

Self Study Report

Vol. – I



Panskura Banamali College

Panskura, Purba Medinipur

West Bengal

December 2015

Self Study Report

Submitted to

**National Assessment and Accreditation Council
for Re-Accreditation (2nd Cycle)**



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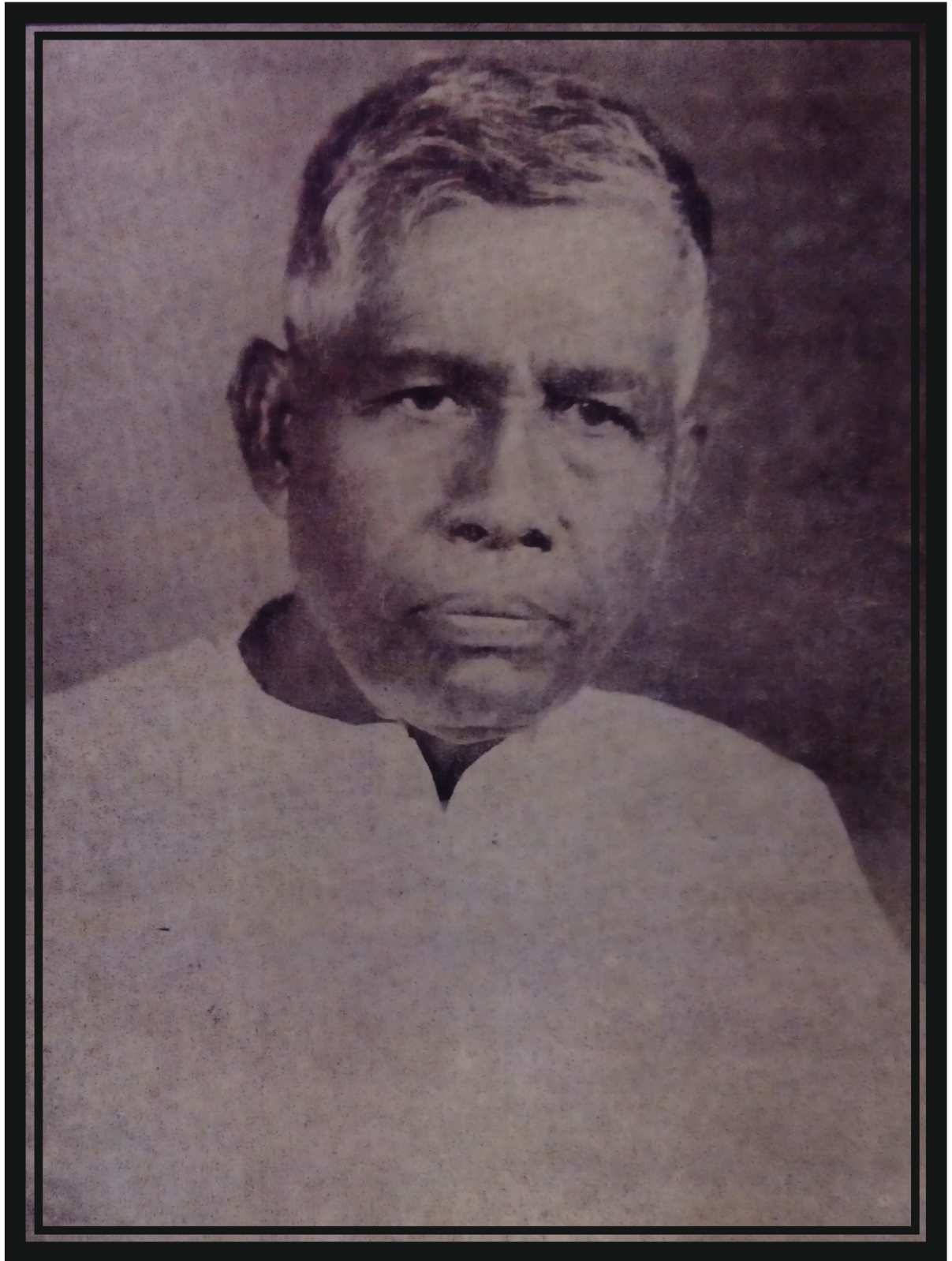


Panskura Banamali College

Panskura, Purba Medinipur

West Bengal

December, 2015



Shri Banamali Charan Khatua

Founder of the College



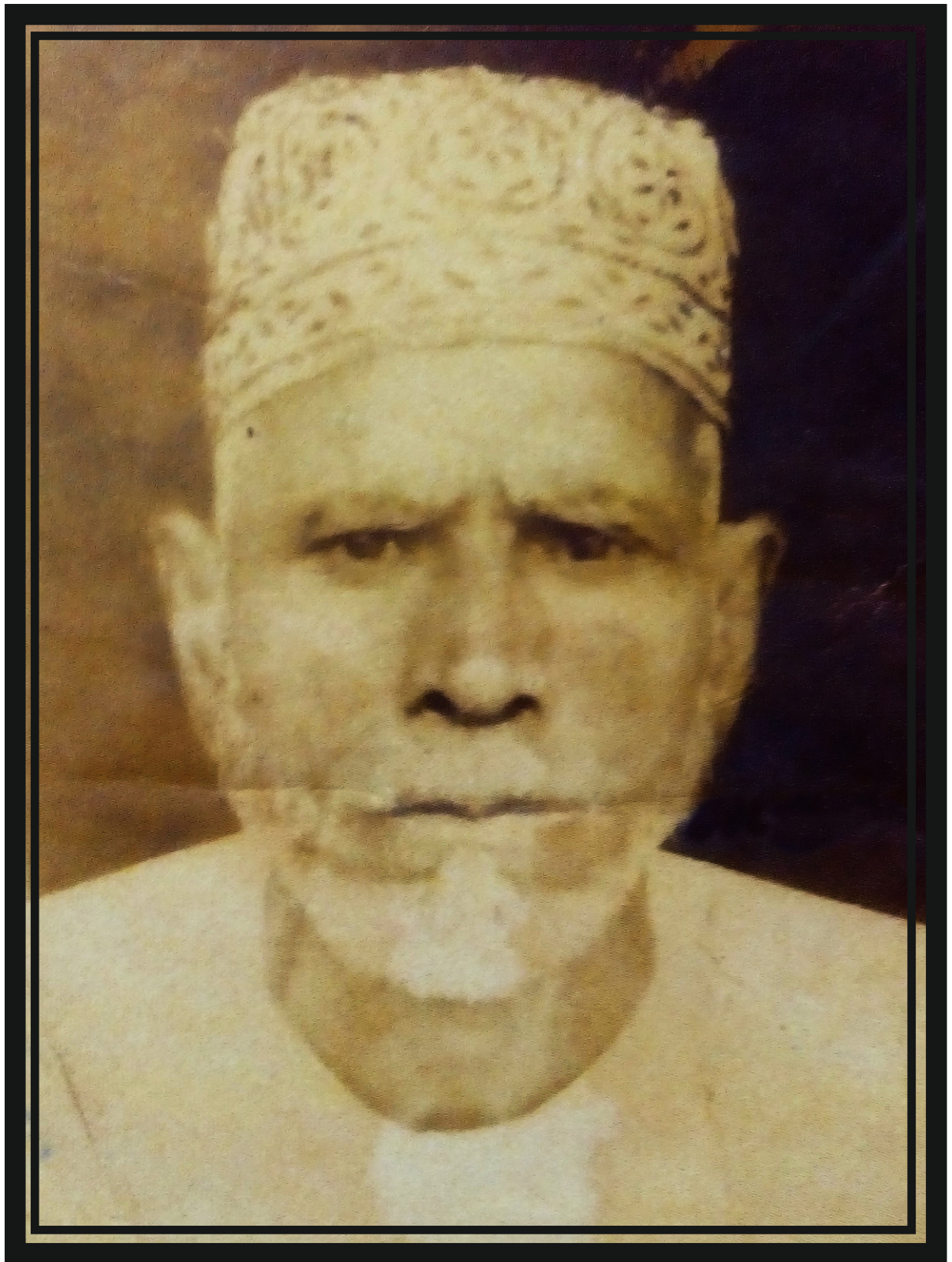
Shri Haripada Khatua

Founder Secretary of the College



Janab Hasmat Ali Khan

Land Donor



Keramat Ali Khan

Land Donor

NAAC

**STEERING COMMITTEE
PANSKURA BANAMALI COLLEGE
December, 2015**

**PANSKURA BANAMALI COLLEGE
STEERING COMMITTEE**

(NAAC/IQAC)

1. Dr. Bidyut Samanta (Coordinator)
2. Dr. Nirmalya Das (Co-coordinator)

Criterion I (Curricular Aspects)

1. Dr. Apu Das
2. Dr Soumitra Mondal

Criterion II (Teaching Learning and Evaluation)

1. Dr. Mrityunjoy Das
2. Dr. Sirsendu Maity

Criterion III (Research Consultancy and Extension)

1. Dr. Pulakesh Bera
2. Dr. Mrinmoy Ghorai

Criterion IV (Infrastructure and Learning Resources)

1. Dr. Sugata Sen
2. Dr. Nirmal Kr. Mahapatra
3. Sri. Avishek Chaudhuri

Criterion V (Students Support and Progression)

1. Dr. Badshah Ghosh
2. Dr. Rajasree Hati

Criterion VI (Governance, Leadership and Management)

1. Dr. Nirmalya Das
2. Sri Amit Samanta Roy

Criterion VII (Innovation and Best Practice)

1. Sri. Ramendra Nath Ghosh
2. Dr Abhijit Kar Gupta

Technical Expertise

1. Dr. Tapan Kr. Dutta
2. Sri. Lakshmikanta Banerjee

Track ID No: WBCOGN 12096
PANSKURA BANAMALI COLLEGE
PURBA MEDINIPUR - 721152
WEST BENGAL

(Volume – I)

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Preface



Preface

To cater to the escalating demands for higher education within the easy reach of the students who came of their schools but failed to get admitted in college located only at distant district headquarter or sub-divisional towns owing to their parents' financial position or lack of facilities for communication, Panskura Banamali College came into existence on the auspicious day **14th of December, 1960**. The college was founded through the indefatigable energy and altruistic endeavors of **Late Banamali Charan Khatua and his sons**, who undertook the construction of the college building on its present site which was donated by **Late Hasmat Ali Khan**, a local gentleman. The college eventually came to be named after its principal donor Late Banamali Charan Khatua and remains a unique symbol of Hindu-Muslim unity and amity. Since its inception, the institution has been tirelessly functioning to realize the vision of its legendary donors by empowering the socially and economically marginalized classes of a backward district populated by a large number of schedule castes and tribes, offering them scopes for quality education and helping them to achieve excellence in the domain of higher education. Through the hard work and sincere efforts of all associated with it the college has not only occupied a remarkable status of one of the biggest colleges in West Bengal but has made substantial contribution to the inclusive growth of the local community through socio-economic change and sustainable development. It's a matter of glory for all concerned and especially the family members of the donors and the inhabitants of the locality of Panskura, that Panskura Banamali College, after traversing a long way in its colourful journey to today's state, has accomplished the celebration of its dignified Golden Jubilee Year 2010-2011.

The first cycle of Assessment and Accreditation by NAAC in 2005 accredited us at "A" level. We are deeply indebted to NAAC peer team in 2005 which helped us move forward with fortified resolve to touch the new horizons in our quest for excellence in the domain of higher education. During the post-accreditation period, to translate our vision and mission statements into academic practices, we have left no stone unturned. Today we have P.G courses in seven departments, and from this academic session we have also got the permission to start M.P.Ed course from NCTE. Out of twenty three subjects at undergraduate level we offer Honours in twenty two subjects. In the post accreditation period, many measures have been undertaken to enhance and sustain quality in every aspect. Within this period of time we have made it possible for the poor students to study the Honours course in professional and technical subjects like Microbiology, Biotechnology, Computer Science & BCA by converting all the self finance courses into regular Government aided courses. Today



we have a conducive atmosphere of research in the college with very advance equipments and apparatuses in our science laboratories, library of our college has been upgraded by installing Lybisis and Infflibnet. The forte of our college is not only the dedicated and committed teaching and non teaching staff, but also excellent leadership offered by the management, good human relationship with in the campus and above all remarkable consistency in good academic performance of the students.

In our continuous pursuit for quality in the domain of higher education through rectification of our lacunae, we have opted for Assessment and second cycle of Accreditation by NAAC. Such venture will provide us an opportunity to measure our effectiveness and efficiency, identify our strengths and weakness and adopt plans and policies for further improvement. Our vow to quality promotion and sustenance in our institution has motivated us to undertake the project of self quality evaluation and the consequent preparation of SSR for external evaluation which has been an exhaustive but self rewarding exercise for us since in the process we could develop the perception about our strength and weakness. I am sincerely indebted to all the members of the Steering Committee and all stakeholders as they have toiled hard for the collection, compilation and analysis of data related to the various aspects of the institution and its functions. All the stakeholders are now eager to extend full cooperation for and grab the forthcoming Assessment and Accreditation process as a step for transforming the college into a quality higher education institution.

We are now avidly looking forward to the NAAC Peer team's visit in our college and their assessment on the basis of our Self Study Report during the visit.

Prof. (Dr.) Nandan Bhattacharyya
Principal
Panskura Banamali College
Purba Medinipur. 721152

Executive Summary
And
SWOC of the College



Executive Summary

The journey of our college began in 1960 with a few subjects to comply with the pressing need of the locality. The college became affiliated to the University of Calcutta and subsequently to *Vidyasagar University*. Currently it is one of the largest colleges in West Bengal (and arguably the largest in Rural Bengal in terms of students' strength and infrastructure) having 23 under-graduate departments, 7 post-graduate departments and 2 training departments. As research is indispensable to higher education, one of the major thrust areas of the college is to carry forward research activities to a newer height along with achieving excellence in teaching.

In order to carry forward the pace of all round development, the attempts have been made to equip the academic departments with necessary and sophisticated instruments, books, computers with internet, modern and classical teaching aids in class rooms and laboratories. Besides, the college campus consists of a folk museum, gardens, playgrounds, sport facilities, gymnasium, a sports complex under construction, boy's hostel, a nearly completed girls' hostel, banking facility and to name a few. The central library has been digitalized with modern software to cater the demand of new age learners. With a good amount of printed books and magazines along with the access to electronic resources, modern repository and bibliographic services, the constant efforts are made to make it a modern state of the art library.

Apart from regular teaching learning activities due emphasis has been put on student-teacher relationship, cultural upliftment of the students and community service. The facts that the college being large and that situated in a rural outfit, a large number of students coming from remote areas and some of them happen to be the first generation learners, make the authority and the teachers to bear the inherent responsibility in their minds to function with utmost sensitivity and care. Some steps are taken to deal with career counselling on a regular basis, to arrange the campus recruitment by some reputed companies and on activities of earning during learning. In this respect the college is fortunate enough of having a dedicated man power, a supporting authority and an encouraging neighborhood.

This Self Study Report for the 2nd cycle of reaccreditation presents the efforts of the college community to ensure "quality in the field of higher education in teaching-learning system." This introspection bears testimony to our renewed commitment to excellence and quality. We are sure this report will allow us to continue to bear the signature of sustained and enhanced quality. The record of our previous NAAC report (Grade 'A' in 2005) affirms that the quality will surely be enhanced with this presentation.



POST ACCREDITATION DEVELOPMENT OF THE COLLEGE

IQAC has paid special attention to the recommendations of the previous peer team. In the light of the Peer Team recommendations (1st cycle), IQAC has successfully facilitated the initiatives for developing new buildings for girls' hostel within the campus. Due attention has been given to encourage the students to earn while they learn. Parents are being duly appraised about the progress of their wards. IQAC has constantly encouraged the teachers to undertake research projects and as a result large numbers of faculty members have been awarded with research projects. Regular seminars under different departments have become a culture for the last few years. The central library has been successfully automated and a constant effort is being made to promote that to a state of the art modern library. New Post Graduate courses have been opened in several departments, now totaling seven in the departments of Chemistry, Physics, Mathematics, Computer Science, Geography, History and Bengali and the courses are running successfully, following the semester system as prescribed by the affiliating University. Besides, post graduate course in physical education has also been approved recently. Regular students' feedback are being accepted to improve the learning process. Grievance redressal mechanism and women cell have been constituted. Alumni associations have been strengthened in various forms and through regular interactions. Initiatives have been taken to establish a regional data bank on floriculture and horticulture within the college. Apart from the development of learning resources and physical infrastructure, better information dissemination is arranged through well maintained webpages of the college and as well as separate webpages are constructed for the central library, Teachers' Training department and for Admission matters.

SUMMARY : Criterion - I

The college wants to create a holistic academic atmosphere for the all round development of the region. To that end, the college not only strictly follows the curriculum as prescribed by the Vidyasagar University, but also encourages in the participations and involvements in several other activities. Academic and activity calendar is prepared by the departments under the supervision of IQAC. The teachers receive procedural, practical and infrastructural support from the college as well as from the University for Effective Implementation of the said calendar. Teachers also participate in curriculum design formalities of the university. Monthly attendance of the students, scheduled teaching plan, regular assignments, unit tests and remedial measures are monitored periodically by mentors. Special classes are arranged for the



slow learners. Advanced learners are identified, trained and encouraged to teach their peers. Students are taken to field works, industrial visits and other educational tours periodically. Extension lectures are arranged to provide the students the opportunities to learn from and to interact with experts. Recently the college authority has taken steps to start some certificate courses on skill development in the college to help its students and the greater neighbourhood.

Students feedbacks are critically discussed in appropriate forums and steps are taken accordingly. Teachers also give feedbacks through the participations in various committees to maintain the high academic standard of the college. Feedbacks from the guardians are treated with highest regards and are placed before Teachers' Council and Governing Body for necessary action. On the other-hand student assessments are done regularly to know the status of curriculum implementation. At the under-graduate level the college follows the evaluation system prescribed by the Vidyasagar University, but at the post graduate level the college has received partial autonomy to evaluation system.

The college makes consistent efforts to supplement the university curriculum by taking field based short term projects, preparation of theme-based posters, extension of language laboratory, ICT, mock parliament, workshops and NSS activities. In addition, skill oriented programmes are also organised at the college. The proactive students' forum of the college helps the college community in creating awareness about the social issues like gender sensitization, awareness and protection of environment and human rights. Teachers play an important role in gender sensitization. Students regularly take part in tree plantation and cleanliness drives.

SUMMARY: Criterion II

The college follows *online admission process* to ensure complete transparency. The criteria adopted for the process of admission are based on principles of merit and regulations on reservation. The admission sub-committee fixes the criteria and review it after the admission. Regarding reservation, the college is committed to the national policy of diversity and inclusion. The college takes special care for the differently-abled students.

At the beginning of a session, teachers take special efforts to overview the background of the students to bridge the knowledge gap. Teachers update their teaching plan so as to cater the needs of the students, representatives of various social and knowledge backgrounds. Thorough analysis of the performance of the students is done. Students are regularly sensitized on the issues of gender, inclusion and environment.



The college has extensive academic schedule for each department. The faculty members are given an orientation regarding the curriculum, examinations and class schedules. Proper attention is paid to make the learning process student centric and to arouse the dormant skills, wisdom, scientific temper, creativity and investigative spirit within the student. In this respect IQAC plays an important role through streamlining the system and processes. IQAC also evaluates the quality of teaching learning process. On the proposal from IQAC extensive infrastructural, hardware and software support has been made available to the faculty for effective teaching. All sorts of help are extended towards the students regarding the correct, in-depth understanding of the curriculum. Computer assisted learning and digital materials are made available to the students to supplement classroom teaching. Renowned personalities from all walks of life are invited to interact with the students. Regular seminars are organised to enrich the students. Faculty members participate in different seminars and workshops at national and inter-national levels. Academic departments also organise field excursions. Innovative teaching approaches have been adopted for successful teaching. The central library of the college extends valuable inputs in this respect through a large collection of books and journals, electronic resources, repository services etc. The impact of all these steps has been reflected by the noteworthy performances of our students at university level and in various competitive examinations. The college regularly attempts to focus the learning outcomes clearly to the students.

To maintain the quality of teachers permanent teachers are appointed on the recommendation from the West Bengal College Service Commission. Guest teachers are invited on the basis of departmental recommendations. To appoint Part Time Teachers and Contractual Whole Time Teachers government norms are followed. Teachers interested in research along with teaching are provided with the best possible research level infrastructure and are assisted for obtaining research grants. The teaching staffs regularly attend different types of academic development programmes. Access to INFLIBNET and up to date stock of books are maintained at the library to help the teachers. The college authority has put utmost importance in providing opportunities to recharge the teachers. In the last five years 5 teachers have received PhD degrees and 11 members are enrolled for the same. A number of 22 research projects have been awarded to our faculty. As many as 231 articles in peer reviewed journals have been published by our teachers in last five years. In recent years, 4 of our faculty members have visited foreign universities or institutions. Quality of teaching is presented every year through appraisal reports. These reports are assessed by IQAC and scores are given. Career advancements of the teachers are done by external referees appointed by the Higher Education department of the State and the representatives from the affiliating university.



SUMMARY: Criterion - III

Research is an integral part of this college and the college promotes a culture of research among the faculty members. To carry forward the research activities the college has a governing body nominated sub-committee and a research advisory committee. The college provides the space and amenities for smooth running of the projects based on the fundamental subjects and as well as on inter disciplinary areas. Teachers get special leave and reduced teaching load to complete the research assignments as and when required. In recent years the college has organised 7 national level seminars to achieve its research goals and to broaden the knowledge base. Many experts from all round the world have visited this college. Research findings of our teachers have helped the industry and institutions elsewhere to move further. This college has received more than Rs.1.5 crores as research grants from various funding agencies. With enhanced budgetary allocation various departments have started to encourage their students for research projects. The college has initiated collaborative research works with various reputed research institutes.

For cutting age research this college provides a reasonably well stocked library, unlimited internet within the campus through Wi-Fi, some modern equipment, financial support, analytical software, experienced and potential researchers and a dedicated manpower. As an outcome three Indian patents have been applied from this college. Some faculty members of this college participate in the editorial boards of different national and inter-national research journals. Apart from this, a large number of research articles have been published by the teachers of this college in the last few years. College is consistently trying to utilise its research pool to promote consultancy. In last few years our faculty members have started to render meaningful consultancy services to the local community and society.

To perform institutional social responsibility the college regularly takes community development programmes at the neighbourhood. The involvements of students to neighbourhood development is ensured through the activities of NSS units, social surveys and the participations in various programmes like mock parliament etc. Indian Oil Corporation and Haldia Development Authorities have recently joined hands with the college to ensure greater industry institution community partnership. The adjoining society and different stakeholders also enrich the college by participating in college affairs through various avenues. Social relation of the institute is renewed every year through the social gatherings like Saraswati Pooja, annual cultural programmes and annual sports. Besides, the college play ground is allowed to be used for the local residents for their sports and youthful activities beyond college hours. The extension activities help the students to enhance their self-confidence and leadership capabilities.



SUMMARY: Criterion - IV

This college is proud of its vast infrastructure including ICT enabled class rooms, modern laboratories, sophisticated instruments, computer laboratories, unlimited broad band internet connectivity, uninterrupted power supply, museums, gardens, sport facilities and fully automated library. These amenities are optimally utilised for curricular as well as co-curricular activities. Regular cultural programmes, games and sports, extension activities are the essence of extracurricular activities of this college. The College is aware of health benefits and the matters of hygiene and thus provides full-fledged support to the college community in this respect.

The vast infrastructure of the college has undoubtedly complemented the qualitative growth of the institute. The infrastructural facilities are used optimally for greater outcome. The college authority has plans to enhance the infrastructural facilities further. In this respect effort has been made to meet the requirements of the students with physical disabilities. The college has an extensive hostel facility also. The hostels are provided with common rooms with some recreational facilities, computer with internet, library, newspapers and arrangements of regular housekeeping. During college hours the college medical officer takes care of all medical exigencies of the hostel boarders and the students in general. Beyond college hours, in case of any exigencies, the college medical officer either is called or the indisposed is sent to the nearest health centre. The hostel boarders get sufficient safe water throughout the day. Round the clock strict security is provided to all the hostels.

The college has a qualified doctor attached with its medical facilities. Apart from this the permanent full time employees of the college gets medical allowance with their monthly salary. They are also allowed to enroll themselves under health insurance cover through Government of West Bengal sponsored West Bengal Health Scheme instead of getting monthly medical allowances.

The IQAC ensures the quality of teaching learning within the college. Regular orientation of the students and teachers of the college remains the most important task for them. They take care of curriculum design of extracurricular activities and extension activities. This cell facilitates the advancement of career of the teaching and non-teaching staff of the college. The IQAC monitors and evaluates the teaching learning process by conducting periodical meetings. The IQAC meets regularly to discuss various plans to promote research climate and motivate the faculty to pursue for higher degrees and courses like M.Phil., Ph.D., refresher and orientation courses. In addition, IQAC regularly informs and encourages the faculty members to apply for research projects and grants to UGC/ DST/ DBT/CSIR etc. The IQAC of the college encourages the staff to apply for FDP (Faculty Development Programme),



Major and Minor Research projects and to organize seminars, workshops and conferences etc. Infrastructural development for regular classes and research facilities is also a prime concern of this cell.

The college boasts a well organised grievance cell. The women cell of the college helps to foster a better network among the female community of this college. A concerned career counselling cell deals with the career aspects and further studies of the students. The well maintained canteen within the campus provides hygienic, healthy and nutritious food to the college community. Unlimited purified drinking water has been ensured through the installations of ultra violet water purifiers. Full proof safety to precious life and college properties has been assured through fire extinguishers. The college campus is fully covered through Wi-Fi internet facilities. A 24 hours uninterrupted power supply has been ensured through silent generators. Common room facilities and rest rooms are offered to the students, non-teaching staff and the teachers. The large auditorium and indoor gymnasium also help the college community to maintain their recreational needs. The supports of a bank branch and a photocopy centre inside the campus are of great advantages for the college. There is a two room well maintained guest house to cater to the guest teachers, officials and guardians. To help the accompanying guardians of the external examinees and the students in general, a large external waiting facility with shades has been constructed. A well protected cycle cum motor cycle stand helps the students and the staff to keep their cycles, motor cycles and private cars within the campus under strict vigil.

The college library needs special mention. This is one of the oldest libraries in this region which remains open from 7.30 am to 6 pm. Apart from a large stock of valuable books the library has access to a number of e-resources, and the repository and bibliographic services are the part of this library. Recently the library has been fully automated. Inter library loan facilities and collaboration with different libraries has been achieved. Fully dedicated support staff helps the library to move smoothly. The library advisory committee keeps a track of the necessary remedies as situations demand.

All the academic departments have computers with internet facilities with printers. The campus has been networked with Wi-Fi and LAN connections among the machines. An appropriate number of LAN switches have been installed in the various departments. The college wants to increase the computer student ratio further. The future objective is to execute total automation in the college using various modules. The technologies used in modernising the teaching learning method have resulted in infinite mine of information in front of students. The college is planning to connect itself with National Knowledge Network.



It is undoubtedly a cumbersome job to maintain such a big infrastructure of this college. Establishment and purchase committees take care of maintenance. Regular maintenance of instruments is done through departmental funding and external sources. Currently Main Circuit Breaker and Earth Linkage Circuit Breaker have been installed to maintain the sensitive equipments.

SUMMARY: Criterion - V

The college has a vision to prepare rural students to face the challenges of nation building and to take positive roles in the complex world outside. The institution extends all sorts of possible supports towards the students for their education, career building and cultural growth. Every year the college publishes its updated *prospectus*, in printed form and an online version, to ensure access to information, and its commitment to accountability. This prospectus is circulated among all the stake holders at the beginning of each session. Keeping mind the equal opportunities for academic development, the college arranges free studentships and poor funds for the needy students. Apart from this, college provides various financial assistance, scholarships, medical assistance, skill development training, hostel facilities, extracurricular activities, book bank and publication facilities to its students. Guidance is also given to the students for competitive examinations. Periodically, career related counselling is offered to the students. Students' grievance redressal cell works regularly to mitigate the grievances. The committees look after the matters of anti-sexual harassment, anti-ragging etc. To maintain a permanent relationship with the students' alumni associations in various forms and departmental social groups have come into existence. The college welcomes the support from the alumnus for fund raising, participation in cultural programmes, donating books, giving feed backs to the college and taking part in other educational activities.

Over the years the endeavour of the college has become fruitful with the spectacular achievement of our students at under graduate and post graduate levels. Not only in academic front, have the students also proved their ability in games and sports, cultural activities, extracurricular activities and extension services. In this respect the students' union of the college also plays an important role.

SUMMARY: Criterion - VI

Our college is one of the largest academic institutions of the state of West Bengal, in terms of students' strength and infrastructure. Situated in a rural outfit this



college caters to the students from remote areas and as well as those from urban areas. The ambition of this institution has been to make the higher education accessible to the rural students and help them to enhance their capabilities to excel in all spheres of life. Now, after many decades of its meaningful existence, we can be proud to pronounce that our erstwhile students play pivotal roles in society, contribute to the process of learning and are engaged in excellent research works all over the country and abroad.

The **vision** of this college has been to create a better academic atmosphere for higher education and research with special attention to the students coming from rural and backward regions. Due to locational advantage, efforts are being made to launch career oriented comprehensive education and trainings that can be imparted to a large section of students along with the mainstream education in fundamental subjects.

Among several **missions** some can be pronounced as the following:

- a) To impart traditional as well as professional education to students belonging to different strata of society, to create equal opportunities among them.
- b) To make provision for upliftment of the financially and academically weaker section of students by empowering them with knowledge based education.
- c) To develop social, moral, aesthetic and ethical values amongst our students through constant involvement of the faculty.
- d) To inculcate reverence for humanity and to fortify high ideals of perseverance, dedication, quality, consciousness and excellence.
- e) To build a strong and unflinching character through meaningful education in order to make them better citizens.
- f) To play a bigger role in education landscape through farther expansion, innovation and research.
- g) To develop the college as a centre of excellence for the students and academicians.
- h) To provide modern facilities for both rural and urban student community.
- i) To help socially and economically backward students for their academic improvement.

The advancement towards the goals and dreams of the college are achieved by the careful planning and sensitivity by the administration and with the active participations of the all sections of the college. At the top of the administration is the Governing Body (GB) headed by a President, usually an eminent person, the Principal as secretary and ex-officio, four elected/nominated faculty members and two non-teaching staff, some representatives of the Higher Education Department of the State Govt., the representatives of the affiliating university, one local body



representative, a student member and a donor member. Several sub-committees are formed under the approval of GB which receives suggestions from other non-statutory forums and committees like Teachers' Council, Students' union, the departmental committees. The GB appointed sub-committees meet periodically for planning and execution. Major decisions are taken in GB meetings. IQAC plays a pivotal role in forwarding suggestions and extending help in designing and implementing several plans and suggestions.

SUMMARY: Criterion - VII

In terms of innovations and good practices, the college attempts to overcome its various limitations and keep evolving in contributing towards students' welfare and learning and community development. Over the last few years the college authority have envisioned and executed several plans for the benefits of students and the society as a whole. Transparent admission system through fully online arrangements, improvements of campus environment and facilities, environmental awareness creation, tree planting etc. are the outlines of some of the initiatives. Initiatives are also taken to proper garbage recycling, green audit, creation of smoke free atmosphere, and installation of solar street lighting. The role played by the NSS units along with some departments to engage the students in various community service, social awareness camps, arrangements of blood donation programmes and health camps, tree plantation, maintenance of gardens are worth mentioning.

We understand that the college has enormous potential and scope to elevate itself to further heights. The sprawling campus and infrastructure, the dedicated teachers and staff, the bonding between teachers and their simple and loving students, the emotional attachments of the students with the institution are all our enormous strength. We have several weaknesses namely, the location of this college far away from the metropolis, the difficulties in creating opportunities as that can be easily done in a big city, the financial crunch that can pose against some major planning, non-availability of not so efficient and skilled workers and other things. We believe, we must overcome the weaknesses and rise above. We recognize our limitations and advantages. We are committed to excellence. But we also know, 'Miles to go before I sleep'!



SWOC ANALYSIS

Strengths

1. A large campus in a peaceful atmosphere.
2. The only college with so many UG and PG Courses under Vidyasagar University
3. Catering to the higher educational needs of large number of rural students with ample number of Scheduled Castes and backward communities
4. Location advantage
5. Qualified teaching faculty
6. Automated Central Library
7. All the departments have internet connection. Wi-Fi connection is available in the campus and can be obtained after registration.
8. Huge amount of scholarships and fellowships for the students are available.
9. INFLIBNET membership for all the regular teachers
10. A modest number of publications in journals and books
11. Most of the Departments have LCD projectors along with two departments with smart class room
12. Vast sports ground with facilities for common outdoor games and sports facilities for indoor sports
13. Well equipped laboratories- we had received Rs 25 lacs from West Bengal Department of Biotechnology under BOOST program. Recently our college has been selected for DST-FIST worth Rs 80 lacs for the Science Departments.
14. Three NSS units
15. Medical Insurance for all students through *Student Health Home*.
16. Electrical lines and fittings have been upgraded. New green generators have been purchased for constant supply of current. 65 KVA transformer has been purchased.

Weakness

1. There is a shortage of 33% of regular faculty due to the old policy of the Government. This policy has been changed recently. Hence there is possibility that we will be able to fill in these posts.
2. Shortage of sanctioned posts considering the magnitude of the student strength.



3. Shortage of classrooms and laboratory spaces to accommodate the existing student strength, and departmental rooms.
4. Need bigger central library room to accommodate the increasing number of books every year.
5. Most of the students admitted in the college are first generation learners as they come from the remote area of the district. As a result, the language competence of the students is not up to the mark.
6. While the facilities we have are excellent, we need additional facilities like conference centers, seminar rooms, a well-equipped, automated office, and so on.

Opportunities

1. Tranquility and safety in the campus with spacious land for construction of new building.
2. Opening certificate courses
3. It is at the present time doing all it can to emphasize a research culture at the undergraduate level.
4. Service of the more quality teaching staff and efficient support staff in the near future.

Challenges

1. Filling up vacant regular posts and getting more posts sanctioned from the government to cope with the student strength in each subject.
2. To mobilize available funds for sufficient physical and other infrastructure considering the growing needs for classrooms, libraries, laboratories, books and equipment including computers.
3. To maintain teacher student relationship
4. To get regular feedback from sincere students and alumni
5. To increase the participation of students in co-curricular and extra-curricular activities.
6. To strengthen career counselling and placement
7. To grow without outgrowing oneself; that is, to grow without compromising the character and culture of the College.

Section – A

Profile of the Institute



Profile of the Institute

1. Profile of the Affiliated / Constituent College

1. Name and Address of the College:

Name :	PANSKURA BANAMALI COLLEGE	
Address :	P.O. PANSKURA R.S., DIST. PURBA MEDINIPUR	
City :	Pin : 721152	State : WEST BENGAL
Website :	panskurabanamalicollege.org	

2. For Communication:

Designation	Name	Telephone with STD	Mobile	Fax	Email
Principal	Prof. (Dr.) Nandan Bhattacharyya	O:03228-252222 R:	09434453188		principal.pbc@gmail.com
Vice Principal	NA	O R			
Steering Committee Co-Ordinator	Dr. Bidyut Samanta	O:03228-252222 R	9474447501		bidyut_pbc@yahoo. in

3. Status of the Institution:

Affiliated College	✓
Constituent College	
Any other	

4. Type of Institution :

a. By Gender

i.	For Men	
ii.	For Women	
iii.	Co-education	✓



b. By Shift

i.	Regular	✓
ii.	Day	✓
iii.	Evening	✓

5. It is a recognized minority institution?

i.	YES	
ii.	NO	✓

If yes specify the minority status (Religious/linguistic/ any other) and provide documentary evidence.

6. Sources of funding:

i.	Government	
ii.	Grant-in-aid	✓
iii.	Self-Financing	
iii.	Any other	

7. a. Date of establishment of the college: The 14th of December, 1960 (14-12-1960).

b. University to which the college is affiliated /or which governs the college (If it is a constituent college):

Vidyasagar University, Paschim Medinipur, West Bengal.

c. Details of UGC recognition:

Under Section	Date, Month & Year (dd-mm-yyyy)	Remarks(If any)
i. 2 (f)	1961	Annexure II
ii. 12 (B)	1961	

(Enclose the Certificate of recognition u/s 2 (f) and 12 (B) of the UGC Act)



d. Details of recognition/approval by statutory/regulatory bodies other than UGC (AICTE, NCTE, MCI, DCI, PCI, RCI etc.)

Under Section/ clause	Recognition/Approval details Institution/Department Programme	Day, Month and Year (dd-mm-yyyy)	Validity	Remarks
i.	NCTE/ To run the B.Ed. /Teacher's Training Course	1st approval w.e.f. 08.12.2006, 2nd approval w.e.f. 24.05.2007	Till NCTE's further order.	Running successfully since 1967-68 session.
ii.	NCTE/ To run the B.P.Ed./ Physical Education Deptt.	1st approval w.e.f. 08.12.2006, 2nd approval w.e.f. 01.08.2008, 3rd approval w.e.f. 28.05.2015	Till NCTE's further order.	Running successfully since 2001-02 session.
iii.	NCTE/ To run the M.P.Ed. / Physical Education Deptt.	1st approval w.e.f. 29.04.2015,	Till NCTE's further order.	Approval to run the course from 2016-2017 session.

(Enclosed the recognition/approval letter in ANNEXURE - II)

8. Does the affiliating university Act provide for conferment of autonomy (as recognized by the UGC), on its affiliated colleges?

YES NO

If yes, has the College applied for availing the autonomous status?

Yes No

9. Is the college recognized

a. by UGC as a College with Potential for Excellence (CPE)?

Yes No **Applied for**

If yes, date of recognition : NA (dd/mm/yyyy)

b. for its performance by any other governmental agency?

Yes No

If yes, Name of the agency and

Date of recognition: **DBT – FIST (2015), WBDBT – BOOST (2014)**



10. Location of the campus and area in sq. mts:

Location (Semi-Urban)	Semi-urban - (Near Panskura Rly. Station and NH-6)
Campus area in sq. metre	50302.43 Sq. metre
Built up area in sq. metre	6,533.80 Sq. metre

(* Urban, Semi-urban, Rural, Tribal, Hilly Area, Any others specify)

11. Facilities available on the campus (Tick the available facility and provide numbers or other details at appropriate places) or in case the institute has an agreement with other agencies in using any of the listed facilities provide information on the facilities covered under the agreement.

- Auditorium/seminar complex with infrastructural facilities
- Sports facilities

1. Play ground:

- a. (Grounds for Football, Volleyball, Cricket, Basket ball, Badminton)
2. **Swimming pool:** (Under construction)
3. **Gymnasium** : (Two)

- **Hostel**

1. Boys' Hostel

- a) **Number of hostels** : 01 (One)
- b) **Number of inmates** : 96 (Ninety six)
- c) **Facilities (mention available facilities):** Fooding & Lodging, Common Room (Television, News Paper and Magazine) and recreation (Indoor & Outdoor Sports), Hostel Library, Computer with Internet Facility.

2. Girls' Hostel

- a) **Number of hostels** : **01** (one under construction for 50 boarders) (One temporary arrangement for 16 B.P.Ed. students).
- b) **Number of inmates** : 16 (B.P.Ed.)
- c) **Facilities (mention available facilities)** : Fooding & Lodging, Common Room (News Paper and Magazine) and recreation (Indoor & Outdoor Sports)



3. Working women's hostel

- i. Number of inmates : One B.P.Ed. female teacher resides in the hostel inside the campus.
- ii. Facilities (mention available facilities) : Fooding & Lodging.

- **Residential facilities for teaching and non-teaching staff (give numbers available — cadre wise) :** Temporary arrangement for the followings
 - 1) Principal's quarter – 1
 - 2) Teachers – At present 19 teachers reside in the hostel inside the campus. 12 more teachers can be provided hostel accommodation.
 - 3) Non-teaching – Residential facilities for Durwan-cum-Night Guard, Hostel Guard as well as retiring facility for Cooks.
- **Cafeteria** – Available (From 7.00 a.m. to 7.00 p.m.)
- **Health centre** – Available for 24 hours

First aid, Inpatient, Outpatient, Emergency care facility, Ambulance : First Aid facility available with some Physiotherapy modalities. College is attached with **Student Health Home** where in emergency the students get free of cost/ cheap medical treatment.

Health centre staff –

i.	Qualified Doctor	Full Time	✓	Part Time	NO
ii.	Qualified Nurse	Full Time	NO	Part Time	NO

Facilities like banking, post office, book shops : **Bangiya Gramin Vikash Bank inside the college premises, Cheap Store with copier facility is available.**

- Transport facilities to cater to the needs of students and staff : **No**
- Animal house : **No**
- Biological waste disposal : **YES**
- Generator or other facility for management/regulation of electricity and voltage : Three High power Generators (65KV, 30KV & 15KV) available, Servo Stabilizer of different capacity available to regulate the voltage in the laboratories.
- Solid waste management facility : **NO**
- Waste water management : **NO**
- Water harvesting : Initiative has been taken to set up rain water harvesting



plant in the college premises with the help of IOCL, Haldia.

12 Details of Programmes offered by the college (Give data for current academic year)

Sl. No.	Program me Level	Name of the Programme/ Course	Duration (Year/ Semester)	Entry Qualifi cation	Medium of Instruc tion	Sanctioned / Approved Student strength	No. of students admitted	
1	Under-Graduate	B.A. Hons.	English	3 years	As per University Rules	English / Bengali	133	133
			Bengali	3 years			146	155
			Sanskrit	3 years			52	49
			Santali	3 years			52	23
			History	3 years			164	98
			Pol. Science	3 years			112	56
			Education	3 years			105	105
			Philosophy	3 years			67	59
			Music	3 years			52	22
			General	3 years			1800	1357
			B.Sc. Hons.	Physics			3 years	81	81
		Chemistry		3 years			81	81
		Mathematics		3 years			112	101
		Comp. Sc.		3 years			81	33
		BCA		6th Semester			81	51
		Botany		3 years			53	42
		Physiology		3 years			53	41
		Zoology		3 years			53	50
		Microbiology		3 years			66	57
		Biotechnology		3 years			66	28
		Economics		3 years			67	10
		Geography		3 years			81	77
		General		3 years			203	203
		B.Com	Hons.	3 years			169	125
			General	3 years			58	07

Cont



Sl. No.	Program Level	Name of the Programme/ Course		Duration (Year/ Semester)	Entry Qualification	Medium of Instruction	Sanctioned / Approved Student strength	No. of students admitted
2	Post Graduate	M.A.	Bengali	4 Semester	As per University Rules	English / Bengali	50	50
			History	4 Semester			44	44
		M.Sc.	Physics	4 Semester			24	24
			Chemistry	4 Semester			29	29
			Mathematics	4 Semester			29	29
			Comp. Sc.	4 Semester			24	12
			Geography	4 Semester			24	22
3	Ph. D	Science	Chemistry		1	1		
			Biotechnology		3	3		
			Mathematics		1	1		
		Arts	Bengali		1	1		
4	Training Course	B.Ed.	B.Ed.	4 Semester	Graduate	100	100	
		B.P.Ed.	B.P.Ed.	4 Semester		50	50	

13. Does the college offer self-financed Programmes?

YES		NO	✓
-----	--	----	---

If yes, how many?

NA

14. New programmes introduced in the college during the last five years if any?

Yes	✓	No		Number	05 PG Courses in Physics, Mathematics, Geography, Bengali & History.
-----	---	----	--	--------	--



15. List the departments: (respond if applicable only and do not list facilities like Library, Physical Education as departments, unless they are also offering academic degree awarding programmes. Similarly, do not list the departments offering common compulsory subjects for all the programmes like English, regional languages etc.)

Faculty	Departments	UG	PG	Research
	(eg. Physics, Botany, History etc.)			
SCIENCE	PHYSICS	√	√	
	CHEMISTRY	√	√	√
	MATHEMATICS	√	√	√
	COMP. SCIENCE	√	√	
	BCA	√		
	BOTANY	√		
	PHYSIOLOGY	√		
	ZOOLOGY	√		
	MICROBIOLOGY	√		√
	BIOTECHNOLOGY	√		√
	ECONOMICS	√		
	GEOGRAPHY	√	√	
ARTS	BENGALI	√	√	√
	ENGLISH	√		
	SANSKRIT	√		
	SANTALI	√		
	HISTORY	√	√	
	POL. SCIENCE	√		
	EDUCATION	√		
	PHILOSOPHY	√		
	MUSIC	√		
	PHYSICAL EDUCATION	√		
COMMERCE	COMMERCE	√		
ANY OTHER (Specify)	B.ED.	√		√
	B.P.ED.	√		√



16. Number of Programmes offered under (Programme means a degree course like BA, BSc, MA, M.Com...)

		B.A.	B.Sc.	B.Com.	B.C.A.	M.A.	M.Sc.	B.Ed.	B.P.Ed.
a.	Annual system	12	12	2	-	-	-	-	-
b.	Semester system	-	01	-	1	2	5	1	1
c.	Trimester system	-	-	-	-	-	-	-	-

17. Number of Programmes with

- a. Choice Based Credit System
- b. Inter/Multidisciplinary Approach
- c. Any other (specify and provide details)

18. Does the college offer UG and/or PG programmes in Teacher Education?

Yes No

If yes, **B.ED.**

- a. Year of Introduction of the programme(s) **B.ED (Session -1967-68 : 17.05.1967)**, (dd/mm/yyyy) and number of batches that completed the programme

- b. NCTE recognition details (if applicable)

Notification No.: **ERC/WB-S/V-62/06/4866(1)**

Date: **08.12.2006** respectively (dd/mm/yyyy)

Validity: Perpetual

- c. Is the institution opting for assessment and accreditation of Teacher Education Programme separately?

Yes No

19. Does the college offer UG or PG programme in Physical Education?

Yes No

If yes, (1) Physical Education (1998-99),

(2) B.P.Ed. (2001-2002)



(3) We have received recognition from NCTE and affiliation from University to start M.P.Ed programme from 2016-17 session.

a. Year of Introduction of the programme(s) :

(1) **Physical Education : 12.08.1998** (dd/mm/yyyy)

(2) **B.P.Ed. : 2001-2002 session : 20.09.2001**

and number of batches that completed the programme

Phy. Edu.: 15 B.P.Ed. : 13

b. NCTE recognition details (if applicable)

Notification No.: **ERC/7-87.6 (1).34/2008/11943** Date : **01.08.2008**

Validity: **Since 2001-2002**

c. Is the institution opting for assessment and accreditation of Physical Education Programme separately?

Yes No

20. Number of teaching and non-teaching positions in the Institution

Positions	Teaching faculty						Non-teaching staff		Technical staff		REMARKS
	Professor		Associate Professor		Assistant Professor		M	F	M	F	
	M	F	M	F	M	F					
Sanctioned by the UGC / University / State Government Recruited	1		13	03	22	09	20	02	02	00	GLI-1 Librarian-1
Govt. approved PTT					35	12					Govt. Approved PTT
Govt. approved CWTT					12	02					Govt. approved CWTT
Yet to recruit					23						Whole Time

Cont. ...



Positions	Teaching faculty						Non-teaching staff		Technical staff		REMARKS
	Professor		Associate Professor		Assistant Professor		M	F	M	F	
	M	F	M	F	M	F					
Sanctioned by the Management/ society or other authorized bodies <i>Recruited</i>											
<i>Recruited</i>					25	21					Invited Guest UG
<i>Recruited</i>					02	01					Guest Full Time PG
<i>Recruited</i>					39	06					PG Invited Guest (Pt)
<i>Recruited</i>							63	06	05	01	Casual Workers
<i>Recruited</i>									01		Medical Officer

M= Male F= Female

21. Qualifications of the teaching staff:

Highest qualification	Professor		Associate Professor		Assistant Professor		Total
	Male	Female	Male	Female	Male	Female	
Permanent teachers							
D.Sc./D.Litt.							
Ph.D.	01		10	02	11	03	27
M.Phil.					03	03	6
PG			03	01	08	03	15
Temporary teachers (Govt. approved PTT & CWTT)							
Ph.D.					01		01
M.Phil.					13	07	20
PG					35	5	40
Contractual Teacher (approved by GB)							
Ph.D.							
M.Phil.					01		01
PG					01	01	02
Guest Teachers (UG & PG) approved by GB							
Ph.D.					39	04	43
M.Phil.							
PG					28	20	48


22. Number of Visiting Faculty /Guest Faculty engaged with the College. 94
23. Furnish the number of the students admitted to the college during the last four academic years.

Categories	2011-12		2012-13		2013-14		2014-15	
	Male	Female	Male	Female	Male	Female	Male	Female
SC	465	187	398	306	435	227	449	362
ST	309	139	224	140	249	142	195	177
OBC	528	387	492	461	661	456	360	339
General	2743	2813	2290	2484	2254	3319	2669	3196
Others	01	00	04	01	11	05	12	10

24. Details on students enrollment in the college during the current academic year 2015-16

Type of students	UG	PG	M. Phil.	Ph.D.	Total
Students from the same state where the college is located	6915*	418*		06	7339
Students from other states of	0	0		0	0
NRI students	0	0		0	0
Foreign students	0	0		0	0
Total	6915*	418*		06	7339

* Number likely to be increased after the completion of admission of 2nd yr. & 3rdyr. students

25. Drop out rate in UG and PG (average of the last two batches)

UG 13.86 PG 00

26. Unit Cost of Education

(Unit cost = total annual recurring expenditure (actual) divided by total number of students enrolled)

Year : 2011 - 2012

(a) including the salary component

Rs.7562.00

(b) excluding the salary component

Rs.776.00

**Year : 2012 - 2013**

(a) including the salary component

Rs.11148.00

(b) excluding the salary component

Rs. 5577.00

Year : 2013 - 2014

(a) including the salary component

Rs.13719.00

(b) excluding the salary component

Rs.5827.00

Year : 2014 - 2015

(a) including the salary component

Rs.13485.00

(b) excluding the salary component

Rs. 5004.00

27. Does the college offer any programme/s in distance education mode (DEP)?
If yes,

 Yes

 No

a) is it a registered centre for offering distance education programmes of another University

 Yes

 No

b) Name of the University which has granted such registration.

DDE, VIDYASAGAR UNIVERSITY & NSOU

c) Number of programmes offered 31(DDE,VU : 09 & NSOU : 22)

d) Programmes carry the recognition of the Distance Education Council.

 Yes

 No



28. Provide Teacher-student ratio for each of the programme/course offered :

No	Courses	Teacher-Student Ratio			
		2011-12	2012-13	2013-14	2014-15
1.	UG Honours (Arts stream)	1 : 33	1:33	1:29	1:27.5
2.	UG Honours (Science stream)	1:14.5	1:16	1:15	1:18
3.	UG Honours (Commerce)	1:26	1:20	1:26	1:29
4.	PG (Arts stream)	NA	NA	1:4	1:8
5.	PG (Science stream)	1:4.5	1:6	1:4	1:4.6
6.	B.Ed. (Teachers' Training)	1:14.3	1:14.3	1:14.3	1:14.3
7.	B.P.Ed. (Teachers' Training)	1:10	1:10	1:10	1:10

29. Is the college applying for

Accreditation : Cycle 1 Cycle 2 Cycle 3 Cycle 4

Re-Assessment: NA

(Cycle 1 refers to first accreditation and Cycle 2, Cycle 3 and Cycle 4 refers to re- accreditation)

30. Date of accreditation* (applicable for Cycle 2, Cycle 3, Cycle 4 and re-assessment only)

Cycle 1: 28.02.2005 (dd/mm/yyyy) Accreditation Outcome/Result : 85.25.('A')

Grade Cycle 2: (dd/mm/yyyy) Accreditation

Outcome/Result..... Cycle 3: (dd/mm/yyyy)

Accreditation Outcome/Result.....

** Kindly enclose copy of accreditation certificate(s) and peer team report(s) as an annexure.*

31. Number of working days during the last academic year.

264

32. Number of teaching days during the last academic year

(Teaching days means days on which lectures were engaged excluding the examination days)

232



33. Date of establishment of Internal Quality Assurance Cell

(IQAC) IQAC 19-10-2005 (dd/mm/yyyy)

34. Details regarding submission of Annual Quality Assurance Reports (AQAR) to NAAC : (DD/MM/YYYY)

- i. AQAR 2011-12 submitted to NAAC on : 30/12/2015
- ii. AQAR 2012-13 submitted to NAAC on : 30/12/2015
- iii. AQAR 2013-14 submitted to NAAC on : 30/12/2015
- iv. AQAR 2014-15 submitted to NAAC on : 30/12/2015

35. Any other relevant data (not covered above) the college would like to include. (Do not include explanatory / descriptive information.

(a) The other facilities available for staff and students are

- i. NSS
- ii. Women cell
- iii. Anti ragging cell
- iv. Staff Co-operative Society
- v. Bratachary & Yoga

(b) Milestones

1960 : College started its journey.

1961 : Recognized by UGC 2(f) and 12(B).

Got the permission for Pass course in Bengali, Education, History, Political Science, Philosophy and Sanskrit under the University of Calcutta.

1962 : Establishment of the Departments of English, Mathematics, Chemistry, Physics and Economics with Pass Course.

1963 : Bengali department got the permission to start Honors course.

1964 : Political Science and Mathematics Departments got the permission for Honours course.

1966 : Department of History and English got the permission to introduce Honours course.

1967 : Establishment of Evening Commerce Department with both pass and Honors. Teachers Training Department B.Ed. was also established in the same year.



- 1968 : Department of Physics and Chemistry got the permission to introduce Honours course.
- 1983 : Establishment of Botany and Zoology Department with Pass Course.
- 1987 : Establishment of Physiology Department with Pass course.
- 1995 : Establishment of Geography Department with both Pass and Honours course.
- 1996 : Establishment of Computer Science Department with Pass and Honours Course.
- 1998 : Establishment of Microbiology Department with Honours course and Physical Education Department with Pass course.
- 1999 : Zoology Department introduced Honours course.
- 2000 : Establishment of Bachelor of Computer Application Department.
- 2001 : The college got the permission from the NCTE to start the B.P.Ed. course.
- 2002 : Education, Botany and Physiology Departments upgraded to Honours departments.
- 2003 : Establishment of Biotechnology as Honors Department.
- 2004 : The College touches a new height by getting the permission for PG course in Computer Science.
- 2005 : The college was accredited by the NAAC as 'A' Grade college.
Music and Santali Departments were established with both Pass and Honours course.
Sanskrit department introduced Honours course. In the same year
- 2007 : PG course in Chemistry was introduced.
- 2010 : The college celebrates Golden Jubilee.
- 2013 : The College modernizes the Central Library by establishing LYBSIS along with the membership of INFLIBNET.
The College introduced PG courses in Five Departments: Geography, History, Bengali, Mathematics and Physics.
The College got the membership of the West Bengal Students Health Home for providing treatment of some critical ailments at cheap rate.



2014 : The College receives the grant from the DBT- BOOST of Rs 25 Lakhs.

One of our college students represented the in National tournament in Open Throw ball competition and was further selected for the International Team.

The Alumni Association got registered under the West Bengal Society Act, 1961.

2015 : The college gets the approval from the NCTE to start the M.P.Ed. course from the academic session 2016-17.

The College receives the grant from the DST – FIST (G1) of Rs. 80 Lakhs.

Section - B

**Criterion Wise
Analytical Report**

CRITERION - I

CURRICULAR ASPECTS



1.1 Curriculum Planning and Implementation

1.1.1 State the vision, mission and objectives of the institution, and describe how these are communicated to the students, teachers, staff and other stakeholders.

Vision

To create a better academic atmosphere for higher education especially for the students from rural and backward regions. Due to locational advantage, initiation may be taken for career oriented comprehensive education combined with Humanistic, Scientific and Social learning.

Mission

- To impart traditional as well as professional education to students belonging to different strata of society irrespective of caste, gender, colour or creed.
- To make provision for upliftment of the financially and academically weaker section of students by empowering them with knowledge based education.
- To develop social, moral, aesthetic and ethical values amongst our students through constant involvement of the faculty.
- To equip and develop required professional and technical skills among the students so that they can face the challenge confidently with grit, determination and resilience.
- To inculcate reverence for humanity and to fortify high ideals of perseverance, dedication, quality, consciousness and excellence.
- To build a strong and unflinching character through meaningful education in order to make them better citizens.
- To play a bigger role in education landscape through innovation.

Objectives:

- a) The primary objective of the college is to cater to the higher educational needs of the rural students.
- b) To develop the college as a centre for academics for the students and academicians.
- c) To provide modern facilities for both rural and urban student community.
- d) To help socially and economically backward students for their academic improvement.
- e) To sustain equal opportunities among the students
- f) To provide both traditional and non traditional value based higher education to the rural students.
- g) To provide skill-based education for personality development of the students.
- h) Support towards employment- oriented training and more professional courses that will help the students in future employment sector.
- i) To make higher education as meaningful and socially relevant to the extent possible under the purview of the affiliating university and rules of the higher education system of State Government.
- j) Emphasis on the development of soft skills of the students.



- k) Promotion of value based education.
- l) Good facilities for curricular and non-curricular activities with optimum use of facilities.

1.1.2 How does the institution develop and deploy action plans for effective implementation of the curriculum? Give details of the process and substantiate through specific example(s).

As the college is affiliated to Vidyasagar University, Paschim Medinipur, West Bengal, the college follows the University-prescribed curriculum. The Academic and Activity calendar is prepared by each department to implementation of the curriculum are as follows:

a) Stage I:

A meeting is held in each department towards the end of each academic year to finalise the course-distribution for the next year. Based on the expertise of individual teachers, the syllabus is allotted to them by the Head of the Department. Discussions are held on the methodologies that can be followed, to orient new teachers and in particular on different approaches to the curriculum.

b) Stage II:

All departments prepare a pre time-table to check the feasibility of delivering the allotted curriculum by calculating the number of lectures/ practical classes available in a particular term.

c) Stage III:

Teachers are then required to submit a teaching plan based on the number of days required for effective teaching of the syllabus, as also the number of days required for conduct of examinations. The IQAC prepares a “Course file” and gives it to the teachers at the beginning of the academic year to help them to plan and to manage this entire process effectively. The course file contains the academic calendar, working and teaching days available for undergraduate and postgraduate programmes and teaching plan, internal marks, five year question paper etc. At the end of every academic term, teachers are required to submit the diary to the HOD after filling in the relevant information. This helps the IQAC to monitor if the teaching plans have been successfully implemented, and this is further verified and substantiated through student feedback on teachers.



1.1.3 What type of support (procedural and practical) do the teachers receive (from the University and/ or institution) for effectively translating the curriculum and improving teaching practices?

The teachers receive procedural and practical support from the college as well as from the University for effectively implementing the curriculum:

- a) LCD, e-Class Room, Wi-Fi, e-learning are in place to support effective teaching-learning process
- b) Faculties are encouraged to attend workshops on syllabus revision, Orientation and Refresher Courses organized by UGC-Academic Staff College and Board of Studies of VU.
- c) The Library is constantly updated with new books, magazines, journals and INFLIBNET for catering to the needs of the teachers to implement the curriculum effectively through easy access to e-journals and e-books.
- d) Almost all the departments have their own departmental library from where the students and the faculty members can easily take their necessary books and journals.
- e) Special lectures by prominent personalities from academia, premier research institute and industry are organized to update knowledge in the relevant field.
- f) Workshops are conducted both before and after syllabus revision to apprise teachers about the changes, to get their feedback and further inputs for effective implementation of the syllabus.
- g) Teachers are given considerable freedom by the college as far as the handling of the syllabus goes. Teachers devise their own methodology based on the needs of the subject and the learners. Traditional modes of teaching/learning are blended with reasonable use of ICT to make the process learner-centric.
- h) The institution provides them with the necessary infrastructure and resources, such as helping them to procure the latest references on the subject, both in Print and e-book form. Facilities like Inflibnet also offer access to the latest online literature. Departments have their own departmental libraries. Every year, a sufficient number of new additions of latest books, reference books, periodicals and journals are made available to teachers.
- i) Departmental libraries also have a large collection of CDs, DVDs and other audio-visual study materials that aid in supplementing the curriculum by providing glimpses of different real-life situations and recent trends in the subject.
- j) The college has propagated e-content development in recent years and some subjects have developed their own content. This material is uploaded on the internet to make it easily accessible to students.



Details of teachers participated in Syllabus revision workshops for various departments organized by the University in 2013-14 are depicted in Table 1.1. The syllabus generally is revised once in 3 years. Hence the data of other years are available.

Table 1.1:- Name of the teachers participated in syllabus revision workshops

Bengali	Dr. Biswaranjan Ghorai
Biotechnology	Mr. Somnath De
	Mr. Palash Pan
Botany	Mr. Biswanath Pati
Chemistry	Dr. Pradyut Kumar Bera
	Dr. Pulakesh Bera
B.C.A.	Dr. Nirmal Kr. Mahapatra
Computer Sc.	Dr. Abhijit Kar Gupta
Economics	Dr. Sugata Sen
English	Mr. Kanak Kanti Bera
Geography	Dr. Nirmalya Das
History	Mr. Ashutosh Sarkar
Mathematics	Dr. Tuhin Kr. Kar
	Dr. Nandini Bandyopadhyay
Microbiology	Dr. Harekrishna Jana
Music	Mr. Atanu Chowdhuri
	Mr. Sunil Kr. Samanta
	Mr. Kartick Senapati
Philosophy	Mrs. Nupur Sanyal Mukherjee
Physical Education	Dr. Badshah Ghosh
Physics	Dr. Mrityunjoy Das
Physiology	Dr. Arunangshu Sinha
Political Science	Md. Saha Alam
Zoology	Dr. Mrinmoy Ghorai
Commerce	Mr. Ramendranath Ghosh
B.Ed.	Dr. Tapan Kr. Dutta

1.1.4 Specify the initiatives taken up or contribution made by the institution for effective curriculum delivery and transaction on the Curriculum provided by the affiliating University or other Statutory agency.

The Institution follows the curriculum of affiliating University and ensures the overall development of the students through the listed activities and facilities:



- a) Academic Calendar and Year Planner are prepared well in advance and steps are taken to ensure effective execution of the academic programs.
- b) Monthly attendance, scheduled teaching plan, regular assignments, unit tests, and remedial measures are monitored periodically by the mentors.
- c) Extensive support is given to each department to organize Workshops, Seminars, Conferences, Symposiums and Guest Lectures.
- d) The college library constantly updates with latest books, magazines and journals which cater to the educational needs of the students and teachers. Books and journals of departmental libraries help for quick and easy access.
- e) The college organizes special lectures by inviting experts from various fields to share their knowledge.
- f) Special classes are arranged for slow learners.
- g) State-of-the-Art laboratories, Digital Library, Wi-Fi, ICT enabled class rooms, Seminar Halls, Auditoria and Public Address System for effective curriculum delivery are part of the infrastructure.
- h) Advanced Learners are identified, trained and encouraged to teach their peers. This process serves as a platform to share, enhance their knowledge and develop harmonious relationship among students.
- i) Students are taken for industrial visits periodically to keep them abreast of the latest developments in their respective fields.

1.1.5 How does the institution network and interact with beneficiaries such as industry, research bodies and the university in effective operationalization of the curriculum?

The college teachers are constantly looking for opportunities to integrate teaching with real life exposure for enriching and effective operationalisation of the curriculum:

- a) Extension lectures give students an opportunity to interact with experts from the field of academics and industry.
- b) Industrial visits are arranged in order to provide live exposure to recent trends in the relevant field. Students also take up minor projects in industries for procuring hands-on training.
- c) The college coordinates with national laboratories and other private agencies that are similarly equipped to help students avail of their expertise and facilities for hands-on experience.



1.1.6 What are the contributions of the institution and/ or its staff members to the development of the curriculum by the University?(number of staff members / departments represented on the Board of Studies, student feedback, teacher feedback, stakeholder feedback provided, specific suggestions etc.)

Total **fifteen** teachers from the college are members of Boards of Studies / their sub-committees, and have played a leading role in restructuring of undergraduate and post-graduate curricula for various subjects by the Vidyasagar University. Recent restructured curricula where our staff members have contributed include Biotechnology, Physics, Chemistry, Economics, Mathematics, Botany, Zoology, Physiology, Bengali, English, History, Geography, BCA, Computer science, Microbiology etc.

Teachers also work on suggestions for syllabus revision from academic peers obtained through informal interaction and other forms for communication such as email, subject association activities, interaction with visiting faculty and other experts during academic gatherings like workshops, seminars and refresher courses.

Table 1.2 Name of the members of Board of Studies

Sl. No.	Name	2013 - 2014
1	Dr. Nandan Bhattacharyya	UG (Biotechnology)
2	Dr. Biswaranjan Ghorai	PG (Bengali)
3	Dr. Pulakesh Bera	PG (Chemistry)
4	Dr. Mrityunjoy Kr. Das	PG (Physics)
5	Dr. Arunangshu Sinha	UG (Physiology)
6	Sri Kanak Kanti Bera	UG (English)
7	Dr. Tapan Kr. Dutta	B.Ed. (Teachers' Training)
8	Dr. Abhijit Kar Gupta	PG (Comp. Sc.)
9	Sri Sanjib Kuila	PG (Mathematics)
10	Dr. Nirmalya Das	UG & PG (Geography)
11	Sri Sugata Sen	UG (Economics)
12	Dr. Soumitra Mondal	UG (Microbiology)
13	Dr. Jitesh Ch. Roy	PG (History)
14	Dr. Badshah Ghosh	UG (Physical Education)
15	Dr. Tuhin Kumar Kar	UG (Statistics)

**a) Student feedback:**

Student feedbacks are obtained from the students on a regular basis by the IQAC centrally. Students are also encouraged to open up their minds to their teachers. The IQAC convener and the Principal discuss the result with the teachers. Those feedbacks are also critically discussed on a regular basis at the Departmental meetings and steps are initiated accordingly. Grievance redressal cell of our college is present with experienced teachers and staff-members. They actively perform their duties, if any such situation arises. Recently we have initiated online student feedback system. Recently we have initiated online students' feedback system.

b) Teachers feedback:

Teachers also discuss different academic aspects regularly at the departmental meetings convened by the Respective Heads of the departments. Moreover, the Teachers' Council meetings are arranged in regular manner to discuss all feedbacks of teachers to maintain the high academic standard of the college.

c) Feedback from the guardians:

Parents or guardians of the students meet the teachers at the departmental levels and also with the Principal regularly. Their opinions are treated with the highest regards and are placed before the Teachers' Council or the Governing Body for necessary actions

1.1.7 Does the institution develop curriculum for any of the courses offered (other than those under the purview of the affiliating university) by it? If 'yes', give details on the process ('Needs Assessment', design, development, and planning) and the courses for which the curriculum has been developed.

- At the Undergraduate level the college follows the curriculum set by the affiliating university.
- At the Postgraduate level the college enjoys autonomy to evaluation system only. The syllabus to be taught is prepared by the University.
- The assessment is done by the BOS of the college for the PG courses only.



1.1.8 How does institution analyze / ensure that the stated objectives of curriculum are achieved in the course of implementation?

- a) Progress of the curriculum is thoroughly monitored by the Principal, Heads of the respective departments and the Teachers' Council at the Undergraduate level and at the departmental level under the supervision of the Board of Studies for the Postgraduate courses.
- b) Student assessments which are done regularly by evaluation tests reflect the status of curriculum implementation.
- c) Performance in the University level as well as National and State level competitive examinations also bear testimony to the successful execution of the academic plans.
- d) In addition, "Course file" reflects the amount of curriculum coverage by the HODs, IQAC, and the Principal.

The following are the students who obtained ranks in the University exam. The result of 2015 is yet to be published because of the review process is on :



Table 1.3 Department wise rank holders' name of Panskura Banamali College in V.U.

Year	Department	Rank holders' name	Rank (1-10)	No. of students
2014	Education	i) Bikash Chandra Ghorai	3	4
		ii) Tarun Samanta	3	
		iii) Surojit Bera	9	
		iv) Smriti kana Maity	10	
	English	1) Chhanda Samanta	9	1
	Santali	i) Luski Saren	1	7
		ii) Rilamala Hembram	1	
		iii) Indubhusan Mandi	2	
		iv) Shyamlal Hansda	5	
		v) Manindranath Murmu	7	
		vi) Somashree Bag	7	
		vii) Bimal Besra	8	
	Biotechnology	i) Nibendu Mondal	1	6
		ii) Seabrata Maity	2	
		iii) Purnima Jana	3	
		iv) Surya Chaulya	4	
		v) Satyaki Guhathakurta	6	
		vi) Rajkumar Mondal	7	
	Computer Science	i) Riju Pramanik	6	1
	Geography	i) Santu Guchhait	1	2
ii) Prasenjit Samanta		9		
Micro Biology	i) Suprabhat Sahoo	1	5	
	ii) Pallabi Chandra	2		
	iii) Soumyajit Jana	6		
	iv) Uttam Kumar Jana	7		
	v) Jasmine Sultana	10		
Music	i) Manimala Maity	5	3	
	ii) Karabi Maji	7		
	iii) Sanchita Misra	7		
Physics	i) Monidipa Pramanik	10	1	
Physiology	i) Sagufa Begam	1	2	
	ii) Anup Jana	3		
Accountancy	i) Sanjib Das	6	2	
	ii) Sandip Jana	7		

Cont. ...



Year	Department	Rank holders' name	Rank (1-10)	No. of students
2013	Economics	i) Anweshha Bhattacharya	4	2
		ii) Syed Saddam Ali	7	
	Education	i) Sayan Dhara	6	1
	English	i) Nabina Bhukta	3	2
		ii) Soumen Sahoo	8	
	History	i) Ajij Mallik	5	1
	Philosophy	i) Rupali Maity	6	1
	Sanskrit	i) Krishna Manna	10	1
	Santali	i) Shrabani Hansda	2	6
		ii) Tanushree Shing	4	
		iii) Subhajit Giri	5	
		iv) Sunil Kisku	7	
		v) Aparna Saren	8	
		vi) Swadesh Tudu	10	
	Biotechnology	i) Shubhankar Bhattacharya	1	6
		ii) Arpan Maiti	2	
		iii) Himadrisekhar Mal	3	
		iv) Sanjukta Das	4	
		v) Sibaprasad Chakrabarty	6	
		vi) Arun Kumar Sahoo	7	
	Computer Science	i) Madhusree Banerjee	6	2
		ii) Ajoy Pore	8	
	Geography	i) Anweshha Giri	5	2
		ii) Bikash Ranjan Bag	6	
	Micro Biology	i) Soumen Jana	1	5
		ii) Sutanuka Bera	2	
		iii) Jahangir Khan	4	
iv) Dibyendu Gouri		7		
v) Upendra Nayek		10		
Music	i) Kana Chattopadhyay	2	3	
	ii) Manisha Guria	7		
	iii) Antara Sen	7		
Physics	i) Payel Maiti	2	2	
	ii) Piyali Samanta	3		
Physiology	i) Ananya Adhikari	1	4	
	ii) Shibani Banerjee	2		
	iii) Jhimli Banerjee	5		
	iv) Subhankar Manna	8		
General Arts	i) Sudha Kola	2	1	
General Science	i) Mousumi Tripathy	1	1	



2012	History	i) Santanu Dey	8	1
	Music	i) Debolina Banerjee	3	3
		ii) Rama Das	4	
		iii) Sutapa Bhattacharyya	8	
	Sanskrit	i) Saheli Mahapatra	3	1
	Santali	i) Shila Baske	1	5
		ii) Fudan Saren	4	
		iii) Shyamali Majhi	5	
		iv) Lakman Saren	6	
		v) Rinku Murmu	9	
	Biotechnology	i) Ankan Kumar Samanta	1	3
		ii) Sudip Mandal	4	
		iii) Suwendu Das	6	
	Botany	i) Subrata Kumar Barik	5	2
		ii) Suvankar Mandal	7	
	Computer Science	i) Alope Kantal	6	2
		ii) Banashri Chakraborty	9	
	Micro Biology	i) Krishnendu Goswami	2	4
		ii) Rocky Dutta	3	
		iii) Sumon Dey	6	
iv) Rima Khunti		9		
Physics	i) Biswajit Das	5	1	
Physiology	i) Basudeb Das	2	2	
	ii) Santu Jana	2		
zoology	i) Manisa De	8	1	
Accountancy	i) Sambhu Jana	5	2	
	ii) Prasenjit Sur	6		
B.P.Ed.	i) Ranjit Dey	10	1	
Genera-Sciene	i) Ritwika Das	1	1	
General-Com.	i) Krishnendu Mondal	2	1	
2011	Bengali	i) Tulsi Dey	4	1
	Education	i) Debjani Maiti	10	1
	English	i) Rimi Maiti	1	1
	History	i) Joyeeta Manna	4	1
	Music	i) Avishek Das	4	1
	Political Science	i) Alomara Khatun	7	1
	Sanskrit	i) Susovan Santra	4	1
	Biotechnology	i) Sudeshna Mandal	1	7
ii) Maitri Jana		2		
iii) Bappa Mahapatra		3		
iv) Dip Chakraborty		3		



	v) Antara Singha	4	
	vi) Atanu Mandal	5	
	vii) Sourav Chakraborty	6	
Botany	i) Achintya Bhowmick	7	1
Electronics	i) Saibal Sovan Das	1	1
Geography	i) Bipulananda Ghara	4	1
Micro Biology	i) Trishita Jana	3	4
	ii) Saheli Kulavi	6	
	iii) Subhankar Nandi	9	
	iv) Rajkumar Maji	10	
Physics	i) Anupam Jana	8	1
Physiology	i) Sudeshna Bhakat	3	2
	ii) Tumpa Rakshit	8	
Accountancy	i) Umesh Dhara	5	3
	ii) Sibsankar Khanra	8	
	iii) Banshari Karan	9	

1.2 Academic Flexibility

1.2.1 Specifying the goals and objectives give details of the certificate/diploma/skill development courses etc., offered by the institution.

The goal of the institution is to impart career-oriented teaching and training so that the students can face the challenges experienced in the employment sector. Apart from pursuing regular academic curriculum, recently the Governing Body has approved to initiate some Certificate Courses in the following departments *viz*;

- Physical Education - Six months Certificate Course in Yoga Therapy and Three months Certificate course in Sports Nutrition and Fitness,
- Microbiology – One month Certificate Course in Environmental Analysis,
- Biotechnology - One month Certificate Course in Vermicompost, One month Certificate Course in Bio-fertilizer Training, One month Certificate Course in Mushroom Cultivation, One month Certificate Course in Jam-Jelly-Sauce preparation,
- Computer Science – One month Certificate Course in MS Office and Web Designing,
- Economics – One month Certificate Course on Tax Assessment,
- Geography – Three weeks Certificate Course in Remote Sensing GIS,
- Commerce – Three months Certificate Course in Tally and Commercial Tax.
- Economics-three months course Securities market and mutual fund.



- (A) Recently we have started collaborating with IIT Bombay for ICT enabled learning. Spoken Tutorial is a magical Audio Video teaching tool promoting ICT enabled learning. Spoken Tutorials train in simple steps moving from simple to complex levels and give practical training of the theoretical concepts. As a result students fast track their knowledge and cope better with the course. The language used is simple and the tutorials ensure that ample instructions and practice is provided to guarantee self-learning. The method is distance learning and it is unique as students learn by their own selves (Self-Learning) and individually. Though computer based, the learning and practice is completely offline once the courses are downloaded into the systems. Students listen using earphones, pause, rewind, fast forward as per their progress and in an interactive manner using simulation understand hands on the practical application of the theoretical concepts. Self-training can improve students IT/ programming/ simulation skills as well improve their employment potential.

The Training is offered on Free and Open Source Software (FOSS), like Linux. FOSS are noncommercial as well for many FOSS, there is no commercial equivalent (C, Java etc.). Exotic and lucrative courses like Python, Perl, BASH, GIMP, Blender for multimedia, can be learned effectively through Spoken Tutorials. The courses are useful for both jobs (Skill focus courses) and academics (Syllabus focus courses). The program is funded by NMEICT- www.sakshat.ac.in, MHRD, Govt. of India. Hence, the courses, training, day to day guidance and certificates are all completely FREE of COST for life. To date, more than 8 lakh students have been trained nationwide. This training is provided free of cost by a unique audio-video instructional tool which is available in CDs/DVDs and very easily downloadable from Spoken Tutorial Project website. <http://www.spoken-tutorial.org>. Training is free, as it is funded by MHRD, NMEICT. This Project aims to make India IT-Literate and enhance employability.

- (B) With a view to provide a perfect platform to competent Govt. job aspirants and to fulfill their much awaited ambition of making themselves competition-ready, RICE Education has introduced an exceptional approach 'RICE Talent Search Examination'. The examination was held on 20th December, 2015.

RICE with its outstanding monitoring system, filters the meritorious candidates through talent search examination held at this college venue and groom them to successfully crack government jobs through our powerful faculties, advanced resources and state-of-art infrastructure. This helps aspirants transform their dream into reality of becoming successful WNCS, Bank, Rail, LIC Officer, School teachers in reputed schools and in other administrative posts.



C) Employability Training Programme was organized by- TCS on 10.Aug 2015 to 25th Aug 2015. Training Time-80 hrs. Total no of Applicant was 64 (Sixty four). Out of 64 only 22 were eligible for written test and 08 were selected for interview and 3 (Three) candidates got offering letter from T.C.S on 10/09/15.

1. Sandip Kumar Kanhra - B. Sc (Bio)
2. Saidul Islam Mallik - B.Com (Hons)
3. Sourav Chakraborty – Eng (Hons)

1.2.2 Does the institution offer programmes that facilitate twinning /dual degree? If 'yes', give details

As per the statute of the affiliating University, twinning/dual degree programs are not permissible. Hence the answer is No. The college does not offer programmes that facilitate twinning /dual degree.

1.2.3 Give details on the various institutional provisions with reference to academic flexibility and how it has been helpful to students in term of skills development, academic mobility, progression to higher studies and improved potential for employability. Issues may cover the following and beyond: Range of core / Elective options offered by the University and those opted by the college; Choice Based Credit System and range of subject options; Courses offered in modular form; Credit Transfer and accumulation facility; Lateral and vertical mobility within and across programmes and courses and Enrichment courses.

The curriculum is designed by the University with inherent flexibility. The college offers this curriculum to students in a manner that provides varied options to choose from as per their interests, aptitude and scope at First Year for Science students and at First and Third Year levels for Arts students.

- a) At UG level the college offers 11 Honours programmes in Arts and 12 Honours programmes in Science, One BCA program and one B.Com Honours program. Besides these we have two technical education program such as B.Ed. and B.P. Ed approved by NCTE. At PG level, seven programmes are available in Arts and in Science.
- b) All the PG Departments along with BCA follow semester system.
- c) The students have the flexibility to choose the elective subjects as follows:

**Table 1.4 Subject bunching**

Hons. Subject	General Sub-1	General Sub-2
Bengali	History/ Economics/ Sanskrit/ Physical Education	Political Science/ Music/ Philosophy
Economics	Bengali/ Santali/ English/ Geography/ Education	Political Science/ Music/Philosophy
Education	History, Economics, Sanskrit, Physical Education	Political Science/ Music/Philosophy
English	History, Economics, Sanskrit, Physical Education	Political Science, Music, Philosophy
Geography	History, Sanskrit	Political Science, Music
History	Bengali, Santali, English, Geography, Education	Political Science, Music, Philosophy
Music	Bengali, Santali, English, Geography, Education	History, Economics, Sanskrit, Physical Education
Philosophy	Bengali, Santali, English, Geography, Education	History, Economics, Sanskrit, Physical Education
Political Science	Bengali, Santali, English, Geography, Education	History, Economics, Sanskrit, Physical Education
Sanskrit	Bengali, Santali, English, Geography, Education	Political Science, Music, Philosophy
Santali	History, Economics, Sanskrit, Physical Education	Political Science, Music, Philosophy

Subject Bunching for B.Sc. (Hons.):

Hons. Subject	General subject 1	General Subject 2
Biotechnology	Chemistry	Zoology/ Physiology
Botany	Zoology/Chemistry	Physiology/Chemistry
Chemistry	Physics	Mathematics
Computer Science	Mathematics	Physics
Economics	Mathematics	Physics/Geography
Geography	Economics	Mathematics/Physics



Mathematics	Physics	Chemistry/Computer Science
Microbiology	Chemistry	Zoology/Physiology
Physics	Mathematics	Chemistry/ Computer Science
Physiology	Zoology/Chemistry	Botany/ Chemistry
Zoology	Physiology/Chemistry	Botany/Chemistry

Subject Bunching for B.C.A.:

Subject	Combination subject-1	Combination subject-2
BCA	N.A.	N.A.

Subject Bunching for B.Com (Hons.):

Subject	Combination sub-1	Combination subject-2
Accounting & Finance	Common papers for both Hons. and Gen.	Elective papers for Hons.

Subject Bunching for BA General (Day shift):

Combination Subject-1	Combination subject-2	Combination subject-3
Bengali/Santali / History/Economics	Political Science/ Music/ English / Geography/ Education	Philosophy/Sanskrit/ Physical Education/Mathematics

Subject Bunching for B.A. General (Morning shift):

Combination Subject-1	Combination subject-2	Combination subject-3
Bengali, History, Education, Philosophy, Pol. Sc., Sanskrit	Bengali, History, Education, Philosophy, Pol. Sc., Sanskrit	Bengali, History, Education, Philosophy, Pol. Sc., Sanskrit
Honours	General	General
Education (Hons)	Bengali, History, Philosophy, Pol. Sc., Sanskrit.	Bengali, History, Philosophy, Pol. Sc., Sanskrit.



Subject Bunching for B.Sc. (Pure General):

Combination subject-1	Combination subject-2	Combination subject-3
Mathematics	Physics	Chemistry/ Computer Science

Subject Bunching for B.Sc. (Bio General):

Combination subject-1	Combination subject-2	Combination subject-3
Botany	Physiology	Zoology

Subject Bunching for B. Com. (General):

Combination sub-1	Combination sub-2
Common papers	Elective papers for Gen.

Special Paper of P.G. Regular Courses

Sl. No.	P.G. Subjects	Special Papers
1	Physics and Techno-Physics	Electronics
2	History	1) State formation in ancient India 2) History and Historiography 3) State and Economy in Colonial India 4) Industrial Revolution-1
3	Chemistry	1) Organic Chemistry 2) Inorganic Chemistry 3) Physical Chemistry
4	Geography and Environmental Management	1) Urban Geography & Regional Planning 2) Remote Sensing & Geographic Information System
5	Applied Mathematics with Oceanology & Com. programming	Operation Research (O.R.)
6	Computer Science	Real Time System
7	Bengali	1) Drama 2) Folk Culture



Choice Based Credit System and range of subject options

The University does not have this flexibility to follow the CBCS system yet. As and when the University will adopt this we will follow suit.

Courses offered in modular form

All the courses have been designed in the modular form.

Credit transfer and accumulation facility

As the affiliating University does not offer this facility the college has not yet introduced this system

Lateral and vertical mobility within and across programmes and courses

The College does not offer this facility as the affiliating University has not yet introduced such a system. Although, students are permitted horizontal mobility to other programmes up to three months after admission.

Enrichment courses

Although we do not have such programs yet but **we have applied for DBT-STAR college program where we have included seven Science Departments.**

1.2.4 Does the Institution offer self-financed programmes? If 'yes', list them and indicate how they differ from other programmes, with reference to admission, curriculum, fee structure, teacher qualification, salary etc.

The college does not offer any self financed program.

1.2.5 Does the college provide additional skill oriented programmes, relevant to regional and global employment markets? If 'yes', provide details of such programme and the beneficiaries.

As stated in 1.2.1 we have initiated different certificate and skill development courses as entrepreneurial initiative.

1.2.6 Does the University provide for flexibility of combining the conventional face to face and Distance Mode of Education for students to choose courses/ combination of their choice? "If 'yes', how does the institution take advantage of such provision for the benefit of students?"

No. the University does not provide for flexibility of combining the conventional face to face and distance mode of education for students.



1.3 Curriculum Enrichment

1.3.1 Describe the efforts made by the institution to supplement the University's Curriculum to ensure that the academic programmes and Institution's goals and objectives are integrated.

The college makes consistent efforts to supplement the University curriculum by organizing activities, which focus on integrating academic and general development of students. They are as follows:

- a) Guest lectures, extension lectures, face to face interactions between industry experts and students and panel discussions.
- b) Field work and field surveys in the form of short term projects.
- c) Preparation of theme-based posters by students.
- d) Use of language laboratory to improve basic linguistic skills of students.
- e) Assigning short term research projects to students under the guidance of teachers- as a result of which students published research papers in some departments such as Microbiology, Biotechnology etc..
- f) Department of Political science arrange and participate in Mock Parliament competition. They won prizes for several prizes during last two consecutive years
- g) Workshops, seminars, poster exhibitions, have been an integral part of the learning process.
- h) There are three NSS programs through which students participate blood donation camps, blood test etc. to provide the students an added opportunity to involve the spirit of unselfish service for all. NSS unit observed the following programs in 2013-14.
 1. Observation of Children's day [14th November 2013]
 2. Campus cleaning programme [29th November 2013]
 3. Observation day of Red ribbon club project (World AIDS day) [3rd December 2013]
 4. Organization of a Blood donation camp [3rd December 2013]
 5. Winter special camp (7 days) [22nd January – 28th January 2014]
 6. Observation of Republic Day (26th January 2014)
 7. Campus Cleaning (30th March 2014)
 8. Plantation in College Campus (5th June 2014)
 9. Thalassemia test on College campus (15th Nov. 2014 and Aug.26 2015)

In addition to this the college has applied for DBT-STAR college program where seven science departments have been added. By this program these departments can enrich the curriculum in addition to the specific syllabus.



1.3.2 What are the efforts made by the institution to enrich and organize the curriculum to enhance the experience of the students so as to cope with the need of the dynamic employment market?

It is a matter of prime concern for the institution that the students should be self-sufficient to prove their caliber in the competitive world and come out with flying colours.

- a) Our experienced faculty members first of all provide a very thorough presentation of the subjects which makes the theoretical foundation of the students firm.
- b) Regular discussion on the question pattern of different competitive exams. in the classes and beyond class hours result in successful qualification of our students in these examinations leading them to renowned institutes like the IITs, IISER etc. for higher studies and research.
- c) During seminars and workshops suggestions from scientists and industry people are sought for understanding the picture of the job market.
- d) Tata Consultancy Service recently organized the skill development program through which two students got job.
- e) Use of language lab. to improve the basic linguistic skills of students.

1.3.3 Enumerate the efforts made by the institution to integrate the cross cutting issues such as Gender, Climate Change, Environmental Education, Human Rights, ICT etc., into the Curriculum.

The college has an extremely proactive student forum that helps in creating awareness regarding social issues such as gender, environmental awareness and human rights through the following activities:

Gender Issues:

Generally, the gender problem is associated with community, class, economic and social aspects. The students, especially the female students are not free from the above aspects at the time of joining the college. Women's cell informs them about the different measures taken by the govt. and other agencies to protect their rights. Besides, teachers also try to motivate them to develop their confidence levels so that they can handle the unforeseen hazards in their own ways.

Social and environmental Issues:

1. Seminars and talks arranged in college for students of neighbouring schools.
2. Social activities like visiting local areas and identifying and studying the sanitation problems, health and education. Interaction with the children and staff in a local primary school.



3. Plantation of trees, cleanliness drive in the surrounding areas through NSS.
4. In the eve of Golden Jubilee celebration, the college took several steps to ensure the greenery all around, garbage recycling, cleaning the historic Midnapore canal that flows behind the main building.
5. Through direct interactions, our students try to eradicate the superstitions and fight against social stigma.

To motivate the parents and especially the mothers to avoid the school dropouts by sending their wards to the schools regularly.

Human rights:

The college inculcate the spirit of reverence and service towards all through a very natural way. Any complaint or grievance is given a patient hearing by the Grievance committee and necessary actions are taken accordingly.

ICT:

The college is equipped to provide a vivid exposure to ICT. All the Departments are being provided with LCD projectors with computers at hand for use. Recently IIT Bombay has introduced a course to educate different strata of students, teachers and non-teaching staff. We have collaborated with them as described in 1.2.1.

I.C.T. cum Language laboratory:

Language laboratory is an audio-visual well equipped fully computerized room that helps to develop the language proficiency, soft communication skills (the listening skills, reading skills, writing skills, speaking skills and also related to professional development skills like guidance and counseling in different fields of education and professional engagement. In our college we have Language Laboratory to train the students with smart language communication skills. Here we have innovative products such as digital multimedia control, wireless headsets and microphones, the interactive response pad, smart boards, computers, projectors etc. It develops the students' ability of speech sound movement and the speech production quality. Not only that they also get the software skills for developing their stress and intonation in speech production. In this way the students are getting trained with proper phonetics and phonology with language development skills and equipment.



1.3.4 What are the various value-added courses/ enrichment programmes offered to ensure holistic development of students? Moral and ethical values; Employable and life skills; better career options and Community orientation

- **Moral and ethical values**

“We want that education by which character is formed, strength of mind is increased, the intellect is expanded, and by which one can stand on one’s own feet.” Swami Vivekananda

Akhil Bharat Vivekananda Yuba Mahamandal, Registered office ‘BHUBAN-BHAVAN’ P.O. Balaram Dharma Sopan Khardaha, North 24 Parganas, West Bengal-700116, India, is organizing their **49th All India Youth Training Camp** from **25 to 30 December 2015** at Panskura Banamali College campus. Almost 2000 students from all over India will come to Panskura Banamali College for this event. This is the sixth time they organized such All India Training Camp in our college.

The Mahamandal has been working among the youth since 1967 with the ‘**Man-making, Character-building**’ ideas of Swami Vivekananda, with a view to nation building. Presently it has 310 centres in different States of India, including West Bengal, Bihar, Jharkhand, Orissa, Madhya Pradesh, Chhattisgarh, Karnataka, Tripura, Gujarat, Delhi, Uttaranchal, and Arunachal Pradesh.

The young men who join the Mahamandal, get complete training for all-round development of their physique, power of mental concentration, intelligence, and feeling for others. They become equipped with right ideas and acquire character qualities as well as leadership skills. There are three components in the makeup of man – the body, the mind, and the heart. Making of proper men, with balanced development of these three, is the fundamental work for nation building.

In addition to this, recently Governing Body has approved a **Karate training** course for male and female students inside the campus.

A seminar on “**Safety Riding & Rider Awareness**” organized by HONDA Motors will be held on 07-01-2016 at the college Auditorium Hall at 2-00 p.m.

- **Employable and life skills**

Proper understanding of the subjects and its applications and scopes, exposure to recent advances in research and individual project works and field studies laid the foundation for easy access to employment among our students. Please see 1.2.1.

- **Better career options**

Recently Governing Body has approved to initiate some Certificate Courses in the following departments viz;



- a) Physical Education - Six month Certificate Course in Yoga Therapy and Three months Certificate course in Sports Nutrition and Fitness.
- b) Microbiology – One month Certificate Course in Environmental Analysis.
- c) Biotechnology - One month Certificate Course in Vermicompost, One month Certificate Course in Bio-fertilizer Training, One month Certificate Course in Mushroom Cultivation, One month Certificate Course in Jam-Jelly-Sauce preparation.
- d) Computer Science – One month Certificate Course in MS Office and Web Designing.
- e) Economics – One month Certificate Course on Tax Assessment.
- f) Geography – Three weeks Certificate Course in Remote Sensing GIS.
- g) Commerce – Three month Certificate Course in Tally and Commercial Tax.
- h) Economics- three months course Securities market and mutual fund.

- **Community orientation**

In the college, the student community exhibits a wide cross-section of the society ranging from students who are coming from well-to-do backgrounds of the urban society to the students coming from rural settings. Intermingling amongst themselves in the college in a spirit of fraternity is itself a great opportunity for community orientation.

1.3.5 Citing a few examples enumerate on the extent of use of the feedback from stake holders in enriching the curriculum?

The feedback from the stakeholders is treated with utmost importance. The curriculum at the Undergraduate and Post graduate level is designed entirely by the University. Many of our teachers are involved in this process as BOS members. The suggestions made by their colleagues are conveyed to the respective BOS during the framing of the syllabus. In addition, the University arranges workshop where the departmental teachers can express their opinion. As per the feedback and requirements of the stakeholders:

- a) Experienced teachers are invited to take classes in their area of expertise.
- b) Renovation of lab spaces with more working space is done.
- c) Modern areas of interest are included in the PG syllabus.
- d) Time to time seminars are organized to provide a wider view.
- e) The PG curriculum is designed in such a way that the students gain expertise in the use of modern, essential, sophisticated instruments.
- f) New books have been purchased as per new syllabus.



1.3.6 How does the institution monitor and evaluate the quality of its enrichment programmes?

Though there is no formal mechanism for monitoring and evaluating the quality of enrichment programmes, the teachers obtain feedback from the participants, both in formal and informal ways towards the end of each programme. This helps in future planning to get the best out of such programmes.

- a) The results at the University level and at different national and state-level examinations reflect the efficacy of our policies for enrichment as indicated in 1.1.8.
- b) Publications by research scholars in various reputed journals are indicative of the impact of the infrastructure of the institution as described in Criterion III.

1.4 Feedback System

1.4.1 What are the contributions of the institution in the design and development of the curriculum prepared by the University?

The teachers of the college have always participated in preparation of the curricula of affiliating university

- a) The college has played a significant role in developing curricula for various subjects of different universities, deemed universities and autonomous colleges.
- b) They have also contributed as Members of the Board of Studies. Most of the teachers are Members of Board of Studies/ Sub Committee members/ expert members where they give their valuable inputs to restructuring of the curricula.
- c) Apart from this, the teachers also participate in ‘Syllabus-revision’ workshops organized by University. Teachers have also worked as Resource persons in workshops organized for syllabus restructuring. The teachers have been proactive in organizing “Syllabus revision” workshops in all the UG and PG subjects.

**Table 1.5 List of teachers involved in Curriculum related activities given**

Session	Department	Name of Teacher
2011-12	B.C.A.	Dr. Nirmal Kr. Mahapatra
	Philosophy	Nupur Sanyal Mukherjee
	Physical Education	Dr. Badshah Ghosh
	B.Ed.	Dr. Tapan Kr. Dutta
2012-13	Biotechnology	Prof. (Dr.) Nandan Bhattacharyya
	Philosophy	Nupur Sanyal Mukherjee
	Physical Education	Dr. Badshah Ghosh
	B.Ed.	Dr. Tapan Kr. Dutta
2013-14	Bengali	Dr. Biswaranjan Ghorai (PG)
	Biotechnology	Prof. (Dr.) Nandan Bhattacharyya
	Chemistry	Dr. Soumitra Mondal (UG)
		Dr. Pulakesh Bera (PG)
	Computer Sc.	Dr. Abhijit Kar Gupta (PG)
	Economics	Dr. Sugata Sen (UG)
	English	Kanak Kanti Bera
	Geography	Dr. Nirmalya Das
	History	Jitesh Chandra roy
	Mathematics	Dr. Nirmal Kr. Mahapatra (UG)
		Sanjib Kuila (PG)
	Microbiology	Dr. Soumitra Mondal (UG)
	Physical Education	Dr. Badshah Ghosh (UG)
	Physics	Dr. Mrityunjoy Das (PG)
	Physiology	Dr. Arunangshu Sinha (UG)
	Statistics	Dr. Tuhin Kr. Kar (UG)
B.Ed.	Dr. Tapan Kr. Dutta	
2014-15	Bengali	Dr. Biswaranjan Ghorai (PG)
	Biotechnology	Prof. (Dr.) Nandan Bhattacharyya
	Chemistry	Dr. Soumitra Mondal (UG)
		Dr. Pulakesh Bera (PG)
	Computer Sc.	Dr. Abhijit Kar Gupta (PG)
	Economics	Dr. Sugata Sen (UG)
	Geography	Dr. Nirmalya Das
	History	Mr. Ashutosh Sarkar
	Mathematics	Dr. Nirmal Kr. Mahapatra (PG)
	Microbiology	Dr. Soumitra Mondal (UG)
	Physical Education	Dr. Badshah Ghosh (UG)
	Physics	Dr. Mrityunjoy Das (PG)
	Physiology	Dr. Arunangshu Sinha (UG)
	Statistics	Dr. Tuhin Kr. Kar (UG)
B.Ed.	Dr. Tapan Kr. Dutta	



1.4.2 Is there a formal mechanism to obtain feedback from students and stakeholders on Curriculum? If 'yes', how is it communicated to the University and made use internally for curriculum enrichment and introducing changes/new programmes?

Yes. We are using online feedback from students, Parents, and alumni. The inputs are being discussed by the IQAC and the corresponding teacher(s). The curriculum design and restructuring is essentially the responsibility of the University. The college, however, provides valuable inputs through our BOS members to the process by way of seeking feedback in many ways such as:

- a) Informal discussions with students, alumni and parents.
- b) Suggestions from peers, employers / industry and community.
- c) This feedback is passed on to the concerned Board of Studies at the workshops on curriculum revision by our BOS members.

1.4.3 How many new programmes/ courses were introduced by the institution during the last four years? What was the rationale for introducing new courses/programmes?)

The list of new programmes added during the last four years is as follows:

Five PG programs have been introduced during last four years (M.A. in Bengali, and History and M.Sc. in Mathematics, Physics and Geography. Another PG. program M.P.Ed. will be introduced from next session for which NCTE and University approval had been obtained. For opening M.Ed. program we already have submitted the application to West Bengal Higher Education Department and NCTE.

1.4.4. Any other relevant information regarding curricular aspects which the college would like to include.

Recently, we have received Rs 25 lacs from the Department of Biotechnology, Govt. of West Bengal for the purchase of Instruments. In addition, we have also received Rs 80 lacs from DST-FIST for overall development of academic and research of Science Department of the College.

CRITERION – II

TEACHING - LEARNING AND EVALUATION



2.1 Student Enrolment and Profile

2.1.1 *How does the college ensure publicity and transparency in the admission process?*

The college ensures publicity in the admission process by the following measures taken by the admission committee:

- a) Displaying the details regarding the admission process on the official college website www.panskurabanamalicollege.org; and onlineadmissionpanskurabanamalicollege.org.
- b) Admission process is notified on the college notice board.
- c) Advertisement in the well circulated newspapers like *Bartaman* and *The Statesman* during Undergraduate and Postgraduate admissions.
- d) The annual college prospectus also provides details of the entire admission procedure which can be obtained from our website.

Information regarding admission criteria, programmes offered, endowments, scholarships/free-ships, hostel accommodation and other student support facilities are provided in the college prospectus.

The college follows **Online Admission process** which is widely publicized and is transparent. The **online process** brings better control over the process. Application forms reach out to a wider section of the student community. Applicant can apply anytime and from anywhere. The direct benefits of the online system are **transparency** in the whole process, 24 X 7 availability, removal of geographical boundaries, absence of long queues, reduction in paper work, reduction of human involvement; accurate, reliable and user friendly process. *Our college is the only college in the District of Purba and Paschim Medinipur under Vidyasagar University who had completed online admission process literally. The students did not have to come to college for admission before class starts. Hence the whole process was transparent.*

2.1.2 *Explain in detail the criteria adopted and process of admission (Ex. (i) merit (ii) common admission test conducted by state agencies and national agencies (iii) combination of merit and entrance test or merit, entrance test and interview (iv) any other) to various programmes of the Institution.*

The admission committee constituted for both UG/PG courses is entrusted with the responsibility of monitoring the complete admission process. The **criteria** adopted for the process of admission to all programmes are based on **principles of merit and**



reservation as per rules and regulations of State government and University received from time to time.

Students visit the admission sections of the website of the college. The online admission system allows the student to fill the application through the web and submit it. The eligibility criteria, number of seats, and selection criteria are mentioned on the website. Merit lists of eligible students are generated through the admission module of the software and published on the website as well as on the notice boards of the college. College is in the process of receiving the application fees online through the integrated payment gateway. The following is the glimpse of what we have followed for online admission last year.

FOR U.G. ADMISSION

Merit List Preparation:

Merit list is prepared on the basis of the following.

For Hons. Course:

- Merit point score is prepared taking 100% of Hons. Subject applied for together with 10% of the best five subjects at the H.S. or equivalent exam.
- For Botany (H), Physiology (H) & Zoology (H) - Marks of Biology+10% of best five subjects.
- For Computer Sc. (Hons.) -Marks of Computer Science/Mathematics +10% of best five subjects.
- For B.C.A. - Marks of Computer Science/Mathematics/Computer Applications +10% of best five subjects.
- For Biotechnology (H) & Microbiology (H) - Marks of Chemistry+10% of best five subjects.
- For students from pure science who applied for Hons. in Accounting & Finance - Marks of Mathematics +10% of best five subjects.

For Gen. Course:

- 10% marks of the best five subjects.
- For subject bunching please see 1.2.3.

**Table 2.1 Intake Capacity for Honours subjects:**

Hons. Subject	Gen	SC	ST	OBC (A)	OBC (B)	PH					Total
						Gen	SC	ST	OBC (A)	OBC (B)	
Bengali	92	35	10	13	10	3	1	0	0	0	164
Education	59	22	6	9	6	2	1	0	0	0	105
English	75	28	8	11	8	2	1	0	0	0	133
History	92	35	10	13	10	3	1	0	0	0	164
Music	33	11	3	2	2	1	0	0	0	0	52
Philosophy	38	15	4	5	4	1	0	0	0	0	67
Political Science	63	23	7	9	7	2	1	0	0	0	112
Sanskrit	33	11	3	2	2	1	0	0	0	0	52
Santali	33	11	3	2	2	1	0	0	0	0	52
Botany	30	12	3	4	3	1	0	0	0	0	53
Biotechnology	37	15	4	5	4	1	0	0	0	0	66
Chemistry	46	17	5	6	5	1	1	0	0	0	81
Computer Sc	46	17	5	6	5	1	1	0	0	0	81
B.C.A.	46	17	5	6							
Economics (B.A. +B.Sc.)	38	15	4	5	4	1	0	0	0	0	67
Geography (B.A. +B.Sc.)	46	17	5	6	5	1	1	0	0	0	81
Mathematics	63	23	7	9	7	2	1	0	0	0	112
Microbiology	37	15	4	5	4	1	0	0	0	0	66
Physics	46	17	5	6	5	1	1	0	0	0	81
Physiology	30	12	3	4	3	1	0	0	0	0	53
Zoology	30	12	3	4	3	1	0	0	0	0	53
Accounting & Finance	95	37	10	13	10	3	1	0	0	0	169

N.B. - Candidates of Reserved Category (i.e., SC, ST, OBC-A, OBC-B, PH-Gen, PH-SC, PH-ST, and PH-OBC-A & OBC-B) are empanelled in Merit lists of both General and their respective Categories.



Eligibility Criteria for Application and Entrance System
Post Graduate Courses 2015-16 (As per Vidyasagar University Rule)

Arts:

- i. 45% marks in Hons. (For Gen. Candidates)
- ii. 40% marks in Hons. (For SC/ST/OBC-A/OBC-B/PWD candidates)

Science:

- i. 50% marks in Hons. (For Gen. candidates)
- ii. 45% marks in Hons. (for SC/ST/OBC-A/OBC-B/PWD candidates)
- iii. The students of V.U. may appear at the Entrance Test and in that case they have to secure the minimum marks as specified above.

Entrance Procedure:

- i. Questions will be of MCQ pattern.
- ii. Full Marks- 50; Total no. of Questions-50.
- iii. Time- One and a half hour.
- iv. Questions will be set in English, except in Bengali subject.

A. For students affiliated to Vidyasagar University:

1. 60% of total seats in each subject is reserved for the students of Vidyasagar University.
2. Selection is made strictly on merit basis. Marks obtained in Honours is the main criteria for students of Vidyasagar University.
3. Honours candidates of the current session and the immediately preceding session are considered equally. In the case of equal marks in Honours, total marks / percentage of marks of immediately preceding Examination are to be taken into account for ranking.
4. Quota for SC/ ST/ OBC – A, OBC –B and Persons with Disability (PWD) candidates is considered as per Govt. rule. Merit list is prepared on the percentage of PWD.
5. In case of non availability of PWD candidate, the seat reserved for PWD is converted to General Category so that more students can reach the arena of higher education.

B. For students of Other University/Vidyasagar University:

1. 40% seats are available for Open Competition.
2. The students of other universities have to appear at the Entrance Test as per scheduled of the college published in the college website.



3. *Students of other university who have passed the UG (Hons.) exam or appeared at the final year exam of UG (Hons.) may apply for open competition but applicants have to submit the copy of final examination mark sheet before publishing the merit list for admission.*
4. Merit list for 40% seats is prepared on the basis of marks obtained in the entrance test.

2.1.3 Give the minimum and maximum percentage of marks for admission at entry level for each of the programmes offered by the college and provide a comparison with other colleges of the affiliating university within the city/district.

Table 2.2 Cut off Marks (2011 – 2012)

NAME OF COURSE	SUBJECT	MAXIMUM NUMBER	MINIMUM NUMBER
BA Hons	Bengali	78%	65%
BA Hons	English	77%	59%
BA Hons	History	55%	43%
BA Hons	Pol. Science	61%	45%
BA Hons	Education	77%	68%
BA Hons	Sanskrit	72%	59%
BA Hons	Music	61%	49%
BA Hons	Santali	55%	47%
BA Hons	Philosophy	62%	48%
B.Sc. Hons	Physics	86%	69%
B.Sc. Hons	Chemistry	84%	73%
B.Sc. Hons	Mathematics	83%	56%
B.Sc. Hons	Zoology	82%	66%
B.Sc. Hons	Botany	79%	51%
B.Sc. Hons	Physiology	71%	56%
B.Sc. Hons	Micro-biology	66%	56%
B.Sc. Hons	Bio-technology	56%	50%
B.Sc. Hons	Economics	60%	52%
B.Sc. Hons	Computer Science	61%	53%
B.Sc. Hons	Geography	79%	72%
	BCA	68%	57%
B.Com. Hons	Accountancy	79%	45%
M.Sc.	Chemistry	61%	56%
M.Sc.	COMPUTER.SC.	58%	51%

**Table 2.3 Cut off Marks (2012 – 2013)**

NAME OF COURSE	SUBJECT	MAXIMUM NUMBER	MINIMUM NUMBER
BA Hons	Bengali	73%	64%
BA Hons	English	73%	52%
BA Hons	History	76%	47%
BA Hons	Pol. Science	62%	45%
BA Hons	Education	81%	65%
BA Hons	Sanskrit	78%	55%
BA Hons	Music	60%	48%
BA Hons	Santali	55%	46%
BA Hons	Philosophy	62%	45%
B.Sc. Hons	Physics	89%	73%
B.Sc. Hons	Chemistry	84%	75%
B.Sc. Hons	Mathematics	84%	47%
B.Sc. Hons	Zoology	78%	65%
B.Sc. Hons	Botany	80%	55%
B.Sc. Hons	Physiology	82%	61%
B.Sc. Hons	Micro-biology	64%	49%
B.Sc. Hons	Bio-technology	59%	47%
B.Sc. Hons	Economics	58%	45%
B.Sc. Hons	Computer Sc.	42%	50%
B.Sc. Hons	Geography	85%	68%
	BCA	69%	57%
B.Com. Hons	Accountancy	83%	52%
M.Sc.	CHEMISTRY	62%	56%
M.Sc.	COMPUTER.SC.	65%	50%

**Table 2.4 Cut off Marks (2013 – 2014)**

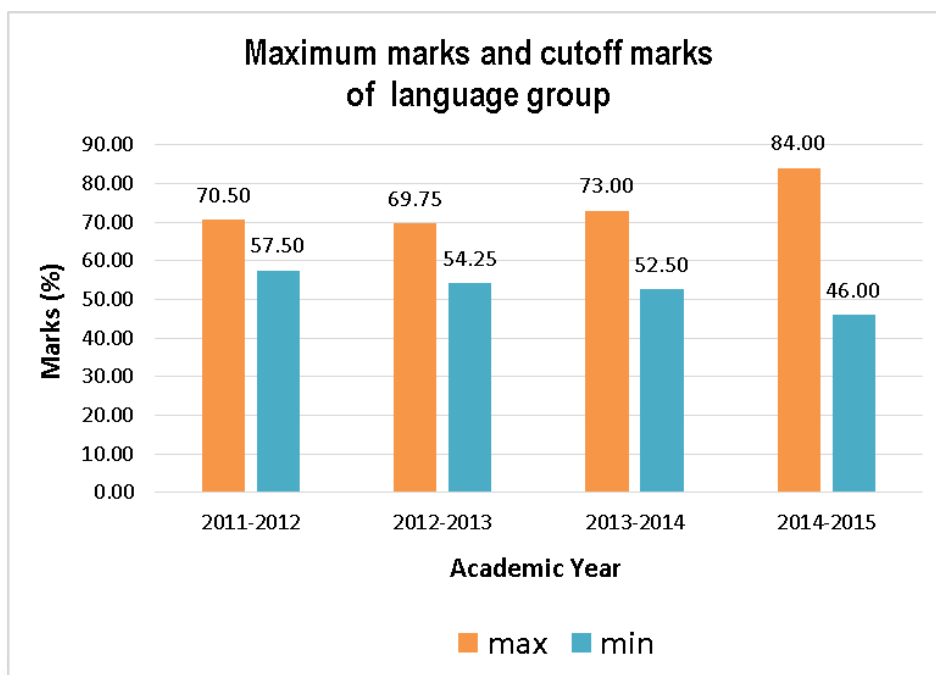
NAME OF COURSE	SUBJECT	MAXIMUM NUMBER	MINIMUM NUMBER
BA Hons	Bengali	65%	51%
BA Hons	English	84%	57%
BA Hons	History	69%	46%
BA Hons	Pol. Science	65%	45%
BA Hons	Education	82%	43%
BA Hons	Sanskrit	81%	47%
BA Hons	Music	65%	46%
BA Hons	Santali	62%	55%
BA Hons	Philosophy	76%	50%
B.Sc. Hons	Physics	82%	74%
B.Sc. Hons	Chemistry	85%	60%
B.Sc. Hons	Mathematics	73%	53%
B.Sc. Hons	Zoology	81%	51%
B.Sc. Hons	Botany	75%	53%
B.Sc. Hons	Physiology	81%	47%
B.Sc. Hons	Micro-biology	71%	53%
B.Sc. Hons	Bio-technology	76%	49%
B.Sc. Hons	Economics	66%	45%
B.Sc. Hons	Computer Sc.	70%	60%
B.Sc. Hons	Geography	87%	50%
	BCA	78%	52%
B.Com. Hons	Accountancy	76%	58%

M.A.	BENGALI	59%	44%
M.A.	HISTORY	59%	42%
M.Sc.	PHYSICS	70%	46%
M.Sc.	CHEMISTRY	64%	46%
M.Sc.	MATH	65%	50%
M.Sc.	GEOGRAPHY	56%	47%
M.Sc.	COMPUTER.SC.	73%	52%

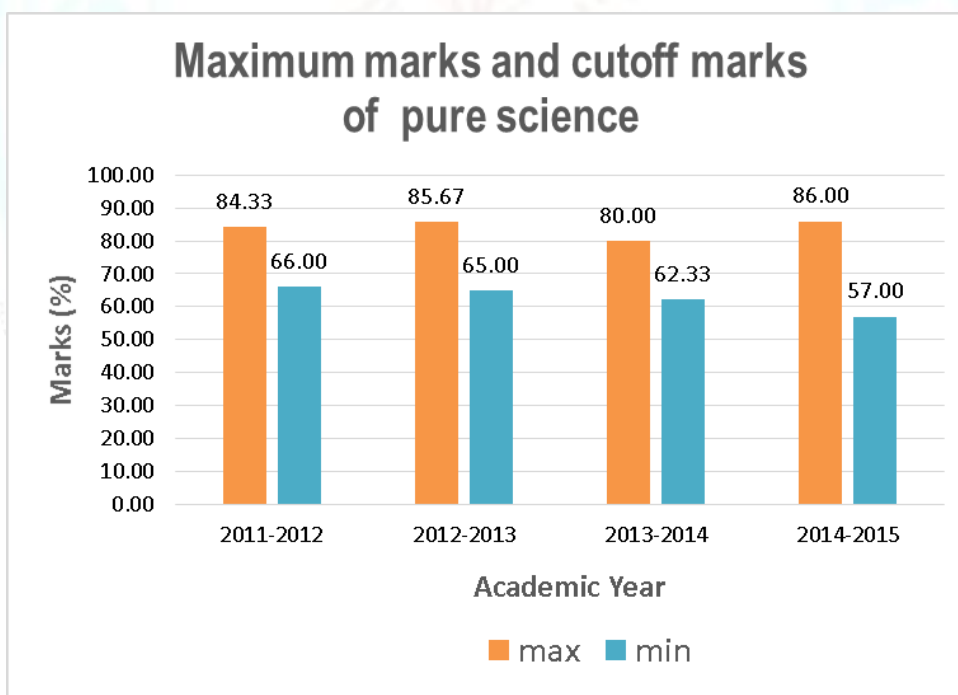
**Table 2.5 Cut off Marks (2014 – 2015)**

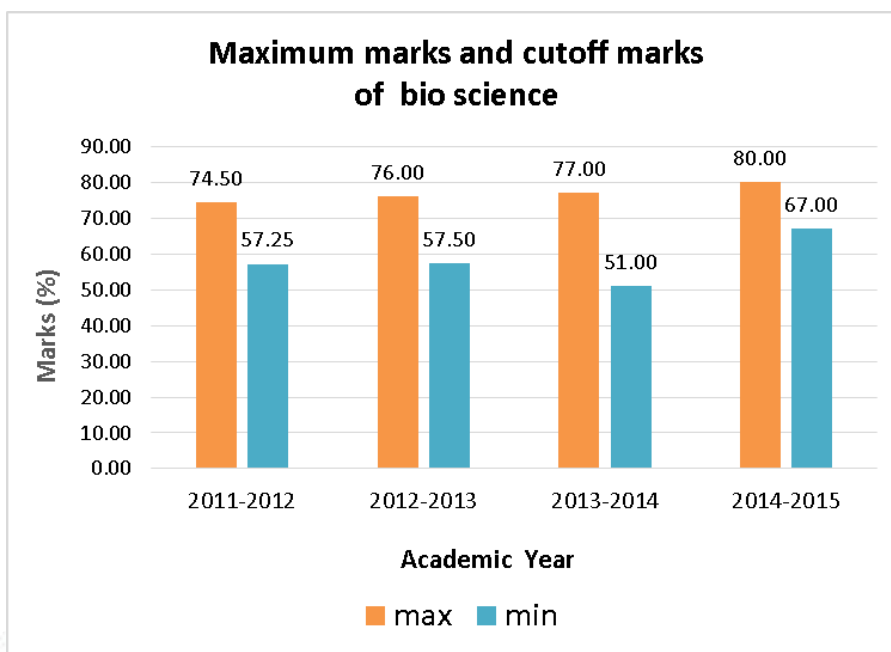
NAME OF COURSE	SUBJECT	MAXIMUM NUMBER	MINIMUM NUMBER
BA Hons	Bengali	74%	54%
BA Hons	English	84%	67%
BA Hons	History	71%	46%
BA Hons	Pol. Science	80%	52%
BA Hons	Education	77%	61%
BA Hons	Sanskrit	84%	69%
BA Hons	Music	63%	59%
BA Hons	Santali	75%	46%
BA Hons	Philosophy	75%	65%
B.Sc. Hons	Physics	84%	72%
B.Sc. Hons	Chemistry	86%	80%
B.Sc. Hons	Mathematics	84%	57%
B.Sc. Hons	Zoology	79%	74%
B.Sc. Hons	Botany	80%	72%
B.Sc. Hons	Physiology	78%	67%
B.Sc. Hons	Micro-biology	72%	49%
B.Sc. Hons	Bio-technology	67%	51%
B.Sc. Hons	Economics	76%	45%
B.Sc. Hons	Computer Science	70%	51%
B.Sc. Hons	Geography	81%	77%
	BCA	73%	50%
B.Com. Hons	Accountancy	79%	46%

M.A.	BENGALI	61%	46%
M.A.	HISTORY	60%	50%
M.Sc.	PHYSICS	68%	55%
M.Sc.	CHEMISTRY	64%	53%
M.Sc.	MATHS.	66%	50%
M.Sc.	GEOGRAPHY	59%	51%
M.Sc.	COMPUTER.SC.	60%	51%

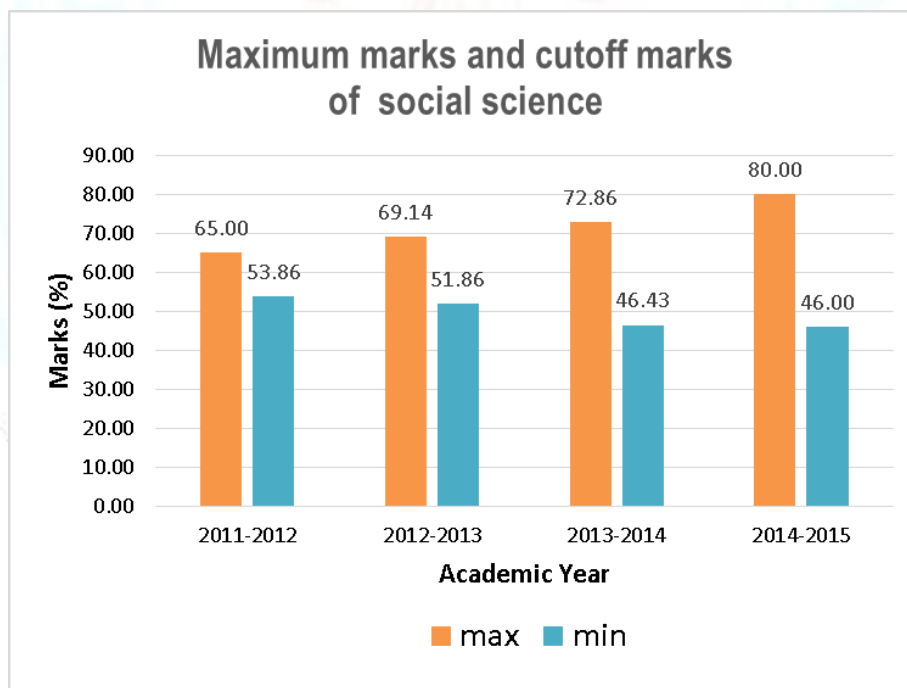


The above data shows the progression of upper cut off marks in language group.

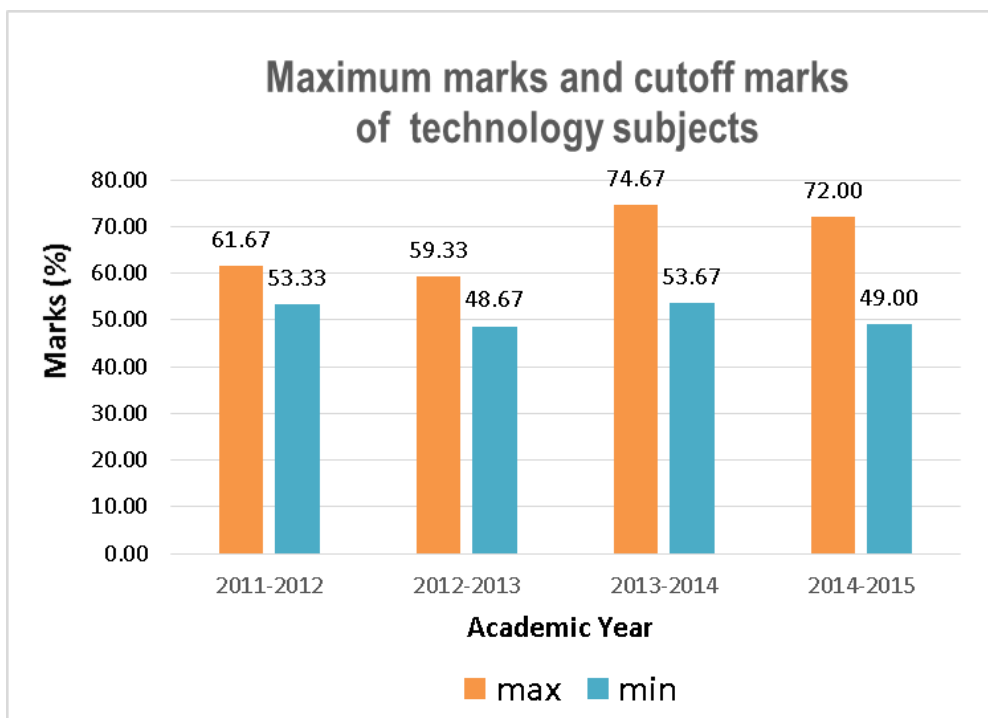




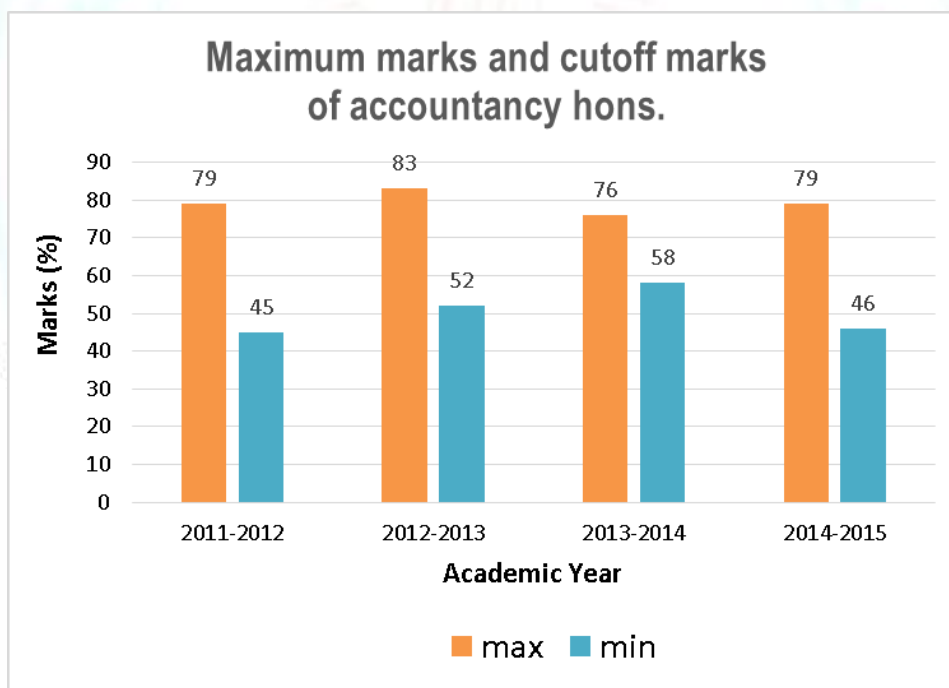
This data also shows the progression of upper cut off marks



This data also shows the progression of upper cut off marks



This data also shows the progression of upper cut off marks





We had two M.Sc. courses before 2013. Since 2013-14 session we have started 5 more M.A. and M.Sc. courses. Hence, in the previous two years we have included the cut off marks of two subjects only.

2.1.4 Is there a mechanism in the institution to review the admission process and student profiles annually? If 'yes', what is the outcome of such an effort and how has it contributed to the improvement of the process?

Prior to the admissions, Admission Sub-committee meetings are held where the admission criterion is fixed and other necessary changes related to admission are also discussed. Apart from that, the Principal also consults the Heads of the Departments and other faculty for further suggestions. In this way, the admission procedure is revised as and when required.

Detailed student profiles are maintained systematically both as hardcopies and also as e-data in computerized format. This enables any sort of statistical analysis and review in a much easier way. Any reference regarding admission is always ready at hand and helps to take decisions during the subsequent batches.

Outcome: The outcome of the process results in a fair and transparent admission process. Suggestions for improvement in the current admission process are considered for the future admission process. As a result of this mechanism, the admission process has been streamlined and provides an insight into the demographic data of the students.

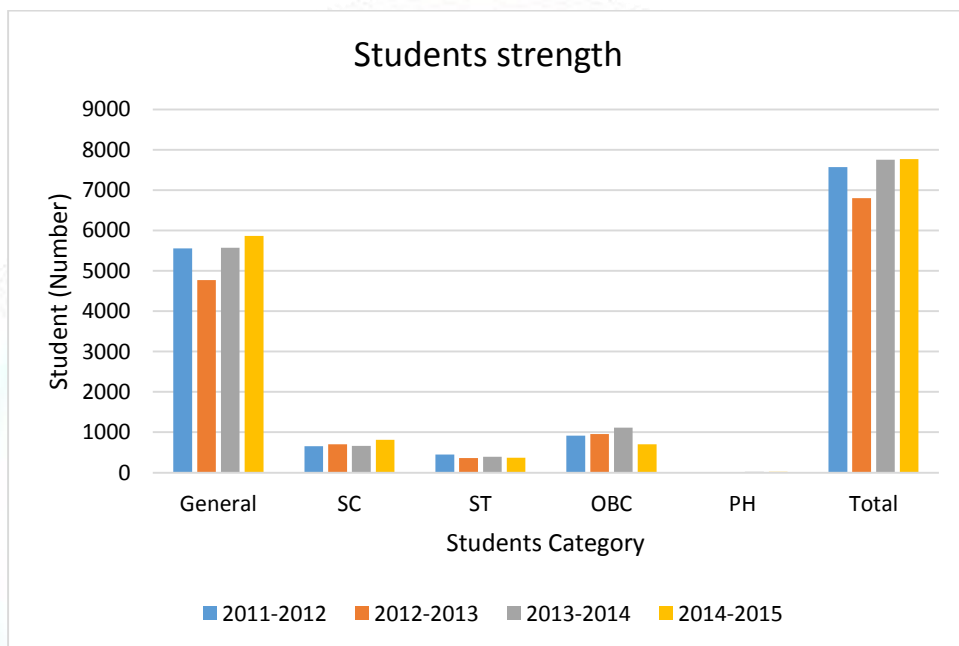
2.1.5 Reflecting on the strategies adopted to increase/improve access for following categories of students, enumerate on how the admission policy of the institution and its student profiles demonstrate/reflect the National commitment to diversity and inclusion.

- **SC/ST**
- **OBC**
- **Women**
- **Differently able**
- **Economically weaker sections**
- **Minority community**
- **Any other**

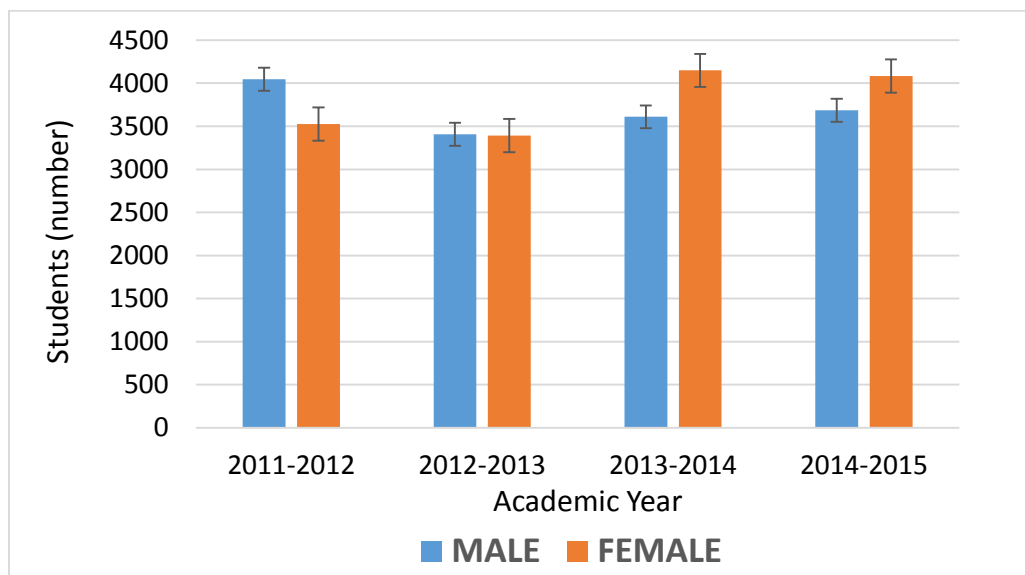
The college is committed to the National policy of diversity and inclusion of students from all strata of society. The reservation policy prescribed by the Government of West Bengal with respect to marginalized students and women is followed. This is reflected in the student profile presented as follows:



YEAR	General	SC	ST	OBC	PH	Total
2011-2012	5556	652	448	915	01	7572
2012-2013	4774	704	364	953	5	6800
2013-2014	5573	662	391	1117	16	7759
2014-2015	5865	811	372	699	22	7769



YEAR	MALE	FEMALE
2011-2012	4046	3526
2012-2013	3408	3392
2013-2014	3610	4149
2014-2015	3685	4084



The graph indicates that the numbers of female students are gradually increasing signifying the fact that the campus is female student friendly. In addition, it justifies the proper implementation of gender sensitization program.

2.1.6 *Provide the following details for various programmes offered by the institution during the last four years and comment on the trends i.e. reasons for increase/decrease and actions initiated for improvement.*

**Table 2.6 Course offered 2011 - 2012**

NAME OF COURSE	SUBJECT	APPLICATION RECEIVED	ENROLLED	DEMAND RATIO
BA Hons	BNGH	878	127	6.91
BA Hons	ENGH	710	106	6.70
BA Hons	HISH	392	118	3.32
BA Hons	PLSH	107	73	1.47
BA Hons	EDCH	388	84	4.62
BA Hons	SANH	817	48	17.02
BA Hons	MUCH	42	31	1.35
BA Hons	SNTH	101	38	2.66
BA Hons	PHIH	225	51	4.41
B.Sc. Hons	PHSH	755	72	10.49
B.Sc. Hons	CEMH	674	53	12.72
B.Sc. Hons	MTMH	752	72	10.44
B.Sc. Hons	ZOOH	478	40	11.95
B.Sc. Hons	BOTH	258	33	7.82
B.Sc. Hons	PHYH	203	35	5.80
B.Sc. Hons	MCBH	130	19	6.84
B.Sc. Hons	BITH	59	05	11.80
B.Sc. Hons	ECOH	11	10	1.10
B.Sc. Hons	COSH	110	32	3.44
B.Sc. Hons	GEOH (B.Sc.)	1126	66	17.06
	BCA	209	47	4.45
B.Com. Hons	ACNH	200	127	1.57

**Table 2.7 Course offered 2012 - 2013**

NAME OF COURSE	SUBJECT	APPLICATION RECEIVED	ENROLLED	DEMAND RATIO
BA Hons	BNGH	609	128	4.76
BA Hons	ENGH	963	127	7.58
BA Hons	HISH	334	129	2.59
BA Hons	PLSH	93	53	1.75
BA Hons	EDCH	576	88	6.55
BA Hons	SANH	450	49	9.18
BA Hons	MUCH	41	26	1.58
BA Hons	SNTH	103	47	2.19
BA Hons	PHIH	201	45	4.47
B.Sc. Hons	PHSH	735	63	11.67
B.Sc. Hons	CEMH	719	67	10.73
B.Sc. Hons	MTMH	354	81	4.37
B.Sc. Hons	ZOOH	485	40	12.13
B.Sc. Hons	BOTH	262	35	7.49
B.Sc. Hons	PHYH	223	37	6.03
B.Sc. Hons	MCBH	104	34	3.06
B.Sc. Hons	BITH	39	10	3.90
B.Sc. Hons	ECOH	07	07	1.00
B.Sc. Hons	COSH	64	30	2.13
B.Sc. Hons	GEOH (B.Sc.)	961	76	12.64
	BCA	234	65	3.60
B.Com. Hons	ACNH	142	117	1.21

**Table 2.8 Course offered 2013 - 2014**

NAME OF COURSE	SUBJECT	APPLICATION RECEIVED	ENROLLED	DEMAND RATIO
BA Hons	BNGH	821	131	6.27
BA Hons	ENGH	919	110	8.35
BA Hons	HISH	212	101	2.10
BA Hons	PLSH	60	21	2.86
BA Hons	EDCH	618	88	7.02
BA Hons	SANH	371	46	8.07
BA Hons	MUCH	29	20	1.45
BA Hons	SNTH	105	42	2.50
BA Hons	PHIH	133	46	2.89
B.Sc. Hons	PHSH	470	47	10.00
B.Sc. Hons	CEMH	779	65	11.98
B.Sc. Hons	MTMH	607	62	9.79
B.Sc. Hons	ZOOH	598	34	17.59
B.Sc. Hons	BOTH	304	37	8.22
B.Sc. Hons	PHYH	273	36	7.58
B.Sc. Hons	MCBH	91	48	1.90
B.Sc. Hons	BITH	35	35	1.00
B.Sc. Hons	ECOH	11	10	1.10
B.Sc. Hons	COSH	62	27	2.30
B.Sc. Hons	GEOH (B.Sc.)	663	67	9.90
	BCA	193	54	3.57
B.Com. Hons	ACNH	222	132	1.68

**Table 2.9 Course offered 2014 - 2015**

NAME OF COURSE	SUBJECT	APPLICATION RECEIVED	ENROLLED	DEMAND RATIO
BA Hons	BNGH	646	149	4.34
BA Hons	ENGH	618	118	5.24
BA Hons	HISH	173	98	1.77
BA Hons	PLSH	39	20	1.95
BA Hons	EDCH	419	94	4.46
BA Hons	SANH	320	50	6.40
BA Hons	MUCH	32	14	2.29
BA Hons	SNTH	65	36	1.81
BA Hons	PHIH	105	45	2.33
B.Sc. Hons	PHSH	594	67	8.87
B.Sc. Hons	CEMH	664	71	9.35
B.Sc. Hons	MTMH	406	85	4.78
B.Sc. Hons	ZOOH	778	50	15.56
B.Sc. Hons	BOTH	343	47	7.30
B.Sc. Hons	PHYH	336	48	7.00
B.Sc. Hons	MCBH	85	47	1.81
B.Sc. Hons	BITH	44	44	1.00
B.Sc. Hons	ECOH	14	10	1.40
B.Sc. Hons	COSH	69	38	1.82
B.Sc. Hons	GEOH (B.Sc.)	794	77	10.31
	BCA	184	54	3.41
B.Com. Hons	ACNH	238	138	1.72

The decrease of demand ratio in some subject is due to the fact that a few new colleges have been established in the vicinity of the college. The students prefer to get admission in the neighbouring college to avoid rush in our college.



2.2 Catering to Student Diversity

2.2.1 *How does the institution cater to the need so differently-abled students and ensure adherence to government policies in this regard?*

A separate classroom is allocated in the ground-floor for differently-abled students as and when required. Special care is taken for differently-abled students whenever such students of other colleges come for University examinations etc. in our college. Writers are allowed to assist visually-challenged examinees. Extra time is allotted to such students according to the guidelines of the University. Ramp is made in the ground floor to move wheel chairs to carry such types of students.

2.2.2 *Does the institution assess the students' needs in terms of knowledge and skills before the commencement of the programme? If 'yes', give details on the process.*

Yes, since the inception, the college assesses the need of the students of surrounding rural areas and is expanding continuously by introducing new courses at regular intervals and by enhancing the intake capacity of the existing courses and necessary infrastructure. At present 12 honours courses in BA, 12 honours courses in BSc, PG courses in 7 subjects apart from two training courses B. Ed and B.P.Ed are running in this rural based college. College has got the permission from NCTE and VU to open M.P. Ed courses and will start the course from the coming session. In order to meet the demand of further knowledge and skill development of the B.Ed. students, the college is planning to introduce the M. Ed courses soon.

- (a) Academic Council also determine the students' needs during the **admission process**: This is handled by the members of the admission committee through individual counselling to help students in selecting appropriate subject combinations. University also has guidelines in this respect.
- (b) In the first (entry) year, during the initial two weeks of commencement of the academic year, teachers are instructed to take special efforts to take an overview of the background of the subjects the students have learnt in Std.XII. Revising the basics of these subjects helps in bridging the knowledge gap and brings weaker students at par with others.
- (c) During interactions in the classroom or during laboratory sessions, teachers identify the nature of support required and takes necessary steps.
- (d) Teachers update their teaching-plan so as to cater to the needs of the students.



Thorough analysis of the performance at the University exams are done both at the departmental meetings and meeting of the TC for detecting any sort of lacuna in the teaching-learning process. Students are asked for feedback to understand the difficulties from the learners' side. Formal feedback from the final year students also helps in realizing the pros and cons in the whole teaching process.

2.2.3 What are the strategies adopted by the institution to bridge the knowledge gap of the enrolled students (Bridge/Remedial/ Add-on/ Enrichment Courses, etc.) to enable them to cope with the programme of their choice?

During teaching a particular course, some allied topics which are necessary to understand the subject better, but is not directly included in the syllabus, is covered by the concerned teachers on a regular basis at the very onset of that topic.

The students joining this institute come from different backgrounds and initially the depth of knowledge in the related subjects vary. Care is taken to minimize the knowledge gap through remedial classes. Most of the students come from Bengali-medium schools. Instructions are given in both English and Bengali to smoothen the transition from mother-tongue to English during UG programmes. Special attention is given to needy and deserving students by the individual teachers.

In addition, we have applied for DBT-STAR program for enrichment courses to Department of Biotechnology (Government of India).

2.2.4 How does the college sensitize its staff and students on issues such as gender, inclusion, environment etc.?

a) Gender:

The Women Cell conducts a number of programmes on various issues related to gender problems.

An awareness Programme on **Gender Equality and Women Rights** was conducted on 13th December of every year so that the girls' students can propagate the issue inside and outside the campus in future. A special separate women cell has been formed by the GB to handle the gender issues. The cell regularly meets with the common female students and staff to realize the problem. On the advice of the cell college has constructed a girls' hostel using fund from UGC and college itself. In the meantime college has made temporary arrangement of accommodation of female students of B.P. Ed. inside the campus. The women cell points out to the insufficient toilet facilities for the girls' students in the campus. So new toilets and common rooms



are already made useable to the girls' students in Golden Jubilee Building. Initiatives are taken to make more toilets for them.

b) Inclusion:

A spirit of universal brotherhood irrespective of caste, creed and religion is another essential feature of Panskura Banamali College. So this universal, all-inclusive inter-personal relationship among all the students of the college although coming from different backgrounds of social, racial or religious denominations is unconsciously developed here. Time to time discussions on this issue of one single global family through seminars, discourses and books strengthen this spirit. Equal respect towards all religions and their Prophets are very much prominent note in this institution. Another all-inclusive feature of the college is reflected in its student composition comprising of students who come from cities as well as remote rural areas and at times from very constrained economic backgrounds. It is a matter of glory for the college to be able to attract such a heterogeneous student community.

c) Environment:

There is an Environmental Science subject mandatory for students of all the departments. Last but not the least, amidst the humdrum of the city, the institution is under a green cover, as if like an oasis. The calm and quite college campus provides a peaceful, academic ambience to the students, researchers and teachers to concentrate effortlessly in their pursuit of knowledge.

2.2.5 How does the institution identify and respond to special educational /learning needs of advanced learners?

The advanced learners are identified:

- a) During interactions in the classes the exceptionally brilliant students often become conspicuous to identify. Moreover, these students show keen interest to know more and come up with questions even beyond the class hours.
- b) The performance at college level and University exams also used to find out the advanced learners especially who may be otherwise shy and unassuming.
- c) During project works, field studies and presentations, the degree of research aptitude and thirst for knowledge becomes evident.

Advanced learners have higher expectations from the college. The college aptly identifies and responds to the special learning needs of advanced learners through the following means:

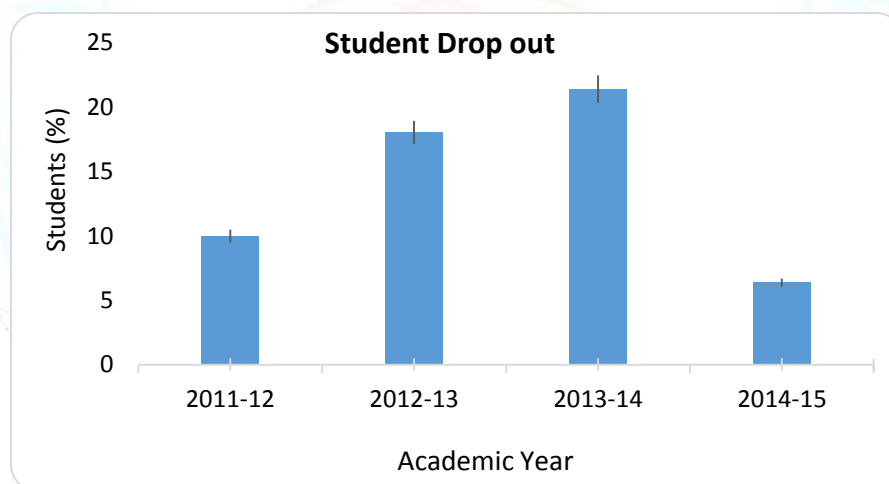


- a) Recommending reference books and journals as per their needs from departmental libraries.
- b) Access to various web resources provided by INFLIBNET and similar sources.
- c) Allowing them to spend more time in laboratories and making additional infrastructure available. Helping them to explore independently by conducting new experiments using research instruments.
- d) Helping them to build problem-solving abilities by providing hypothetical situations and real life cases.
- e) Encourage them to apply for summer / winter internships or on-the-job training.
- f) Help them to get live projects in industries, Research and Development institutes and in private enterprises, hospitals etc.

2.2.6 How does the institute collect, analyze and use the data and information on the academic performance (through the programme duration) of the students at risk of drop out (students from the disadvantaged sections of society, physically challenged, slow learners, economically weaker sections etc. Who may discontinue their studies if some sort of support is not provided)?

Drop out:

Although there is a trend of reduction of dropout rate, the college is trying its best to decrease the dropout rate further by taking the following measures.



The academic performance of the students is evaluated by the respective faculty members and the class in-charges. The heads of the various departments collect regular feedback from the faculty on the enrolment, attendance, punctuality and reasons for absenteeism for regular classes as well as for internal examinations to identify the



students at a risk of drop-out. Faculty members works as counsellors as well as mentors. Scholarships from govt. and non govt. agencies are arranged for students from weaker sections. College has fully utilised the *Kanyasree* Project of WB Govt. which is aimed at preventions of drop of the girl students due to early marriage and financial hindrance. Besides, this college spends 10% of its Tuition Fee collection as concession to the needy students. College also distribute books from its student's aid fund.

2.3 Teaching-Learning Process:

2.3.1 *How does the college plan and organize the teaching, learning and evaluation schedules? (Academic calendar, teaching plan, evaluation blue print, etc.)*

The affiliating University holds the final exam according to its own schedule in the UG level. The college arranges class tests on its own. In the PG level, the college conducts the examination in semester system according to its own schedule.

The college has a tentative academic schedule for each department. At the very onset of each academic session, a detailed academic plan is discussed. Assignments for individual teachers and class routine are fixed. In the beginning, the Principal of the college hold a meeting with the newly admitted students and gives an outline of the academic events of the session and also the spirit of the college. Later on the respective Head of the Departments and the faculty members provide an orientation regarding the curriculum, examinations and class schedules. The Heads of the Departments in consultation with the Principal prepares a draft for the examinations at least one month prior to the exam. Suggestions from the faculty members regarding exam pattern and exam schedule or classes are taken into consideration by the Teachers' council and necessary steps are taken accordingly.

Typical Course file contains the following things:

1. Time table
2. University Syllabus
3. Objective of the syllabus
4. Evaluation Procedure
5. Lecture Plan
6. Previous class test question paper
7. Previous University Question Papers
8. Model Question Paper



2.3.2 How does IQAC contribute to improve the teaching–learning process?

IQAC forms an integral part of academics and administration of the college. It has played an important role in streamlining the systems and processes as well as enhancing academic and other activities of the college. It is a connecting link between the teachers and the administration while working as a “facilitator” to enhance the quality of all college activities. The contribution of IQAC could be listed as follows:

- a) Use of ICT facilities to improve teaching-learning.
- b) Teachers to use different pedagogies for teaching.
- c) Ensuring availability of modern tools and techniques for all laboratories with reference to routine instruments, computers and high end instruments.
- d) Activating and facilitating all the committees of the college with regard to performance and provide support to the teachers for their academic, administrative and research endeavours.
- e) Monitoring academic activities throughout the semester through frequent meetings with Heads of various departments and suggesting means for quality sustenance and enhancement.
- f) Collecting feedback from students and stake holders on the classroom teaching and communicating it to concerned faculty.
- g) Carrying out academic audit of each faculty member at the end of every term.
- h) Motivating faculty members to participate in various seminars, workshops and conferences to enrich their knowledge.
Encouraging Sports and cultural programme.

2.3.3. How is learning made more student-centric? Give details on the support structures and systems available for teachers to develop skills like interactive learning, collaborative learning and independent learning among the students?

Proper attention is paid to make the learning process student-centric and to arouse the dormant skills, wisdom and investigative spirit in the students:

- a) Students are encouraged to ask questions during or beyond class hours for providing a clear grasp over the subject.
- b) Project works and field studies are designed to provide the students an opportunity to work on their own and develop original thinking.
- c) Students have free access to individual counselling from the faculty in academic and psycho-social issues.
- d) Depending on their individual areas of interest, the students are guided by the faculty to take the proper course of action for further higher studies.



- e) Apart from imparting a correct understanding of the curriculum, the college tries to address the entire personality of the student by providing emotional and spiritual nourishment through the strengthening, character-building ideas through seminars, books, regular discourses etc. So the institution tries to provide a strong foundation for a students' all round wellbeing.
- f) Sometimes students are being asked to take classes.

Interactive learning:

The students have lots of opportunities to interact with the faculty members of the college, and also scientists and academicians of other institutions. **All the departments have their own staff room for the better interaction among students and faculty members.** The classes also promote the spirit of interaction. Computers with internet facility in almost every department

Collaborative learning:

Various seminars are organized in the college in collaboration with other colleges and universities. This is another arena for academic exchange between two institutions. Various students are sent to other reputed research institutes for project works.

Independent learning:

Advanced students are guided by the faculty to progress beyond the curriculum. A rich collection of books and journals in the library supply resources for enrichment of the students to develop independently. Learning resources from NPTEL, INFLIBNET are made available by the college.

2.3.4 How does the institution nurture critical thinking, creativity and scientific temper among the students to transform them into life-long learners and innovators?

The college provides several opportunities to students, which promote critical thinking, creativity and scientific temper amongst the students.

- a) Project works and field studies provide a first-hand experience to dig deep and discover something to one's own amazement.
- b) Many students are sent for carrying out short-term internship in reputed research institutes like IICB, IACS, JU, KU etc.
- c) The college arranges seminars and lectures by eminent scientists and academicians where the students get an opportunity to interact with them.
- d) The PG students occasionally give Power-point presentations which enhance their power of expression and confidence in refuting their stand.



- e) Students are also guided and encouraged to participate in various Science seminars and symposium, Poster presentations, quiz competitions, debate competition, elocution etc. held in the college and also in other institutions.
- f) A rich collection of books and recent issues of scientific journals help the students to come in contact with the recent findings and also in developing critical thinking.
- g) In order to nurture creativity of students various cultural programmes are organised by all departments and students union. Students of Political Science department participate in inter college youth parliament competition organised by Govt. of WB.

With the monitory help of Parliamentary Affairs Department, Government of West Bengal, Panskura Banamali College has earned recognition for its participation in the **youth parliament programme, youth parliament quiz contest and extempore contest** organized by East Midnapur district administration. The college authority is deeply interested in this Endeavour and keeps eyes on the improvement of such engagement. The faculty members of the department of Political science train their students and involve them in these programmes every year and achieve respectable recognitions. In 2014-2015 session youth parliament team secured **first position in district level contest** and **third position in divisional level contest**. Further eight more students' secured individual awards in district level and two student secured individual awards in divisional level contest. We wish our college will gain more achievements in various levels of contest in future and we are working on this.

Table 2.10 Participation in Youth parliament programme

session	Youth Parliament programme	Team Position	Individual Position	Youth Parliament Quiz Contest	Position	Extempore
2011-2012	Participated	-	-	Participate	-	Participated
2012-2013	Participated	-	1 student (District level)	Participate	-	Participated
2013-2014	Participated	-	1 student (District level)	Participate	3 rd (2 students)	Participated
2014-2015	Participated	1 st (District level) 3 rd (Divisional level)	6 students (District level), 2 students (Divisional level)	Participate	3 rd (2 students)	Participated



2.3.5 What are the technologies and facilities available and used by the faculty for effective teaching? e.g.: Virtual laboratories, e-learning-resources from National Programme on Technology Enhanced Learning (NPTEL) and National Mission on Education through Information and Communication Technology (NME-ICT), open educational resources, mobile education, etc.

The college has added necessary hardware and software to equip more classrooms and laboratories with ICT facilities. Desk top computers, laptop computers, portable audio systems, projectors and screens have been procured. Faculty members make use of various teaching aids, e-learning sites, and NPTEL and NME-ICT resources. The facilities made available by the college to the faculty for effective teaching are:

- a) All the departments are provided with computers with internet facility, printers, scanners etc.
- b) Many department has classrooms with projectors for state-of-the art presentation.
- c) Completely computerized Library Catalogue is of great advantage for the faculty for quick service and systematic records. Students independently access the catalogues for knowing the availability, presence of different Text books and Reference books for their use.
- d) The college has many sophisticated scientific instruments for offering a first-hand experience to the students in handling these instruments. This expertise proves to be highly valuable for their future career in research.
- e) Separate instrument rooms and sophisticated research labs offer the faculty a congenial environment to carry on research along with teaching. This keeps the stream of knowledge flowing instead of becoming stagnant amidst bookish limitations.
- f) INFLIBNET facility helps the faculty to access e-journals and enrich their teaching.
- g) Teachers are encouraged to participate in special training programmes and summer/ visiting fellowships at centres of higher learning and excellence. The expertise gained by the teachers is shared with all for effective teaching.

2.3.6 How are the students and faculty exposed to advanced level of knowledge and skills (blended learning, expert lectures, seminars, workshops etc.)?

With advent of facilities like ICT facilities, audio-visual facilities and language laboratory, the faculty has started exploring the use of technology in teaching, which has resulted in implementing the blended learning process for students. Computer



assisted learning and digital materials are made available to the students to supplement classroom teaching.

(b) Expert lectures

Renowned personalities from all walks of life like scientists, consultants, businessmen, writers, actors and entrepreneurs are invited to the campus to interact with the students.

Table 2.11 Visit & Interaction with eminent persons

Sl. No.	Name	Designation	Institution
1	Dr. B.K.Das	Associated Professor	IIT Chennai
2	Dr. P.Mukhapaddhyay	Scientist	IMD, Pune
3	Dr. Sushan Konar	Scientist	NCEA, Pune
4	Dr. G.C. Debnath	Director, Metrology Dept.	Alipur, W.B.
5	Mr. O.Mladen	Research Fellow	London University
6	Dr. Samir Kumar Pal	Scientist	S.N.Bose Centre for Basic Science
7	Dr. N.C.Pramanik	Scientist	Centre for Material for Electronic Technology, Kerala
8	Dr. Malay Mukhopadhyay	Professor	Visva-Bharati University
9	Dr. Dipendranath Das	CSRD	J.N.U
10	Dr. Y Hazra	Associated Professor	B.K.Girls' College
11	Dr. Krishna Barua	Associated Professor	IIT Gauhati
12	Dr. Niladri Sekhar Dash	Associated Professor	Indian Statistical Institute, Kolkata
13	Dr. Panchanan Dalai	Assistant Professor	Banaras Hindu University
14	Dr. Aniket Jaware	Associated Professor	University of Pune
15	Dr. Sankar Prasad Singha	Professor	Vidyasagar University
16	Dr. Amrit Sen	Associated Professor	Visva Bharati University
17	Dr. Anil Bhuiinmali	Professor (VC)	Raigang University
18	Dr. D. Lohar	Professor	Jadavpur University
19	Dr. C.R. Mandal	Professor	Jadavpur University
20	Dr. A. Mukherjee	Professor	Jadavpur University
21	Dr. K. Rudra	Professor	Calcutta University
22	Dr. S. Mukherjee	Professor	Calcutta University



23	Dr. D. K. Paul	Professor	Papua Guinea Univ
24	Dr.B.K.Das	Associate Professor	IIT Chennai
25	Dr. Bikash Ranjan Pati	Professor	Vidyasagar University
26	Dr. Bijay Kr. Behera	Scientist	Central Inland Fisheriers research Institute, Barrackpore
27	Dr. D K Meena	Scientist	Central Inland Fisheriers research Institute, Barrackpore
28	Dr. Ranjan Chakraborti	Professor	Vice-Chancellor, Vidyasagar University
29	Dr. Hrishikesh Senapati	Professor	RIE, NCERT, Govt. of India
30	Dr. Atindra Nath Dey	Professor	Director, School of Education, NSOU, and ADPI, Govt. of W.B.
31	Dr. Viswa Venkat Gantait	Scientist	Zoological Survey of India
32	Dr. L. D. Behera	Professor	RIE (NCERT), Bhubaneswar
33	Dr. Benudhar Chinara	Professor	Viswabharati University.
34	Dr. Dulal Mukhopadhyay	Professor	Kalyani University
35	Dr. Aditi Ghosh	Professor	Calcutta University
36	Dr. Subhalaxmi Nandi	Professor	Kalyani University
37	Dr. A.B. Banerjee	Sr.Scientist	
38	Dr. Prasanta Maiti	Sr. Scientist	Head,R&D IMGENEX India Pvt.Ltd.
39	Dr. A.N.Dey	Professor	Director, School Education, NSOU, West Bengal.
40	Dr. Hiralal Adhikari	Professor	Barwdan University
41	Dr. Sudip Sundar Das	Professor	Jadavpur University
42	Dr. Ashok Biswas	Professor	Jadavpur University
43	Dr. Krishnendu Acharya	Professor	Calcutta University
44	Dr. Biplab Chakraborty	Professor	B.U., C.U. and Belur University
45	Rajkumar Kothari	Associate Professor	Vidyasagar University
46	Anil Kumar Jana	Professor	Vidyasagar University
47	Sidharthanath Manna	Assistant Professor	GourBanga University
48	Eyasin Khan	Assistant Professor	Vidyasagar University
49	Dr. Tanmay Bhattacharyya	Professor	Vidyasagar University
50	Dr. Susanta Kr.Chakraborty	Professor	Vidyasagar University

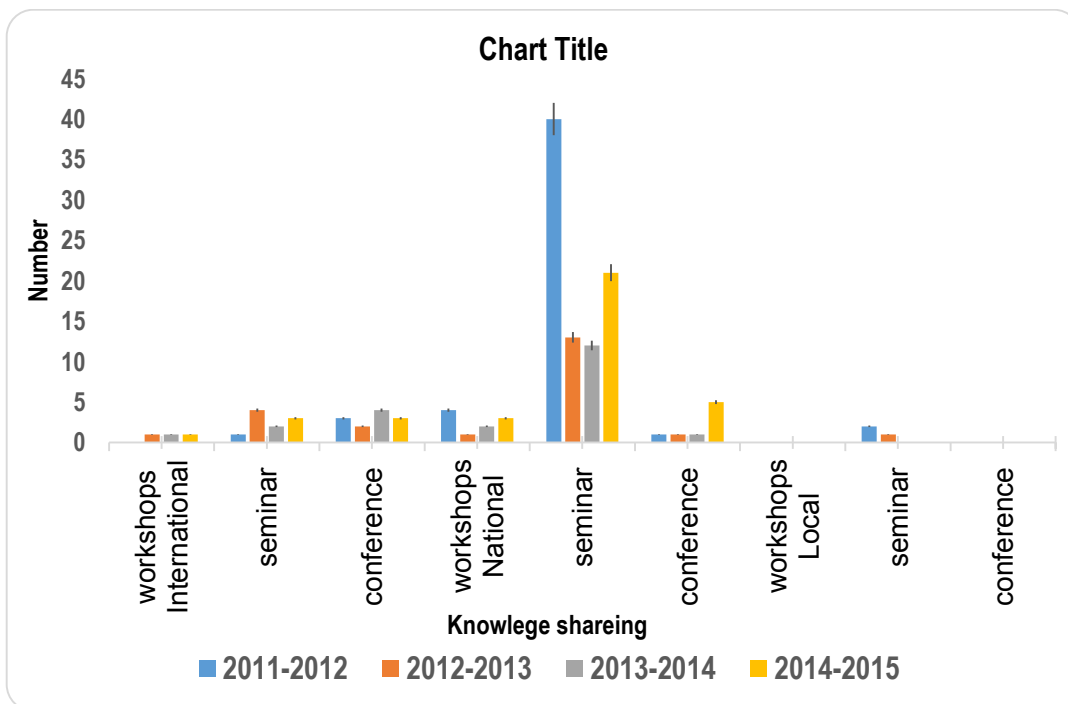


51	Dr. Asish Gupta	Principal	Sebayatan Shiskhan Mahavidyalaya, Jhargram
52	Dr. Sibsankar Mal	Assistant Professor	NIT, Suratkal, Karnataka

Table 2.12 Seminars/ workshops

UGC Sanction No. & Date	Name of the activity	Amount sanctioned (Rs.)	Topic	Date of occurrence
CW-135/11-12 (ERO) Dated : 08.08.2011	Seminar (Physics)	1,50,000	Challenges in Weather Forecasting	22.12.2011 & 23.12.2011
CW-136/11-12 (ERO) Dated : 08.08.2011	Seminar (Chemistry)	1,40,000	Recent Trends in Research and Teaching in Chemical Science	17.01.2012 & 18.01.2012
CW-137/11-12 (ERO) Dated : 08.08.2011	Seminar (B.Ed.)	1,50,000	Recent Advances in Constructivism at the Teachers' Education in the Perspectives of Social Importance	19.01.2012 & 20.01.2012
CW-138/11-12 (ERO) Dated : 08.08.2011	Seminar (English)	1,50,000	Culture Studies and Literary Applications	03.02.2012 & 04.02.2012
CW-219/11-12 (ERO) Dated : 14.11.2011	Seminar (Commerce)	1,50,000	Common Property Resources	15.03.2012 & 16.03.2012
CW-220/11-12 (ERO) Dated : 14.11.2011	Seminar (Bengali)	1,50,000	Rabindra Chitra Katha : Sahitye O Range Rekhay	02.03.2012 & 03.03.2012
CW-144/14-15 (ERO) Dated : 03.02.2015	Seminar (Economics)	1,30,000	Social Exclusion and Development Programmes	28.11.2015 & 29.11.2015

Besides the above mentioned Seminars that were organized at our college, our faculty members were also participated in International, national, or local seminars, conferences or workshops.



(d) **Field visits and educational excursions –**

All the science departments as well as B. Ed and B.P. Ed and some Arts and commerce department organize excursion for field and education every year. There is a policy approved by Governing Body to help financially for these visits and educational excursion.

2.3.7 Detail (process and the number of students \ benefitted) on the academic, personal and psycho-social support and guidance services (professional counselling/ mentoring/academic advice) provided to students?

Academic support and guidance:

All sorts of help are extended towards the students regarding the correct, in-depth understanding of the curriculum. Extra classes and revision classes are also arranged for both theoretical and practical subjects. Special attention is paid towards numerical problems associated with the chapters. The students are given guidelines for preparing themselves for competitive exams for Post-graduate courses. The students are often advised regarding their future course in academic career.



Personal and psychosocial support and guidance:

First of all, all the faculty members and monastic members are freely accessible for any sort of advice. Often the students are personally counselled not only for their academic performance but also for their psychological wellbeing. In some cases, the guardians are contacted for ensuring further care. The institution targets to aid the student by watering the roots, by providing strengthening ideas with which the student can fight back his own struggles. A conviction in his dormant powers and goodness is aroused so that he may turn out to be brave person ready to face any challenges.

2.3.8 Provide details of innovative teaching approaches/methods adopted by the faculty during the last four years? What are the efforts made by the institution to encourage the faculty to adopt new and innovative approaches and the impact of such innovative practices on student learning?

In the last four years, constant up gradation of the teaching approaches have taken place in the college:

- a) Instead of the traditional chalk and talk method projectors are being used to give a much more lively presentation.
- b) The students are given exposure to many sophisticated instruments in the labs.
- c) Seminars and workshops have become much more frequent to give a taste of the research.
- d) PG courses have become much more oriented towards research and project works.

The institution provides all sorts of support for the up- gradation process:

- a) All sorts of financial support are arranged for updating the teaching tools.
- b) Arrangements for seminars and symposium are encouraged and supported by the institution.
- c) The labs have been upgraded for betterment in the practical classes.

The impact of all these innovative methods is reflected in various fields:

- a) **In the University examination results, most of the top 10 positions are occupied by our students from different Departments. A total number of 166 students have secured these positions in last five years. For details please see 1.1.8.**



Table 2.13 Department wise rank holders' name of Panskura Banamali College in V.U.

Year	Department	Rank holders' name	Rank (1-10)	No. of students
2014	Education	i) Bikash Chandra Ghorai	3	4
		ii) Tarun Samanta	3	
		iii) Surojit Bera	9	
		iv) Smritikana Maity	10	
	English	i) Chhanda Samanta	9	1
	Santali	i) Luski Saren	1	7
		ii) Rilamala Hembram	1	
		iii) Indubhusan Mandi	2	
		iv) Shyamlal Hansda	5	
		v) Manindranath Murmu	7	
		vi) Somashree Bag	7	
		vii) Bimal Besra	8	
	Biotechnology	i) Nibendu Mondal	1	6
		ii) Seabrata Maity	2	
		iii) Purnima Jana	3	
		iv) Surya Chaulya	4	
		v) Satyaki Guhathakurta	6	
		vi) Rajkumar Mondal	7	
	Computer Science	i) Riju Pramanik	6	1
	Geography	i) Santu Guchhait	1	2
ii) Prasenjit Samanta		9		
Micro Biology	i) Suprabhat Sahoo	1	5	
	ii) Pallabi Chandra	2		
	iii) Soumyajit Jana	6		
	iv) Uttam Kumar Jana	7		
	v) Jasmine Sultana	10		
Music	i) Manimala Maity	5	3	
	ii) Karabi Maji	7		
	iii) Sanchita Misra	7		
Physics	i) Monidipa Pramanik	10	1	
Physiology	i) Sagufa Begam	1	2	
	ii) Anup Jana	3		
Accountancy	i) Sanjib Das	6	2	
	ii) Sandip Jana	7		



Year	Department	Rank holders' name	Rank (1-10)	No. of students
2013	Economics	i) Anwasha Bhattacharya	4	2
		ii) Syed Saddam Ali	7	
	Education	i) Sayan Dhara	6	1
	English	i) Nabina Bhukta	3	2
		ii) Soumen Sahoo	8	
	History	i) Ajj Mallik	5	1
	Philosophy	i) Rupali Maity	6	1
	Sanskrit	i) Krishna Manna	10	1
	Santali	i) Shrabani Hansda	2	4
		ii) Tanushree Shing	4	
		iii) Subhajit Giri	5	
		iv) Sunil Kisku	7	
		v) Aparna Saren	8	
		vi) Swadesh Tudu	10	
	Biotechnology	i) Shubhankar Bhattacharya	1	6
		ii) Arpan Maiti	2	
		iii) Himadrisekhara Mal	3	
		iv) Sanjukta Das	4	
		v) Sibaprasad Chakrabarty	6	
		vi) Arun Kumar Sahoo	7	
	Computer Science	i) Madhusree Banerjee	6	2
		ii) Ajoy Pore	8	
	Geography	i) Anwasha Giri	5	2
		ii) Bikash Ranjan Bag	6	
Micro Biology	i) Soumen Jana	1	5	
	ii) Sutanuka Bera	2		
	iii) Jahangir Khan	4		
	iv) Dibyendu Gouri	7		
	v) Upendra Nayek	10		
Music	i) Kana Chattopadhyay	2	3	
	ii) Manisha Guria	7		
	iii) Antara Sen	7		
Physics	i) Payel Maiti	2	2	
	ii) Piyali Samanta	3		



Year	Department	Rank holders' name	Rank (1-10)	No. of students
2013	Physiology	i) Ananya Adhikari	1	4
		ii) Shibani Banerjee	2	
		iii) Jhimli Banerjee	5	
		iv) Subhankar Manna	8	
	General Arts	i) Sudha Kola	2	1
General Science	i) Mousumi Tripathy	1	1	
2012	History	i) Santanu Dey	8	1
	Music	i) Debolina Banerjee	3	3
		ii) Rama Das	4	
		iii) Sutapa Bhattacharyya	8	
	Sanskrit	i) Saheli Mahapatra	3	1
	Santali	i) Shila Baske	1	5
		ii) Fudan Saren	4	
		iii) Shyamali Majhi	5	
		iv) Lakman Saren	6	
		v) Rinku Murmu	9	
	Biotechnology	i) Ankan Kumar Samanta	1	3
		ii) Sudip Mandal	4	
		iii) Suwendu Das	6	
	Botany	i) Subrata Kumar Barik	5	2
		ii) Suvankar Mandal	7	
Computer Science	i) Alope Kantal	6	2	
	ii) Banashri Chakraborty	9		
Micro Biology	i) Krishnendu Goswami	2	4	
	ii) Rocky Dutta	3		
	iii) Sumon Dey	6		
	iv) Rima Khunti	9		
Physics	i) Biswajit Das	5	1	
2012	Physiology	i) Basudeb Das	2	2
		ii) Santu Jana	2	
	zoology	i) Manisa De	8	1
	Accountancy	i) Sambhu Jana	5	2
		ii) Prasenjit Sur	6	
	B.P.Ed.	i) Ranjit Dey	10	1
	Genera-Sciene	i) Ritwika Das	1	1
	General-Com.	i) Krishnendu Mondal	2	1



Year	Department	Rank holders' name	Rank (1-10)	No. of students
2011	Bengali	i) Tulsi Dey	4	1
	Education	i) Debjani Maiti	10	1
	English	i) Rimi Maiti	1	1
	History	i) Joyeeta Manna	4	1
	Music	i) Avishek Das	4	1
	Political Science	i) Alomara Khatun	7	1
	Sanskrit	i) Susovan Santra	4	1
	Biotechnology	i) Sudeshna Mandal	1	7
		ii) Maitri Jana	2	
		iii) Bappa Mahapatra	3	
		iv) Dip Chakraborty	3	
		v) Antara Singha	4	
		vi) Atanu Mandal	5	
		vii) Sourav Chakraborty	6	
	Botany	i) Achintya Bhowmick	7	1
	Electronics	i) Saibal Sovan Das	1	1
	Geography	i) Bipulananda Ghara	4	1
	Micro Biology	i) Trishita Jana	3	4
		ii) Saheli Kulavi	6	
		iii) Subhankar Nandi	9	
iv) Rajkumar Maji		10		
Physics	i) Anupam Jana	8	1	
Physiology	i) Sudeshna Bhakat	3	2	
	ii) Tumpa Rakshit	8		
Accountancy	i) Umesh Dhara	5	3	
	ii) Sibsankar Khanra	8		
	iii) Banshari Karan	9		
2010	Education	i) Asish Koley	7	3
		ii) Babita De	8	
		iii) Arun Maity	10	
	History	i) Kartick Panja	7	1
	Music	i) Moumita Pati	2	3
		ii) Biswambhar Jana	6	
iii) Mrinmayee Samanta		7		
Sanskrit	i) Kousik Patra	1	1	



Year	Department	Rank holders' name	Rank (1-10)	No. of students
2010	Santali	i) Tikram Tudu	1	5
		ii) Jogendranath Murmu	3	
		iii) Sovaram Saren	6	
		iv) Aloke Saren	7	
		v) Pabitra Hembram	9	
	Biotechnology	i) Twisa Ghosh	1	2
		ii) Anisha Polley	2	
	Computer Science	i) Uttam Ghorai	1	5
		ii) Rajkumar Maity	3	
		iii) Dioanjan Pramanik	5	
		iv) Chinmoy Maity	8	
		v) Priyanka Pandit	10	
	Geography	i) Raghunath Pal	2	3
		ii) Santu Maity	6	
		iii) Joynab Khatun	10	
	Micro Biology	i) Paulami Mandal	1	7
		ii) Saikat Paul	3	
		iii) Soma Jana	5	
		iv) Avijit Das	6	
		v) Sourav Sinha	7	
		vi) Avisek Mahapa	9	
vii) Subhadeep Datta		10		
Physiology	i) Arindam Das Karmakar	5	2	
	ii) Bahnisikha Bokshi	8		
Accountancy	i) Apu Manna	4	3	
	ii) Sandip Ghosh	8		
	iii) Surajit Bangal	10		

b) **Teacher training** in college and at centres of higher learning and excellence is one of the major initiatives of the college. Newly recruited teachers are provided **one week in-house training programme**, which focuses mainly on use of teaching aids and making multimedia presentations. Out house training includes deputation of teachers to learn more about teaching methods adopted globally. Looking into the diversity of programmes, the college gives freedom to departments to explore new effective methods in teaching-learning.



2.3.9 How are library resources used to augment the teaching- learning process?

The central library, has more than **50406 number of books** and **access to a number of hard copy** journals and periodicals. The library committee of the college looks after the purchase of books and journals every year. The Library committee collects the requisitions for the purchase of books from the Head of departments at the beginning of every academic year to augment the basic resources for teaching-learning process. There has been an addition of **5700 books/ reference books** in the past five years. Teachers and students can also access journals as well as periodicals through DOAJ, J-stage etc. The college also provides personal ID to faculty members and students for accessing INFLIBNET / N-List site that offers more than 80,000 e-books and 3000 e-journals in full text form. Procuring new books and supplementing the stock from the central library. The departmental libraries also maintain project reports, study material such as notes, question banks, and reference books which are also available for the students.

2.3.10 Does the institution face any challenges in completing the curriculum within the planned time frame and calendar? If 'yes', elaborate on the challenges encountered and the institutional approaches to overcome these.

It is a matter of great pride, that our college does not face any challenges in completing the curriculum within the planned time frame and calendar. The curriculum is designed by Boards of Studies of affiliating university. The curricula are in the form of units and assigned a specific number of lectures. At the beginning of the academic year, the college provides Course file, which provides a clear picture of the number of teaching days available in a particular year/semester. In view of this, the teacher prepares the teaching plan, specifying topics to be taught, teaching methods to be adopted etc. This facilitates timely completion of the syllabus.

Although this exercise is done by every teacher, there is always a need to go beyond the syllabus and give extra inputs to bridge the gap amongst related units. This often necessitates readjustments in the teaching plan. To overcome the challenge of teaching the subject and not the 'syllabus', teachers give home assignments, student seminars and promote peer learning for a few selected topics.

Our college is Government-aided and teachers are recruited directly by the West Bengal College Service Commission. Due to the delay of teachers' recruitment a sizable number of posts are lying vacant. Despite the shortages of staff in every department, the college is able to complete the entire curriculum within stipulated time by recruiting a sizable number of Guest faculties as per UGC norms. In addition, for



PG courses, honourable professors from Universities, renowned Institutes and colleges are being recruited.

2.3.11 How does the institute monitor and evaluate the quality of teaching learning?

For every programme, the specific learning objectives have been clearly spelt out by the teachers and respective Boards of studies. To achieve this, the teaching-learning process is well planned and executed. The college has a well-established monitoring mechanism to monitor the quality of teaching-learning. It is evaluated by the IQAC through:

- ❖ Academic calendar of the college is prepared by the IQAC as per the University Academic calendar at the beginning of the academic session.
- ❖ Academic audit of all teachers for every semester by evaluating the 'Course file, which provides the teaching plan and record of all academic as well as co-curricular activities of every teacher. This is assessed and the report is submitted through the Principal to the department. The teacher needs to give compliance, if any.
- ❖ For every year/semester, feedback on teaching is taken by IQAC for all programmes. A teacher is evaluated on different parameters such as communication skills, quality of teaching, content and method of delivery, resourcefulness and readiness and accessibility/ availability to students. The feedback system has been made on-line and implemented for all UG Honours and PG programmes in the first phase.
- ❖ Feedback for all subjects/ classes/ teachers is assessed by the IQAC and a report is prepared and submitted to the Principal. The feedback is shared with teachers through an interactive meeting where shortcomings/problems are discussed. Solutions to these are also provided to seek improvement in the teaching-learning process.



2.4 Teacher Quality

2.4.1 Provide the following details and elaborate on the strategies adopted by the college in planning and management (recruitment and retention) of its human resource (qualified and competent teachers) to meet the changing requirements of the curriculum.

Table 2.14 Details of Teaching Faculties

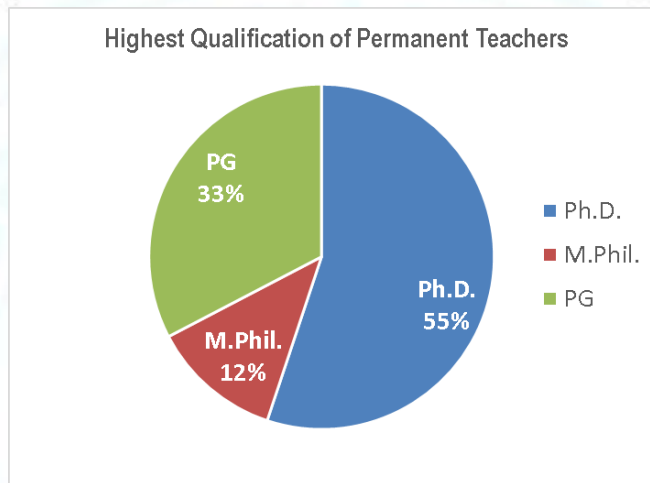
Positions	Teaching faculty						Non-teaching staff		Technical staff		REMARKS
	Professor		Associate Professor		Assistant Professor		*M	*F	*M	*F	
	*M	*F	*M	*F	*M	*F	*M	*F	*M	*F	
Sanctioned by the UGC /University/ State Govt. <i>Recruited</i>	1		13	03	22	09	20	02	02	00	Whole Time including Librarian & GLI
					35	12					Govt. Approved PTT
					12	02					Govt. approved CWTT
<i>Yet to recruit</i>					23						
Sanctioned by the Management/ society or other authorized											Casual Worker
<i>Recruited</i>					25	21					Invited Guest for UG
<i>Recruited</i>					02	01					Full Time Guest PG
<i>Recruited</i>					39	06					Invited Guest (Pt) for PG
<i>Recruited</i>									01		Medical Officer
<i>Recruited</i>							63	06	05	01	Casual Workers

*M-Male *F-Female

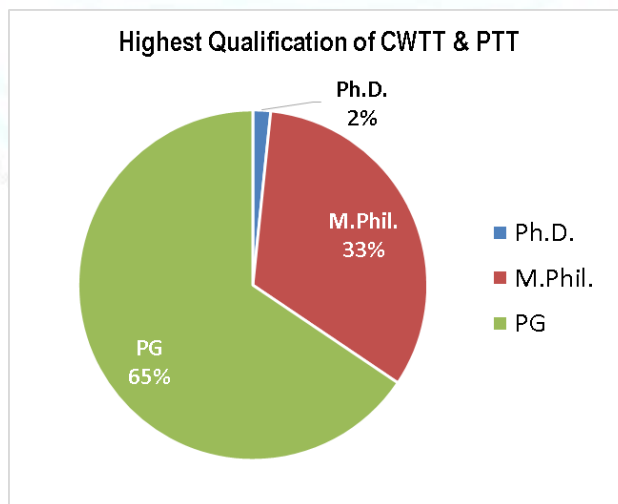


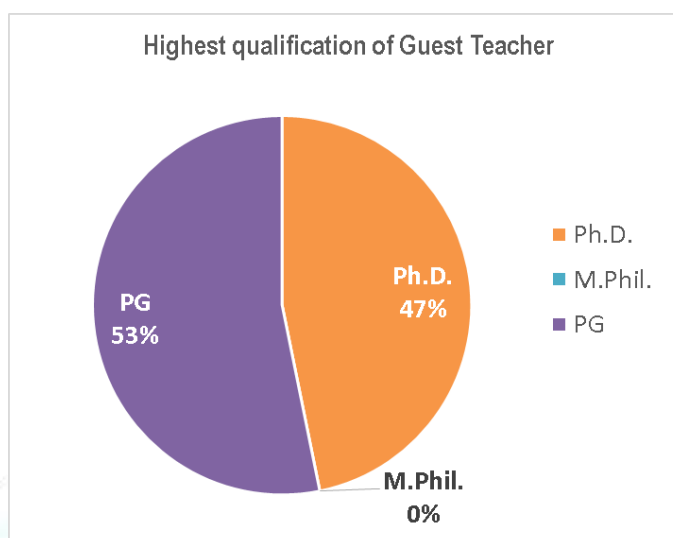
Recruitment of teachers:

- a) The college is Government-aided and does not possess the authority to appoint teachers for sanctioned posts. Permanent teachers are appointed on the recommendation of the West Bengal College Service Commission.
- b) Guest faculty members for PG course are invited on the basis of departmental recommendation.
- c) We also have Government approved Part Time Teacher (PTT) and contractual whole time teacher.
- d) Guest teachers are appointed on the recommendation of Academic sub-committee and IQAC. GT are selected by a committee comprising senior departmental faculty members and university nominated experts.



From the pie chart it is evident that more than 50% of the permanent teachers have Ph.D. degree. In addition, 7 teachers are registered for Ph.D.





Almost 33% of the permanent teaching posts are lying vacant in this college. One of the primary reasons is due to the Government policy where it was stated that where the number of PTT and CWTT would be 3 that will be equivalent to loss of one permanent post. Recently Government has relinquished this policy. Therefore we are hopeful that we will be able to fill these 24 vacant seats within one year from the upcoming College Service Commission panel. In addition, in the B.Ed. department, due to the recent change of the rule last year, we will receive another 7 teaching posts.

Table 2.15 Teachers' Qualifications

Highest qualification	Professor		Associate Professor		Assistant Professor		Total
	Male	Female	Male	Female	Male	Female	
Permanent teachers							
D.Sc./D.Litt.	--	--	--	--	--	--	--
Ph.D.	01	--	10	02	11	03	27
M.Phil.	--	--	--	--	03	03	06
PG	--	--	03	01	09	03	16
PTT & CWTT							
Ph.D.	--	--	--	--	01	--	01
M.Phil.	--	--	--	--	20	--	20
PG	--	--	--	--	40	--	40
Guest teachers (UG & PG)							
Ph.D.	--	--	--	--	44	--	44
M.Phil.	--	--	--	--	00	--	00
PG	--	--	--	--	50	--	50

A total number of 94 visiting / guest faculties are engaged in the college.

**Retention of teachers:**

The following measures are taken to ensure the retention of teachers in the institution:

- a) The college authorities make all the facilities provided by the State Government accessible to the teachers promptly.
- b) After retirement, experienced and reputed teachers are often appointed as guest lecturers by the Management of the College.
- c) To meet up the challenge of teacher scarcity, the college appoints renowned teachers from other institutions, some of whom are retired to take up courses pertaining to their area of specialization.
- d) Teachers interested in research along with teaching are provided with the best possible research level infrastructure and assisted in getting grants for research. The research labs in Chemistry, Biotechnology bear testimony to this fact. This helps in keeping a rich academic quality in the college and prevents loss of teachers with a keen research aptitude from drifting away to research institutes. Hostel accommodation is also provided to teachers, whose family resides far away from the college. Introduction of PG Courses also meets the satisfaction of teaching in the highest level of education.

2.4.2 How does the institution cope with the growing demand / scarcity of qualified senior faculty to teach new programmes / modern areas (emerging areas) of study being introduced (Biotechnology, IT, Bioinformatics etc.)? Provide details on the efforts made by the institution in this direction and the outcome during the last three years.

- a) To meet the challenges of the emerging areas of study and the scarcity of able faculty to deal with such topics, the institution takes the following steps:
 - b) Reputed retired teachers with expertise in these new topics are often reappointed by the College Management as guest faculty.
 - c) Faculty members of other institutions, research labs and Universities having thorough grasp in these directions are invited to take classes in the college.
- a) Many scientists who are working in the emerging areas are occasionally invited to deliver seminars on their work. This gives a vivid elucidation of the topics in the curriculum and interaction with such scientists make various facets of that issue clear to the students.

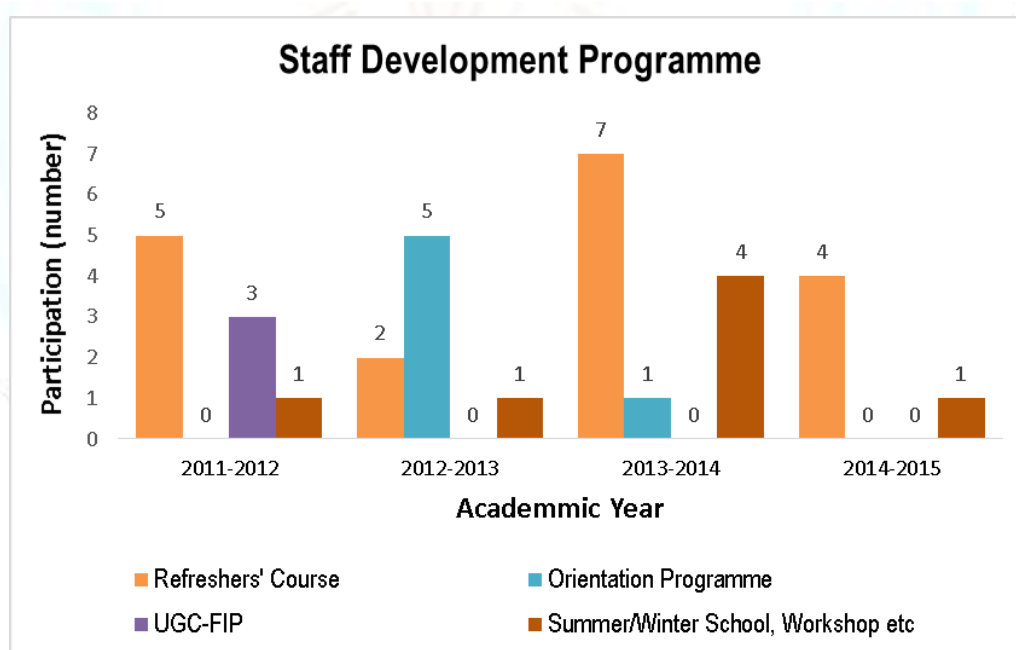


All these measures have resulted in satisfactory dissemination of the curriculum during the last few years. The clarity in understanding the concerned topics is reflected in the college level and external evaluation.

In order to give proper justice to the students Governing Body took decision to appoint visiting or guest faculty following UGC norms. A total 94 numbers of visiting /guest faculties are engaged in the college at present so that the students do not suffer.

2.4.3 Providing details on staff development programmes during the last four years elaborate on the strategies adopted by the institution in enhancing the teacher quality.

The teaching staff-members have attended in different types of staff-development programme in the previous years. These are mainly two categories: a) Refreshers & Orientation course, b) Workshop Seminar and presentation of the paper. In addition, faculties are also encouraged to attend winter schools, workshops. The following is the table of the faculty members of different departments attending two categories of staff-development programmes. These data indicate that staff-members are extensively exposed various types of up gradation process for enriching their teaching skill.



1. After the introduction of new curriculum by the University in 2014-15 newer and advanced topics were introduced. The college facilitated purchase of required books in the library for helping the teachers to prepare study materials.
2. INFLIBNET facility is provided for teachers to access e-journals.
3. Central and departmental libraries are easily accessible for academic purposes.
4. Classes with projectors are available for regular classes, special lectures and seminars.

Table 2.16 Nomination to staff development programmes

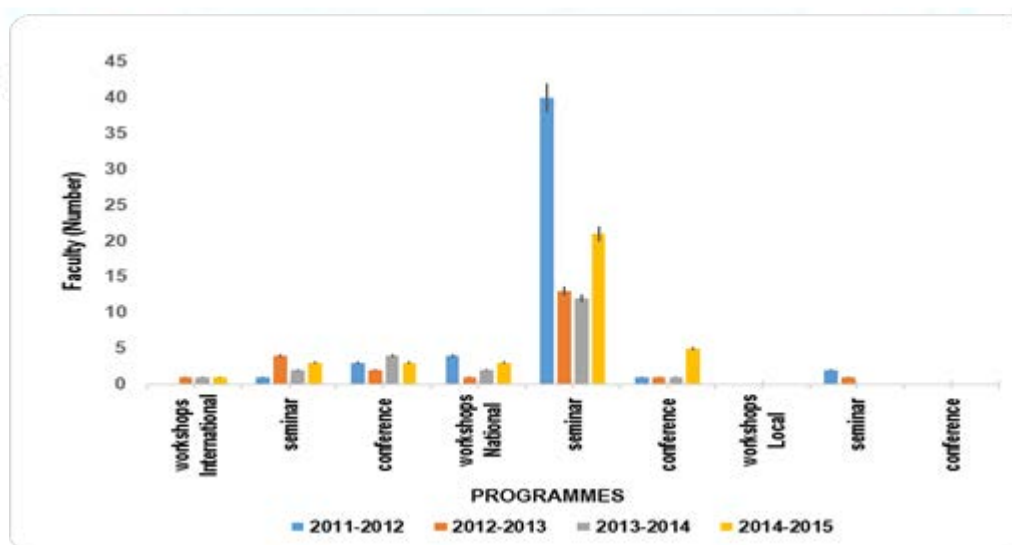
Academic Staff Development Programmes	Number of Faculty nominated
Refresher courses	18
HRD programmes	
Orientation Programmes	06
Staff training conducted by the University	
Staff training conducted by the Institutions	
Summer / Winter schools, workshops, etc.	06

b) Faculty Training programmes organized by the institution to empower and enable the use of various tools and technology for improved teaching-learning

- Teaching learning methods / approaches
- Handling new curriculum
- Content / knowledge management
- Selection, development and use of enrichment materials
- Assessment
- Cross cutting issues
- Audio Visual Aids / multimedia
- OCR's
- Teaching learning material development, selection and use

c) Percentage of faculty

Invited as resource persons in Workshops / Seminars / Conferences organized by external/ national/ international/ recognized by professional agencies





2.4.4 What policies / systems are in place to recharge teachers? (eg: providing research grants, study leave, support for research and academic publications teaching experience in other national institutions and specialized programmes industrial engagement etc.)

It is a matter of prime concern to provide opportunities to recharge the faculty with academic up gradation. Some steps taken in this direction are as follows:

- (a) **Research Grants:** The College has a dynamic research wing. Some of the Departments have their major or minor research projects funded by UGC, WB-DBT, DST, DBT, CSIR, etc. In the Departments of Chemistry, Mathematics, Biotechnology etc, faculty members have all total **17** research scholars working for their Doctoral degrees in the college. All efforts are put forth by the college authorities to provide the best possible lab infrastructure for carrying on research. The research proposals are discussed in Research Committee prior to apply in different Government funding agencies. In last five years 5 teachers have got PhD degree and 7 are enrolled for doctoral degree.

Table 2.17 Details of the ongoing and completed Research Project.

Sl. No	Project Title	Principal Investigator	Funding Agency	Total Grants (in lac)	Year/ Duration
Minor Research projects					
1.	Structural and Functional models for Catechol oxidase and phenoxazinone synthase	Dr. Anangamohan Panja (Chemistry)	UGC	1.99	2011-12
2.	Isoaltion, purification, structural investigation and study on immunomodulatory properties of polysaccharides from an edible mushroom <i>termitomycesstriatus</i>	Dr. Soumitra Mondal (Chemistry)	UGC	1.33	2009-10



3.	Study on the effect of selective heavy metals (Zn,Cu, Pb) pollution and microbial load on the edible oyster (<i>Saccostrea cucullata</i>) in Sundarbans, West Bengal	Dr Harekrishna Jana (Microbiology)	UGC	0.98	2014-15
4.	<i>Prithi Annessan: Medinipur, Bankura and Purulia.</i>	Dr. Biswaranjan Ghorai (Bengali)	UGC	1.5	2009-10
5.	<i>Bakurar Jaana shilpa Dhara-O-shilpi samaj</i>	Dr. Shyamali Das (Bengali)	UGC	1.5	2008-09
6.	<i>Raarheer Adivashi Unnayan: artha - samajik Prekhit</i>	Dr. Keya Samanta (Bengali)	UGC	1.5	2008-09
7.	A studies on aquatic insect diversity in Paschim Midnapore district, West Bengal	Dr. Tapan Kumar Dutta (Zoology)	UGC	1.93	2011-12
9.	Studies on the Socio-economic status of the coastal fishermen in PurbaMedinipur district of West Bengal.	Dr. Mrinmay Ghorai (Zoology)	UGC	1.58	2012-13
10.	Folk Songs of Medinipur-A Socio-Anthropological Analysis	Smt. Nupur Sanyal (Mukherjee)	UGC	2.95	2014-16
11.	Study and Control the Dynamical Behavior of Malaria Disease to Mathematical Module"	Dr. Tuhin Kar (Math.)	UGC	3.5	2014-15
12.	Synthesis of Biologically Active Heterocyclic	Dr. Moumita Paira (Chemistry)	UGC	3.10	2015-17



	Molecule Through Multi component Reaction				
13.	Assessment of Maximal Aerobic Power of Tribal Adolescents of Burdwan Division of West Bengal	Dr. Badsha Ghosh (Physical Education)	UGC	1.75	2015-17
14.	Recent Trends of Agricultural Sector of Economy in Tamluk Sub-division of Purba Medinipur District.	Swati Mandal (Geography)	UGC	2.40	2015-17
15.	To study the Single Mode and Intermode Non-classicalities in Some Optical and Atomic System	Sandip Kr. Giri (Physics)	UGC	2.40	2015-17
16.	Development of Imputationistic Fuzzy Techniques and Their Application to Inventory and Production Problem.	Dr. Nirmal Kr. Mahapatra (Math)	UGC	2.40	2014-15
17.	Freshwater Fishes of Purba and Paschim Medinipur District, West Bengal	Dr. Tapan Kr. Dutta (B.Ed.)	WBBB, Govt. of W.B.	3.90	2012-14
18.	Social Exclusion from Development Programmes in West Bengal: Reasons and Determinants.	Dr. Sugata Sen (Economics)	UGC F.PHW-167/09-10(ERO) 07.09.2009	91,500.00	2009 - 10
19.	Production and Marketing of Conch-shell Goods: A study with special reference to West Bengal	Dr. Sirsendu Maity (Economics)	UGC F.PHW-134/12-13(ERO) 05.02.2013	1,17,500.00	2013 - 15



Major Research projects					
1.	Functional analyses of .....express specifically in ovarian cancer Novel variant form of DNA polymerase beta found in ovarian cancer	Prof. (Dr.) Nandan Bhattacharyya (Principal)	DBT, Govt. of India	42.48	2014-17
2.	Novel variant form of DNA polymerase beta found in ovarian cancer		DBT, Govt. of W.B	26.3	2013-16
3.	Effect of radiation....DNA polymerase beta		UGC-DAE	8.0	2014-17
4.	Biotechnology based Opportunities Offered to Science & Technology departments		DBT, Govt. of W.B	25.0	2014-17
5.	Single Molecular Precursor Route to Synthesis of Semiconductor Nanocrystals for Photovoltaic Application	Dr. Pulakesh Bera	CSIR	13.0	2012-15
6.	Design, development and characterization of mesoporous functional metal-organic framework (MOF)''		UGC	11.98	2013-16
7.	Development of Thermal and Photo-Functional Molecular Materials using Di- and Tetra-Oxolene	Dr. Anangamohan Panja	DST	26.0	2013-16



	Chelated Valence Tautomeric Cobalt Complexes				
8.	Development of coordination chemistry of paramagnetic metal ions for the study of molecular magnetism		CSIR	10.0	2015-18

Details of the Research Publications (Last 5 years) (2010-2015):

231 (two hundred thirty one) publications in different journals by different faculties. More than 40 Books or Book chapters published by different faculties. For details please see Criterion III 3.4.3.

- a) *Duty leave for Ph.D. defence, viva voce, Refresher course, orientation program, Excursion, etc., TA and DA for the project defence, presentation of papers in conference or seminar.*
- b) *Duty leave for FDP program*
- c) *The college tries to collect funds for updating the labs for practical classes and research. The funds received from WB BOOST (25 lacs) and DST-FIST (80 lacs) are noteworthy*

National / State level Seminars / Workshops organized during recent years:

Please see 2.3.6.

Visit to Foreign University/Institutes by Faculty Members in Recent Years:

Dr. Sugata Sen, Department of Economics has presented a paper at World Social Science Forum 2015 at Durban, South Africa.

Dr. Abhijit Kar Gupta, Dr. Sugata Sen and Prof. Sandip Giri have joined 5th International Science Congress at Tribhuban University, Kathmandu, Nepal.

Mr. Amzad Hossain, Assistant Professor in History visited Dhaka University to present a paper in National Biannual Conference organized by Bangladesh Itihas Parishad, Bangladesh.

2.4.5 Give the number of faculty who received awards / recognition at the state, national and international level for excellence in teaching during the last four years. Enunciate how the institutional culture and environment contributed to such performance / achievement of the faculty.



None

2.4.6 *Has the institution introduced evaluation of teachers by the students and external Peers? If yes, how is the evaluation used for improving the quality of the teaching – learning process?*

The college has established a mechanism for taking feedback on teaching. The IQAC implements the feedback process for all programmes in each semester, analyses the feedback and shares it with teachers to seek improvement in the teaching-learning process. The IQAC has external experts who share their expertise in this regard. Quality of teaching, resources used and prescribed, methods adopted for teaching in terms of teaching aids and models and course completion are presented by every teacher in the yearly appraisal reports (API). These reports are assessed by the IQAC and Principal and the scores are given. These scores are again verified and validated by the University Experts and finally DPI experts.

- a) Student's feedback is formally obtained from students which reflect their evaluation of the teaching-learning system.
- b) All the students are also free to express their views regarding academic and examination related processes directly to the Principal and respective Head of the Departments.
- c) Career advancement of the teachers is formally done by external referees (one selected by the affiliating university who acts as a subject expert and the other person nominated by DPI, Govt. of West Bengal). They critically assess the performance of the concerned teachers and then recommend the career advancement, subject to fulfilment of the minimum criteria, decided by UGC.
- d) Senior academicians and scientists who visit the institute to deliver invited lectures are informally requested to give their opinion to improve the quality of the teaching-learning process and their valuable suggestions are given utmost importance and is discussed in detail at the departmental as well as institutional level.

From this year we have introduced online feedback system from Students, parents and alumni.

2.5 Evaluation Process and Reforms

2.5.1 *How does the institution ensure that the stakeholders of the institution especially students and faculty are aware of the evaluation processes?*

All the stakeholders comprising of the students, faculty, guardians, alumni and the general public are made aware of the evaluation process at various stages:

**a) Students:**

- 1) The evaluation schedule is highlighted by the Principal and faculty at the very onset of the session.
- 2) The syllabus in module system highlights the marks distribution for each topic.
- 3) Most of our teachers are directly involved in the University examination process through board of Studies, Examination Committee and Question Paper Setting Committee. So, question trends in the college-level examinations are at par with the University examination. Thus class tests of the college give the students a clear picture about the University question pattern.
- 4) Time to time teachers discuss previous year's questions in the class and explain the approach to the students.
- 5) College-level and University exam routines are displayed on the notice board.

b) Teachers:

At the UG level, the evaluation system is entirely decided by the University. Teachers involved in the Board of Studies of the University enlighten other faculty members about the decisions and alterations in the evaluation system. At PG level, the exam system is decided at the Departmental PG Board of Studies in the College itself. The college level examinations and their outcome are discussed at Departmental meetings and in the Teachers Council.

c) Guardians:

An outline of the evaluation system is reflected in the college prospectus from where the guardians come to know at the preliminary level. The college report brought out by the Principal of the college bears a synopsis of the performances by our students in various examinations at the University and other levels. Whenever necessary the guardians are asked to meet the Head of the Department or the Principal for intimating the evaluation process and performances of their ward.

d) Alumni Association:

Many of our teachers who are involved in the evaluation system of the college and the University are also members of the Alumni Association of the college. They act as a source of resource for any change in the evaluation process. Recently we have started the feedback from the alumni in our website.

**Alumni registration number-
Certificate of Registration of Societies
W.B. Act XXVI of 1961.
S/2L No. 31404 of 2014-15.**

- e) The **general public** can have an idea about the evaluation process through the college Website.



2.5.2 What are the major evaluation reforms of the university that the institution has adopted and what are the reforms initiated by the institution on its own?

The major evaluation reforms that the university has introduced in the last few years are as follows:

- a) Earlier the University examination pattern was (2+1) with 2 exams during the entire 3 year duration for the UG courses. But at present the scheme is (1+1+1), annual system with one University exam every year.
- b) At present the university is emphasizing on continues evaluation system ensuring daily attendance and participation in practical classes along with a viva-voce test at the end for general subjects which the students must study along with their Honours subject. Earlier the system was to have an exam once in a year for the general practical.
- c) At the PG level, the college is free to set its own evaluation system. The PG students give exam as per the syllabus of University and question pattern set by the college.
- d) The PG courses in the college are Semester system.

2.5.3 How does the institution ensure effective implementation of the evaluation reforms of the university and those initiated by the institution on its own?

At the UG level the college is bound to follow the University guidelines regarding the evaluation process. Whatever evaluation reforms the University has initiated the college has accepted in its true spirit and ensured its immediate effective implementation.

Any new implementations like changes in the syllabus or marks distribution etc are thoroughly discussed in the classes. The college level exams are set in the pattern as is expected from the university to give a simulation to the students.

The evaluation reforms at the PG level has been discussed in details in the Departmental PG Board of Studies have been accordingly implemented. At the initial stages the effect of reforms has been closely monitored.

2.5.4 Provide details on the formative and summative assessment approaches adopted to measure student achievement. Cite a few examples which have positively impacted the system.

In the formative assessment:

- a) PG students have to undergo continuous evaluation through class tests, assignments, performance in the laboratory experiments, lab-quiz, viva-voce etc. These performances are systematically assessed at the end of each semester and



marks are awarded accordingly during summative assessment at the end of each semester.

- b) UG students are evaluated continuously through class tests, assignments and field reports, laboratory experiments etc. But these performances have no direct effect on the summative assessment at the University level, but it acts as a measure to improve the quality of the students.

Formative assessment helps the teacher to assess the strength and weakness of the students and is used as a direct opportunity to develop the potential of the student.

Regarding summative assessment:

The University organizes the final summative exams at the UG level. Only the Practical Examinations for General subjects are conducted by the college. The evaluation is summative nature comprising daily class attendance, class performance, laboratory Note-book and final viva-voce.

At the PG level, the summative exams take place during the semester exams organized by the college. External examiners, moderators and paper setters are involved in the system to make the system transparent and unbiased.

2.5.5 Detail on the significant improvements made in ensuring rigor and transparency in the internal assessment during the last four years and weightages assigned for the overall development of students (weightage for behavioural aspects, independent learning, communication skills etc.

At the UG level, the marks obtained by the student in internal college level assessments are included in the final university examinations held at the end of each academic year. Internal assessments are done to enhance the exam-preparedness of the student and increase the depth of knowledge. University guidelines and question patterns followed in the university exam are conveyed during these internal assessments. As a result, the college has noted significant improvement in the performance at the University examinations and also in different National entrance test for higher studies like JAM for admission in PG courses at the IITs etc.

At the PG level, the internal assessments are done by the college teachers. The students are intimated about their performance in these tests as soon as the evaluation process is completed. To ensure transparency, external examiners not directly associated with the college, are involved in both theoretical and practical paper evaluations.

Although no separate weightage for behavioural aspects, communication skills etc are involved in the evaluation system of either the University or the college, but these aspects are strengthened and encouraged from the college. Politeness, sincerity, punctuality etc are very naturally ingrained in the college by the very ambience.



Communication skills develop during presentations related to project works etc more common in the PG level.

2.5.6 What are the graduate attributes specified by the college / affiliating university? How does the college ensure the attainment of these by the students?

The attributes which the college tries to develop in its students as graduate attributes may be summed up under the following categories:

- a) A thorough grasp over the subject.
- b) Well conversant in the modern day technologies and modern ways of expression and presentation.
- c) A knack for research in basic sciences to ensure a strong foundation of the nation's technological progress.
- d) A well-balanced personality with a harmonious blend of skill and ethics.

The college tries its level best to ingrain these aspects into the students:

- a) The experienced faculty members have been successful over the years in imparting a solid foundation to the academic, curricular wisdom of the pupil. The University results and the performance in various National examinations reflect the truth of this statement.
- b) Modern technologies and the art of expression is ensured by exposing the students to the computer courses along with Power Point presentations, elocutions and debate competitions. These keep the students abreast with the updated versions of technology on one hand and in giving a wise expression to their wisdom on the global platform.
- c) Most of the departments are undergoing some sort of research work. This keeps the undergraduate students always in touch with the research methodologies and the research aptitude develops unknowingly. As a result, most of our students go for pursuing research work in basic sciences after their post graduation in reputed research institutes. Some are even opting for research just after their graduation.
- d) The institution always vibrates with the „man-making“ call of Swami Vivekananda. Hence the college attempts to enlighten the students in this issue and helps them to walk in this direction of a wisdom, selfless service, universality and strength. There are no statistical tests to measure the impact of such initiatives but we can say with conviction that our students definitely bear an impress of higher values and higher culture for the good of all, for the dedicated service of the nation in the core of their being.



2.5.7 What are the mechanisms for redressal of grievances with reference to evaluation both at the college and University level?

At the UG level, the final examination at the end of each academic year is conducted by the affiliating university. The University has its own mechanism for redressal of grievances of grievances with respect to the evaluation process through:

- a) Re-evaluation of answer scripts through University.
- b) RTI for getting Xerox copy of answer script

At the PG level also, the college maintains the same mechanism for grievance redressal in connection with the evaluation process. However the systematic, well-structured PG evaluation system has resulted in no such grievance till date as per the college-level PG evaluation is concerned.

2.6. Student performance and Learning Outcomes:

2.6.1 Does the college have clearly stated learning outcomes? If 'yes' give details on how the students and staff are made aware of these?

The college attempts to focus the learning outcomes clearly to the students. The main thrust is to encourage the students in pursuing further studies and enriching the intellectual arena of the nation:

- a. The students pursuing Undergraduate courses are motivated to pursue Post graduate studies in various renowned Universities & Institutions like the IITs, Calcutta University, TIFR, ISM, Dhanbad, BHU etc.
- b. The PG students are encouraged to go for research in Basic Sciences. Interested students are given guidance for NET & GATE exams. Those who want to go for jobs are also instructed regarding preparations for various examinations for Govt. and private services like SSC etc.

Table 2.18 Students Qualified in National /State Level Competitive Examinations

Year	NET	GATE	SET/SLET	Others
2011-12	7	5		6
2012-13	2	2		4
2013-14	2	2		
2014-15	4	2		

2.6.2 Enumerate on how the institution monitors and communicates the progress and performance of students through the duration of the course/programme? Provide an analysis of the students results/achievements (Programme/course wise for last four years) and explain the differences if any and patterns of achievement across the programmes/courses offered.

The performance of the students are monitored by various formative evaluations and the faculty members try to find out the weakness of the students. These are



communicated to the respective student. The performance of our students in University examination and in other national and state level examination are communicated to the existing students directly and also through college prospectus and website.

Table 2.19 Students Performance

Results 2011-12

Title of the Programme	Total no. of students appeared	Division (in percentage)				
		Distinction	I (class)	II (class)	III (class)	Pass
ENGLISH	57	0	1.75	85.96	07.01	94.73
BENGALI	92	0	5.43	89.13	02.17	96.73
SANSKRIT	39	0	10.25	74.35	2.56	87.17
SANTALI	24	0	0.00	87.00	12.50	100.00
POL. SCIENCE	36	0	0.00	75.00	25.00	100.00
HISTORY	68	0	1.47	92.64	1.47	95.58
EDUCATION	72	0	40.27	52.77	0.00	93.05
GEOGRAPHY	57	0	1.75	68.42	7.01	80.70
PHILOSOPHY	19	0	10.52	84.21	5.26	100.00
ECONOMICS	00	0	0.00	0.00	0.00	0.00
MUSIC	17	0	11.76	88.24	0.00	100.00
PHYSICS	31	0	29	58	12.9	100.00
CHEMISTRY	23	0	17.39	60.86	21.73	100.00
MATHEMATICS	29	0	6.89	75.86	6.89	89.65
ZOOLOGY	13	0	15.38	61.53	15.38	92.30
BOTANY	11	0	0.00	90.91	9.09	100.00
PHYSIOLOGY	07	0	28.57	57.14	0.00	85.71
COMP. SC.	26	0	7.69	76.92	15.38	100.00
MICROBIOLOGY	20	0	15.00	75.00	5.00	95.00
BIOTECHNOLOGY	07	0	14.28	57.14	0.00	71.42
BCA	34	0	11.76	88.23	0.00	100.00
COMMERCE	58	0	29.31	65.51	3.44	98.27
B.A. Gen.	898	0	0.11	42.09	49.10	91.31
B.Sc. Gen.	30	1	3.33	80.00	16.66	100.00
B.Com. Gen	14	0	0.00	7.14	92.85	100.00
B.Ed	107		73	17	3	87
B.P.Ed	53		40	10	3	100

**Table 2.20 Students Performance****Results 2012-13**

Title of the Programme	Total no. of students appeared	Division (in percentage)				
		Distinction	I (class)	II (class)	III (class)	Pass
ENGLISH	71	0	0.0	90.14	5.63	95.77
BENGALI	93	0	5.37	92.47	0.0	97.84
SANSKRIT	39	0	10.26	56.41	2.56	69.23
SANTALI	33	0	0	96.97	0.0	96.97
POL. SCIENCE	51	0	5.88	80.39	13.73	100
HISTORY	84	0	1.19	89.29	2.38	92.86
EDUCATION	67	0	19.40	71.64	0.0	91.04
GEOGRAPHY	54	0	0.0	81.48	12.96	94.44
PHILOSOPHY	29	0	3.45	89.65	6.90	100
ECONOMICS	00	0	00	00	00	00
MUSIC	19	0	15.79	68.42	5.26	89.47
PHYSICS	37	0	59.46	35.14	2.70	97.30
CHEMISTRY	32	0	21.88	53.12	18.75	93.75
MATHEMATICS	30	0	6.67	76.66	10.0	93.33
ZOOLOGY	18	0	33.33	61.11	5.56	100
BOTANY	20	0	10.0	45.0	25.0	80.0
PHYSIOLOGY	07	0	42.86	42.86	14.28	100
COMP. SC.	30	0	3.33	90.0	3.34	96.67
MICROBIOLOGY	18	0	33.33	61.11	5.56	100
BIOTECHNOLOGY	03	0	33.33	66.67	0.0	100
BCA	69	0	2.90	97.10	0.0	100
COMMERCE	76	0	21.05	64.47	14.48	100
B.A. Gen.	1087	0	0.0	35.14	60.53	95.67
B.Sc. Gen.	27	0	3.70	81.48	3.70	88.88
B.Com. Gen	07	0	0.0	28.57	57.14	85.71
B.Ed.	113	0	77.88	7.96	12.39	98.23
B.P.Ed.	50	0	86.00	12.00	0.0	98.00

**Table 2.21 Students Performance****Results 2013-14**

Title of the Programme	Total no. of students appeared	Division (in percentage)				
		Distinction	I (class)	II (class)	III (class)	Pass
ENGLISH	70	0	2.86	90.0	4.29	96.85
BENGALI	99	0	8.08	90.90	0.0	98.98
SANSKRIT	34	0	5.88	70.59	5.88	82.35
SANTALI	24	0	0.0	91.67	8.33	100
POL. SCIENCE	51	0	0.0	72.55	23.53	96.08
HISTORY	89	0	5.62	89.89	4.49	100
EDUCATION	69	0	27.54	72.46	0.0	100
GEOGRAPHY	53	0	3.77	83.02	7.55	94.34
PHILOSOPHY	35	0	11.43	74.28	8.57	94.28
ECONOMICS	09	0	22.22	77.78	0.0	100
MUSIC	17	0	5.88	82.35	0.0	88.23
PHYSICS	18	0	55.55	38.9	5.5	100
CHEMISTRY	34	0	17.65	55.88	20.59	94.12
MATHEMATICS	36	0	8.33	77.78	8.33	94.44
ZOOLOGY	19	0	10.53	73.68	0.0	84.21
BOTANY	17	0	0.0	58.82	23.53	82.35
PHYSIOLOGY	17	0	35.29	52.94	11.77	100
COMPUTER SC.	12	0	33.33	50.00	0.0	83.33
MICROBIOLOGY	16	0	43.75	56.25	0.00	100
BIOTECHNOLOGY	06	0	16.67	83.33	0.00	100
BCA	53	0	5.66	62.26	0.0	67.92
COMMERCE	71	0	25.35	71.83	2.82	100
B.A. Gen.	936	0	0.11	29.91	59.08	89.10
B.Sc. Gen.	38	0	15.79	81.58	2.63	100
B.Com. Gen	4	0	0.0	0.0	100.00	100
B.Ed.	100	0	85.0	13.0	1.0	99.0
B.P.Ed.	50	0	44.0	50.0	0.0	94.0

**Table 2.22 Students Performance****Results 2014-15**

Title of the Programme	Total no. of students appeared	Division (in percentage)				
		Distinction	I (class)	II (class)	III (class)	Pass
ENGLISH	73	0	1.37	90.41	5.48	97.26
BENGALI	113	0	3.54	91.15	4.42	99.11
SANSKRIT	30	0	13.33	80.00	3.33	96.66
SANTALI	38	0	0.0	100.00	0.00	100
POL. SCIENCE	36	0	0.0	80.56	19.44	100.0
HISTORY	88	0	6.82	84.09	6.82	97.73
EDUCATION	75	0	32.00	65.33	0.00	97.33
GEOGRAPHY	67	0	1.49	89.55	7.46	98.50
PHILOSOPHY	31	0	6.45	77.42	12.90	96.77
ECONOMICS	00	0	0.00	0.00	0.00	0.00
MUSIC	21	0	28.57	52.38	19.05	100.0
PHYSICS	50	0	70.00	30.00	0.0	100
CHEMISTRY	29	0	34.48	55.17	3.45	93.10
MATHEMATICS	29	0	10.34	79.31	0.00	89.65
ZOOLOGY	18	0	5.56	88.89	0.00	94.45
BOTANY	28	0	0.00	89.29	3.57	92.86
PHYSIOLOGY	18	0	55.56	38.88	5.56	100
COMP. SC.	12	0	16.67	75.00	0.00	91.67
MICROBIOLOGY	19	0	42.11	57.89	0.00	100
BIOTECHNOLOGY	07	0	42.86	42.86	0.00	85.72
BCA	22	0	18.18	68.18	0.00	86.36
COMMERCE	90	0	16.67	81.11	0.00	97.78
B.A. Gen.	864	0	0.23	34.37	52.78	87.38
B.Sc. Gen.	68	0	2.94	70.59	20.59	94.12
B.Com. Gen	08	0	0.00	25.00	75.00	100
B.Ed.	94	0	96.81	0.00	0.00	96.81
B.P.Ed.	51	0	80.39	17.65	1.96	100

2.6.3 How are the teaching, learning and assessment strategies of the institution structured to facilitate the achievement of the intended learning outcomes?

At the UG level, the college follows the syllabi prescribed by the affiliating University. The college strictly follows that. Special classes are arranged on a regular basis to prepare the students for the University examinations. Questions for various National/ State level examinations are also discussed in the classroom. At the PG level, the syllabus has been designed keeping in mind various competitive examinations like NET, GATE,



SET etc. The faculty members try to cover all the aspects required to qualify these examinations.

2.6.4 What are the measures/initiatives taken up by the institution to enhance the social and economic relevance (student placements, entrepreneurship, innovation and research aptitude developed among students etc.) of the courses offered?

Student Placement:

In the past few years several companies have conducted campus interview in our college or off campus viz. **TCS, Shyam Steel, Reshmi Cement, Wipro** etc. Employability Training Programme was organised by- **TCS** on 10.Aug 2015 to 25th Aug 2015; Training Time-80 hrs. Total no of Applicant was 64 (Sixty four). Out of 64 students only 22 students were eligible for written test and 08 were selected for interview and 3(Three) candidates got offer letter from T.C.S on 10/09/15. *The names of the students are Sandip Kumar Kanhra - B.Sc. (Bio); Saidul Islam Mallik - B.Com. (Hons.) ; Sourav Chakraborty – English (Hons.).* **Reshmi Cement** selected 2 students directly for the job. **CTS** and **Thyrocare** Mumbai visited for campus interview on 23rd May, 2014 and 16th February, 2015 respectively. Besides **Wipro** visited the college for campus interview on 16th March, 2015. **Wipro** will visit the campus for the same on 18th January, 2016.

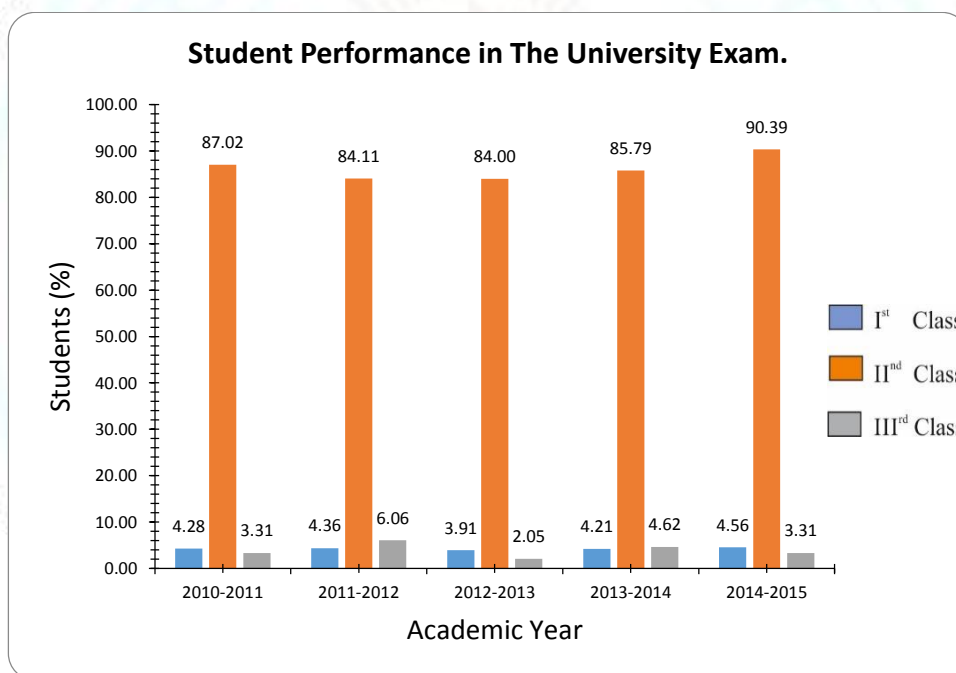
Measures / initiatives taken up to develop research aptitude:

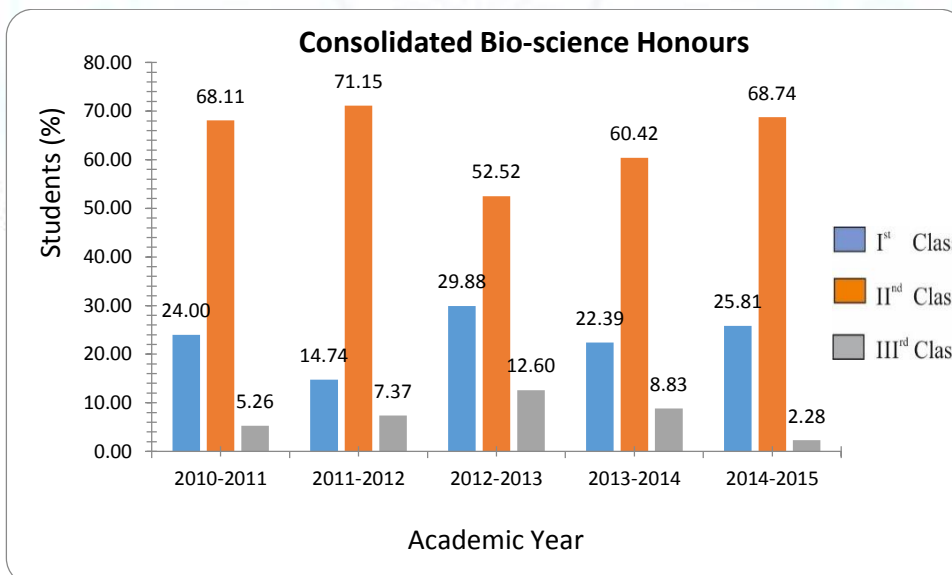
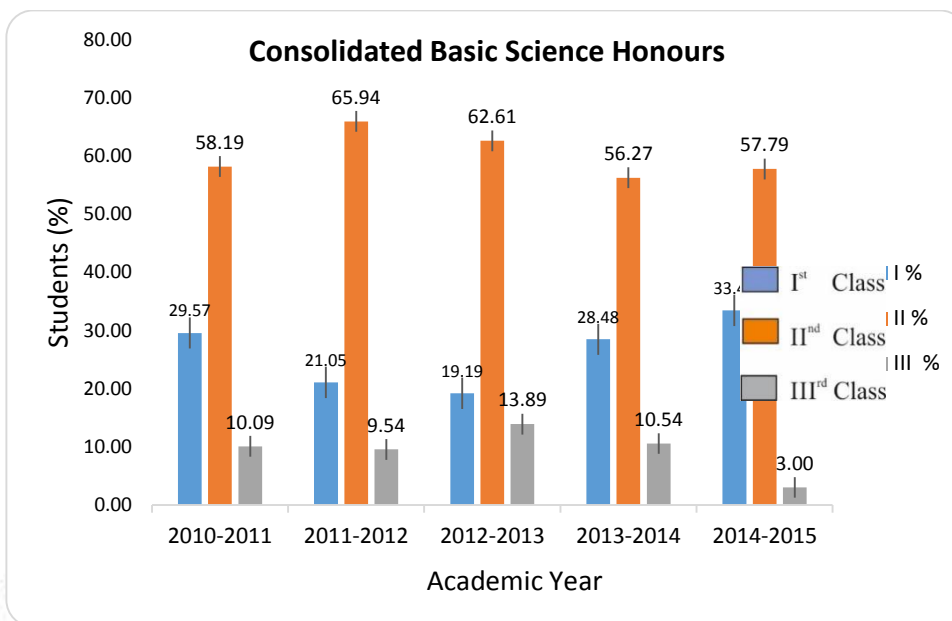
- a) Organizing National/State level seminars.
- b) Organizing State level workshop
- c) Project work and field studies for students
- d) Carrying out off campus project work in reputed research institutes and universities.
- e) Our college has been selected for DST-FIST funding and some sophisticated instruments will be procured. PG students are eligible to use those instruments for project work.
- f) Some of our faculty members are handling major research projects with funding from DST, UGC, CSIR, DBT, UGC-DAE etc. This increases aptitude among the students.
- g) Encouraging students to participate in off-campus seminars & symposium.

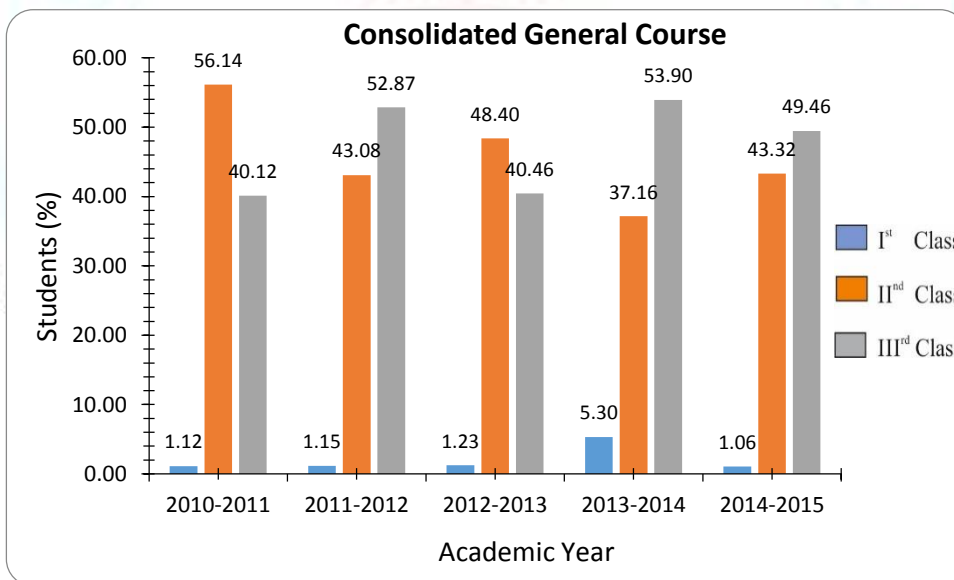
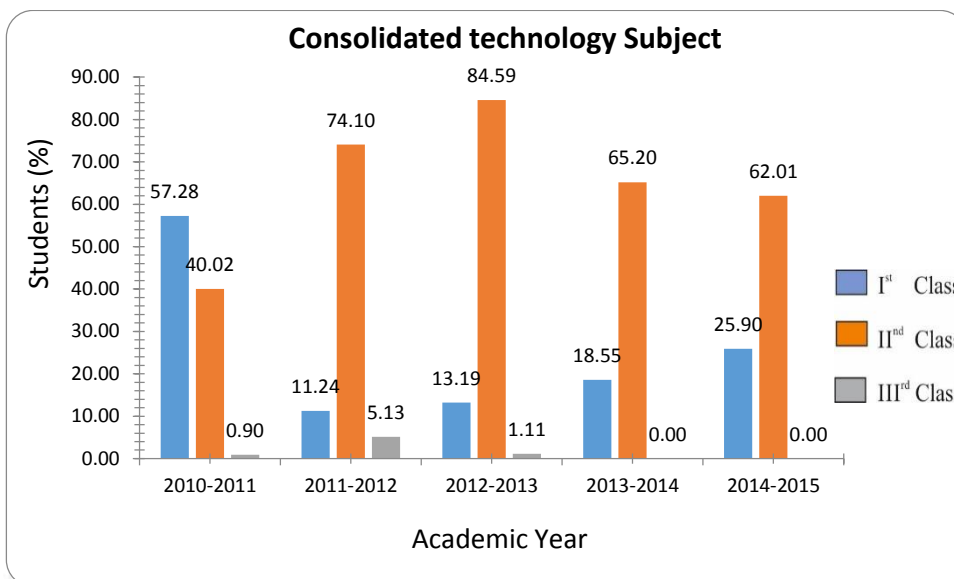
For entrepreneurial skill development, the college recently adopted resolution by the Governing Body to initiate some certificate courses under **Better Career Options**.

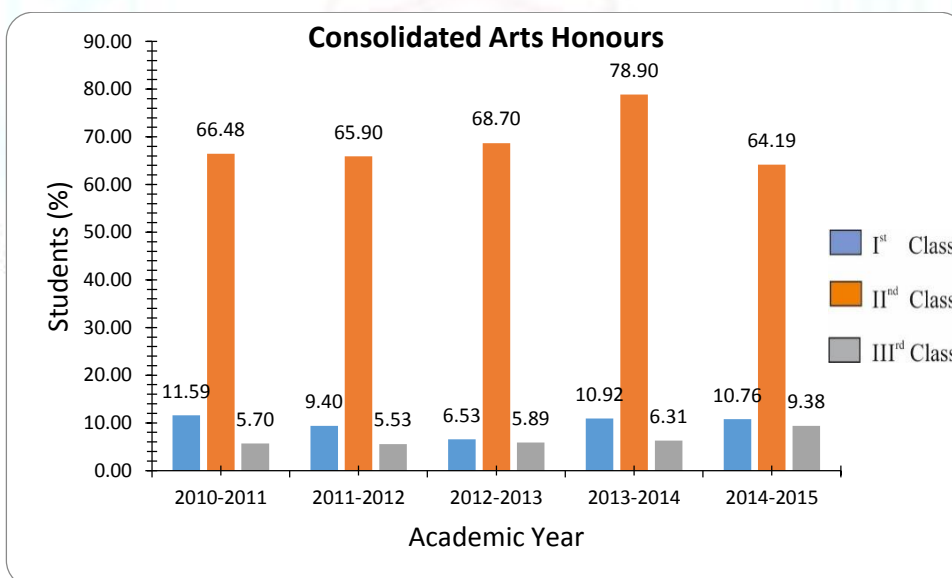
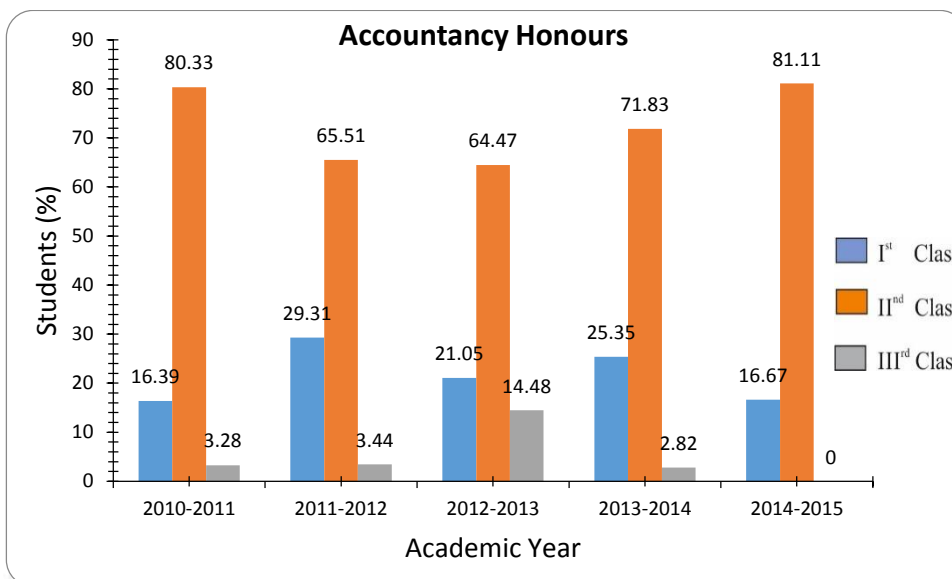
2.6.5 *How does the institution collect and analyze data on student performance and learning outcomes and use it for planning and overcoming barriers of learning?*

Performance of the students in University examinations are systematically collected and stored for future analysis and assessment. The students who have passed out from this college have opted for higher studies/jobs – their data is collected from the individual students through personal contact or through Alumni Association. The data are analysed both at the departmental and institutional level and measures are accordingly taken to improve the teaching-learning method.











2.6.6 How does the institution monitor and ensure the achievement of learning outcomes?

- a) Along with the preparations for University examination, faculty members also impart special coaching to prepare for other competitive examinations, viz., JAM, NET, GATE etc.
- b) Additional study materials are supplied.
- c) Question-answer sessions are regularly organized.
- d) Quality books have been procured in the college library.
- e) At the PG level, syllabus has been framed keeping in mind the learning outcomes and based on the feedback from subject experts and students.
- f) The college closely monitors all these programmes and the success rate of the students bears testimony to these.

2.6.7 Does the institution and individual teachers use assessment/ evaluation outcomes as an indicator for evaluating student performance, achievement of learning objectives and planning? If 'yes' provide details on the process and cite a few examples.

At the PG level, the students are continuously assessed for their performance of marks/grade are awarded which is included in the final examination. The number of students securing 1st class marks were seen to be low in a particular session. During the test examination in the college, the performances of the students were analyzed. The weaker students were given an added advantage of remedial classes. This resulted in more number of students securing 1st class marks.

2.7 Any other relevant information regarding Teaching-Learning and Evaluation which the college would like to include.

Evaluation system is always developed by the University and all affiliated colleges are supposed to adhere to that. But for making better future citizens, internal thrust should always be there to prepare the students towards taking challenges and for the effective implementation of the curriculum. In this context we would like to emphasize on the continuous evaluation process of some form or the other, personal interactions and day to day counselling over the periodic evaluation system that exists. We believe, the evolution of the teaching and learning has to be a sustainable process.

The partial autonomy granted by the affiliating University on the evaluation system of PG courses adds a new dimension towards the teaching learning system at this level. The freedom to venture and experiment with the levels and forms of the topics taught, even if bound by the curriculum, gives a new impetus to the teaching. The process of learning has equally been influenced with renewed enthusiasm and more effective interactions. A similar autonomy over the evaluation system at the UG level is greatly desired. Most importantly, the institution would like to move towards full autonomy where the freedom to design curriculum and the evolution of evaluation process could be directly correlated with the matters of teaching-learning.

CRITERION III

RESEARCH, CONSULTANCY AND EXTENSION



RESEARCH, CONSULTANCY AND EXTENSION

3.1 Promotion of Research:

Research is an integral part of Panskura Banamali College (PBC) and the college promotes a culture of research particularly among the young faculty members. In last few years, several postgraduate courses have been introduced alongside the running undergraduate courses. A modest beginning of scientific research in basic and frontier sciences, social science and humanities with a few highly motivated teachers has come a long way. Our college brings an innovative, entrepreneurial spirit to the work of discovery which is substantiated by a large number of publications in the peer reviewed journals of national and international repute. The students benefit from the knowledge and experience of mentors, while faculties benefit from the queries of students arising from the inventions of several projects. Most of the science and technology departments are fuelled by excellence, innovations and ambitions. Social science departments of the college also put a deep mark in the research embodied with common socio-economic scenarios.

3.1.1 Does the institution have recognized research center/s of the affiliating University or any other agency/organization?

Presently, the College does not have a recognized research center of the affiliating University. In spite of that faculties from the Department of Biotechnology, Chemistry, Mathematics, Bengali have been recognized to be the Ph.D. guide under the Vidyasagar University.

3.1.2 Does the Institution have a research committee to monitor and address the issue of research? If so, what is its composition?

The College has established sub-committee for Research activities approved by the Governing Body. Further, the research proposals were sent to the various agencies with prior verification by the IQAC and Research Advisory Committee members.

Sub-Committee for Research Activities

1. Principal (Chairman)
2. Dr. Bidyut Samanta (Convener)
3. Dr. Pulakesh Bera (Co-Convener)
4. Dr. Abhijit Kar Gupta
5. Dr. Nirmal Kumar Mahaptra
6. Dr. Sugata Sen
7. Dr. Soumitra Mandal
8. Dr. Ananga Mohan Panja
9. Dr. Tuhin Kar
10. Mr. Amit Samanta Ray (Accountant)
11. Mr. Ashok Samanta (Head Clerk)



In addition to this there is a Research Advisory Committee (RAC) for UGC grants. The committee is fully responsible to conduct the periodic meeting to consider the project proposals and to address the issues relating to research and development. The committee is composed with one senior member of science faculty, arts faculty and commerce faculty. Principal is the Chairman of the Research Advisory Committee (RAC). Present executive members of the RAC are:

Table 3.1 Research Advisory Committee (RAC)

1. Dr. Nandan Bhattacharyya (Principal)	Chairman
2. Dr. Pulakesh Bera	Coordinator of Research Advisory Committee
3. Dr. Ramendarnath Ghosh	Head, Dept. of Commerce
4. Dr. Biswaranjan Ghorai	Head, Dept. of Bengali
5. Dr. Tuhin Kumar Kar	Assistant Professor, Mathematics
6. Dipak Kumar Samanta	Secretary, Teachers' Council, Commerce

The Research Advisory Committee (RAC) and the members of the Research activities approved by the GB perform the following activities:

- a) To motivate the students (PG and UG) to do project works in the front line areas of science and technology, humanities and social sciences.
- b) To encourage the young faculty members to write proposals for obtaining research grants from UGC, DST-FIST, DBT, ICSSR etc.
- c) To motivate the faculty members and students to participate and conduct national and international workshops, seminars, symposia and conferences.
- d) To consider the writing and submission of major project proposals for the development of college to various funding agencies such as DST-FIST, DBT-STAR COLLEGE, CPE etc.
- e) The Project Investigators (PI) assume the responsibility to prepare and defend various project proposals. The college authority bears the cost of TA & DA which was approved by the GB.
- f) After a project is approved, PIs are given full autonomy regarding the successful execution of the project. RAC along with some GB appointed sub-committees take appropriate steps to facilitate research.
- g) Our college has cleared all the minor/ major/seminar grants of UGC in the 9th, 10th and 11th Plan.



3.1.3 What are the measures are taken by the Institution to facilitate smooth progress and implementation of Research schemes / projects?

As mentioned earlier, the college authority and the RAC encourages, motivates and help the faculty members to write grant proposals for research and subsequently facilitate them so that they can smoothly conduct their research works and be able to submit reports within a stipulated time. Besides, a large number of students in UG and PG are engaged in their project during their courses. The number of research fellows working under some faculty members are also increased in the last five years. These are indicative of the academic, procedural and strategic supports extended by the institution. To elucidate a few points:

Autonomy of the Principal Investigator (PI):

The PI's have full autonomy and freedom to submit, carry out and implement any kind of project proposals from external agencies in the fundamental areas or in the interdisciplinary subjects as they choose. The college authority extends administrative and other support to the PIs to purchase equipment and instruments, consumables as their needs.

Timely availability or release of resources:

The college authority makes sure the resources are made available to the PIs as soon as it is available to the college. The requisitions placed by the scholars are given top priority. Sometimes the college follows the systematic approach to procure the items but in the maximum cases the PIs are given liberty to procure the items of their own after informing the principal. The grants are also released to the investigators once the same is credited in the college account. The investigators are only advised to timely inform about the progress of the project.

Adequate infrastructure and human resources:

The College is responsible and committed to the infrastructure development when a PI gets major grant. The college already developed some laboratories for this purpose. College provides the space with amenities like working table, sitting arrangement, electrical facility, internet connection and plumbing works etc, for smooth running of any research project as required. College also provides the instrument facility in the Central Instrument Room. The library enables the faculty and scholars to access books and journals from library and from departments. The manpower for the research project, such as junior research fellow (JRF) for a major project is recruited as per the sanction of the fund through advertisements in newspapers and the selection is made through the recommendation of the expert committee on the subject.



Time-off, reduced teaching load, special leave etc to teachers:

Time off, reduced teaching load, special leave arrangements are followed as per the existing UGC norm. Sometimes the researchers actively engaged in research projects and the senior teachers involved in writing books and materials are exempted from additional duties and beyond maximum class load (as stipulated by UGC) for smooth conducting of their works. There is also provision to sanction the duty leaves (not exceeding 30 days in a year) to the teachers for their requirement to analysis/field study in the neighbor universities or institutes. Some special study leave on lien basis, Faculty Development Program (FDP) etc. are also given to the enthusiastic teachers for improving their academic excellence. Duty leave is also granted to teachers to undertake field work and present their findings in seminars and conferences.

Support in terms of technology and information needs:

The College plays pivotal role in overall conduct of research activities in the college. The college has two types of devices for internet access. The computers are connected by LAN facility for all as well as Wi-Fi (for registered user only). We have 10 Mbps dedicated leased line for internet connectivity. All the departments have computers and peripherals which help the researchers to gain access to the information and knowledge required in their respective areas of research interests. The College is also a member of UGC-NLIST-INFLIBNET through which e-journals are available. The researchers can have the access of DOAJ, J-stage, Highwire Press, PubMed etc for the free access of different books and journals.

Disbursement of fund and Auditing:

Once a grant is received from a funding agency, a quick disbursement of fund to implement the sanctioned project from the college accounts is assured following the rules laid down by the funding agencies. The accounts are maintained by the individual PIs. The college authority and RAC take care of preparing periodic audit reports and utilization certificates as required by the PI's to be submitted at the end of a financial year.

Hostel Facility:

The College provides rooms in the hostel to the regular scholars. The scholars generally stay in their respective labs till night and need to stay in the college. The college provides boarding facilities to the regular scholars.



3.1.4 What are the efforts made by the institution in developing scientific temper and research culture and aptitude among students?

Panskura Banamali College believes that teaching is more effective with practical than just instruction. The ideology of our college is the 'learning through practices'. The college creates an academic environment that ignites and fosters students' interest in scientific temper and research culture. The methods and efforts have been adopted by our faculty members are as follows:

Teaching and learning methodologies are critically discussed in the academic council of the college. The departments strictly follow up the guidelines and complete the courses in the stipulated periods of time. Simple problem based project which has certain practical utility and impact in the society are discussed with students before that being adopted. In this way, a student develops a possible hypothesis, plans out experiments, analyzes results and finally accepts or rejects the formulated hypothesis. They are motivated to tackle small problems that are extensions of the curriculum classroom teaching. Almost all the departments assign projects to the students to judge and evaluate their creativity. In most of the departments, the students are guided for the project work at least for two semesters or one full year. Participation in Innovative projects are encouraged where the students of humanities, commerce and sciences share the same platform, and interdisciplinary discussions open new research experiences in life. Inter departmental competitions on paper reading, group discussion, wall magazine etc. are organized by few departments of the college, once a year. Critical thinking is promoted in tutorial classes. Students are advised to attend and participate in the academic discussion in the seminars, and conferences, organized by department. Field work, trips, educational tours are promoted, which enhance the practical knowledge of students. Students are properly informed about the events like articles writing, essays competition, model exhibition and scientific observations etc. that published day by day in the newspaper and encouraged to participate in competition. The article or result or models are published in the college magazine.

3.1.5 Give details of the faculty involvement in active research (Guiding student research, leading Research Projects, engaged in individual/collaborative research activity, etc.

The data is listed for the last five years i.e., 2010-2015

**Table –3.2 Research Project and Supervision**

No.	Department	Name of the Faculty	No. of Ph. D students
1.	Biotechnology and Microbiology	Dr. Nandan Bhattacharyya	3 (awarded) and 2 (continuing) 1 (Research Associate)
2.	Bengali	Dr. Biswaranjan Ghorai	2 awarded and 3 registered
3.	Chemistry	Dr. Pulakesh Bera	1 registered and 3 (continuing)
4.		Dr. Anangamohan Panja	3 (Continuing)
5.		Dr. Soumitra Mondal	3 (awarded) and 1 (continuing)
6.	Mathematics	Dr. Nirmal Mahapatra	2 (Continuing)
7.	Physical Education	Dr. Badshah Ghosh	2 (Continuing)

In addition to the scholars who are pursuing their Ph.D. degree here, seven permanent faculties are also registered for Ph.D. somewhere else.

3.1.6 Give details of workshops/training programs/ sensitization programs conducted/ organized by the institution with focus on capacity building in terms of research and imbining research culture among the staff and students.

Various departments of the college have organized seminar/workshops/invited lectures sensitization program to inculcate the research motivation and culture among the staff and students. The organized seminars/symposiums are mostly of national level. College did not pursue any international level seminar and symposium till date. The list of organized seminars is given below:

Table –3.3 National seminar/symposium and conferences

UGC Sanction No. & Date	Name of the activity	Amount sanctioned (Rs.)	Topic	Date of occurrence
BRSI (Biotechnology Research Society of India)	Seminar (Microbiology)	Rs. 10,000	Recent Trends in Biological Sciences	March 8-9, 2010



BRSI (Biotechnology Research Society of India)	Seminar (Microbiology and Biotechnology)	Rs.10,000	Recent Trends in Biological Sciences	March 10- 11, 2012
CW-135/11-12 (ERO) Dated : 08.08.2011	Seminar (Physics)	1,50,000	Challenges in Weather Forecasting	22.12.2011 & 23.12.2011
CW-136/11-12 (ERO) Dated : 08.08.2011	Seminar (Chemistry)	1,40,000	Recent Trends in Research and Teaching in Chemical Science	17.01.2012 & 18.01.2012
CW-137/11-12 (ERO) Dated : 08.08.2011	Seminar (B.Ed.)	1,50,000	Recent Advances in Constructivism at the Teachers' Education in the Perspectives of Social Importance	19.01.2012 & 20.01.2012
CW-138/11-12 (ERO) Dated : 08.08.2011	Seminar (English)	1,50,000	Culture Studies and Literary Applications	03.02.2012 & 04.02.2012
CW-219/11-12 (ERO) Dated : 14.11.2011	Seminar (Commerce)	1,50,000	Common Property Resources	15.03.2012 & 16.03.2012
CW-220/11-12 (ERO) Dated : 14.11.2011	Seminar (Bengali)	1,50,000	Rabindra Chitra Katha : Sahitye O Range Rekhay	02.03.2012 & 03.03.2012



CW-144/14-15 (ERO) Dated : 03.02.2015	Seminar (Economics)	1,30,000	Social Exclusion and Development Programmes	28.11.2015 & 29.11.2015
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3.1.7 Provide details of prioritized research areas and the expertise available with the institution.

The institution has well qualified faculty involved in research activities as cited in 3.1.5. Besides this, all the members of the faculty are expert in one or the other field of their respective subject. A summary is given below:

Table 3.4. Faculties involved in research activities

Sl. No.	Department	Name of the Faculty	Area of Expertise
1.	Biotechnology	Dr. Nandan Bhattacharyya	DNA Repair and human Cancer, Nano Technology, Microbiology research
2.	Microbiology	Dr. Harekrishna Jana	Environmental, Food and Agriculture Microbiology,
3.	Chemistry	Dr. Pulakesh Bera (Chemistry)	Material Chemistry and Coordination Chemistry
		Dr. Anangamohan Panja (Chemistry)	Inorganic and Bioinorganic Chemistry
		Dr. Soumitra Mondal	Natural Products
		Mr. Raju Singha	Organometallics Synthesis
4.	Bengali	Dr. Biswaranjan Ghorai	Lok Sahitya
		Dr. Shyamali Das	Literary Techniques
		Dr. Keya Samanta	Fiction Studies
		Dr. Apu Das	Comparative Literature
5.	Physical Education	Dr. Badshah Ghosh	Ex. Physiology, Sports Training and Yoga
6.	Zoology	Dr. Tapan Dutta	Eco-physiology & Biodiversity & Educational Technology (ICT)
		Dr. Mrinmay Ghorai	Fisheries
7.	Geography	Dr. Nirmalya Das	Cartography and GIS
8.	Physics	Mr. Sandip Giri	Quantum Optics
		Dr. Bidyut Samanta	Material Science and Optoelectronics
		Dr. Abhijit Kar Gupta	Statistical Physics



3.1.8 Enumerate the efforts of the institution in attracting researchers of eminence to visit the campus and interact with teachers and students?

Conferences, Seminars, Workshops, Academic lectures are the part of academic programs of college. In the last five years (2010-15), the college has invited many resource persons from India and abroad to participate in talks, interaction with the students and faculty members and also for special lectures. The alumni of the college who are currently doing their research in institute with national and international reputation are preferably invited for such program. Talks and informal interactions take place in the individual departments. These events are particularly popular among the students to excel in the world of literature, science and technology. Exchange of dialogue between the high and low end research worker in the field of social science, humanities, commerce, medical science motivated the young brains. Besides these every year the post graduate students visited the neighbor institutions to get real environment of research and technology.

3.1.9 What percentage of the faculty has utilized Sabbatical Leave for research activities? How has the provision contributed to improve the quality of research and imbibe research culture on the campus?

The provision of Sabbatical Leave for college teacher is not recognized/permissible by the affiliating University statute. But other kinds of leave like special study leave, Fellow Improvement Program are approved by the Governing Body of the college to pursue the higher study. Dr. Pulakesh Bera of Department of Chemistry did his post doctoral research in Korea for two years from 2007 to 2009 in a lien bound study leave to pursue advance research and Dr. Anangamohan Panja of Department of Chemistry also availed lien bound study leave in the year 2010–2012 for Post Doctoral Study in France and Japan. The linkage has been established as a result of this activity.

Table. 3.5

Name of the Teacher	Study Leave	FDP
1. Dr. Pulakesh Bera (Chemistry)	2 yrs (2007–2009)	-
2. Dr. Anangamohan Panja (Chemistry)	2 yrs (2010–2012)	-
3. Mr. Kanak Kanti Bera (English)		3 years (2013-till date)
4. Mr. Ashutosh Sarkar (History)	1 month	



3.1.10 Provide details of the initiatives taken up by the institution in creating awareness/ advocating/ transfer of relative findings of research of the institution and elsewhere to students and community (lab to land)

Research activity in the subjects of sciences, social sciences, commercial or humanities always bring strength in the society directly or indirectly. Research and society is not only complementary but are mutually nonexclusive. As an institutional motto, we are very much sensitive in mind about the beneficial to the society with the outcomes of the research work. To date our investigators took initiative to demonstrate the results of their findings to the students in special classes. Besides the basic science and humanities, our teachers opted the frontier research schemes in their activities. For example, **Dr. Nandan Bhattacharyya, Principal** is highly engaged in the DNA repair & cancer; nanotechnology, and microbiology related research and **Dr. Pulakesh Bera** of Dept. of Chemistry, recently completed the project on solar cell materials and directed himself to search new smart energy material for energy consumption. Environmental problems with microbes are currently addressed by one of our young Teacher **Dr. Harekrishna Maity**, Dept. of Microbiology. **Dr. Soumitra Mondal** of Dept. of Chemistry engaged in extraction of natural products in a greener way. **Dr. Anangamohan Panja** of Dept. of Chemistry excels in the biological mimicking activity with his synthesized inorganic complex molecules. Since our science departments have no direct association with the industry right now, we give our due to the society in the form of publications in journals as well as in the form of abstracts for conferences, several of which have undergraduate students as authors. Higher numbers of good publications help us to contribute in establishing the credibility of our country in the global scientific scenario. All the learned researcher are the members of a social platform, a society under Registration Act, 1961 “Bengal Progressive Farmers’ and Agricultural Scientists’ Association” Regn No. : S/M/2278 of 2015-2016 which periodically arranged the awareness program in the village with the farmers.

The research findings and publications are shared amongst the teachers and students and community via Research Gate a social networking or by DNA Live etc.

The departments are being asked to deposit one copy of the project work in the departmental library and one in the central library.

Three patents have been filed by Dr. Nandan Bhattacharyya and his scholars. One of the patents is useful for the early detection of Ovarian cancer. Another one is single step production of alcohol from rice. The third one is for a soup which is good for diabetic patient.



3.2 Resource Mobilization for Research

3.2.1 What percentage of the total budget is earmarked for research? Give details of major heads of expenditure, financial allocation and actual utilization.

Teachers are encouraged to apply for major and minor grants to UGC, DST, CSIR, DBT etc. and the sanctioned amounts are disbursed as per guidelines of the funding agencies. In addition, college is trying to receive grants through different schemes such as CPE, DBT STAR, DST-FIST, WBDBT-BOOST. Last year we have received a grant of Rs. 25 lacs from West Bengal DBT (BOOST) for the purchase of equipment and instruments. This year also an amount of Rs. 80 lakhs has been sanctioned by DST-FIST for science departments for teaching, library, research and maintenance of instruments. In addition, the college spends a sizable amount for maintenance purpose.

Today we proudly wish to state that the relentless effort of our faculty members has brought us to a stage, where PBC has an extra mural funding reaching the magic figures of Rs.1.58 crores.

Table. 3.6

Name of the Investigator	Title of the project and duration	Amount sanctioned	Funding Agency
Dr. Nandan Bhattacharyya (Principal)	1. Functional analyses of .....express specifically in ovarian cancer	Rs.42.48 lacs	DBT, GOI
	2. Novel variant form of DNA polymerase beta found in ovarian cancer	Rs.26.3 lacs	DBT- Government of West Bengal
	3. Effect of radiation....DNA polymerase beta	Rs.8 lacs	UGC-DAE
	4. Biotechnology based Opportunities Offered to Science & Technology Departments	Rs.25 lacs	DBT- Government of West Bengal
Dr. Pulakesh Bera (Chemistry)	Single Molecular Precursor Route to Synthesis of Semiconductor	Rs. 13,05,745/-	CSIR



	Nanocrystals for Photovoltaic Application		
Dr. Pulakesh Bera (Chemistry)	“Design, development and characterization of mesoporous functional metal–organic framework (MOF)”	Rs. 11,98,200/-	UGC (Major)
Dr. Anangamohan Panja (Chemistry)	“Development of Thermal and Photo- Functional Molecular Materials using Di- and Tetra-Oxolene Chelated Valence Tautomeric Cobalt Complexes”	Rs. 26,00,000/-	DST
Dr. Anangamohan Panja (Chemistry)	“Development of coordination chemistry of paramagnetic metal ions for the queue of molecular magnetism”	Rs. 10,00,000/-	CSIR
Dr. Tapan Kr. Dutta (Zoology)	Freshwater Fishes of Purba and Paschim Medinipur District, West Bengal	Rs. 3.90.000/-	WBBB (West Bengal Biodiversity Board)

3.2.2 Is there a provision in the institution to provide seed money to the faculty for research? If so, specify the amount disbursed and the percentage of the faculty that has availed the facility in the last four years?

As stated earlier that the prime responsibility of this institution is to teach UG and PG classes whereas the research has been potentiated side by side from the very keen interest of research motivated mind of some faculties. College has not yet been able to give the seed money to nucleate research as a whole to all the faculties of the college. There is some limitation in rule and regulation for college to provide seed money to initiate research work. As of now the research units have been generated solely by the passion of some learned faculties of the institution. However, with the sincere efforts of the some faculty members, duly supported by the administration



several well equipped laboratories and Central Instrumentation facility for research work have been successfully developed in the last 5 years.

3.2.3 What are the financial provisions made available to support student research projects by students?

The college usually allocates 30-50% extra for the science and technology based subjects in the yearly budget to ensure the project work in UG and PG students. With the extra allocated money, the respective department decides to purchase the chemicals, kits, equipment etc. to conduct the project work in the following session. PBC also financially supports field and industrial visits of students to enhance their exposure to cutting edge technology.

3.2.4 How does the various departments/ units/ staff of the institute interact in undertaking inter-disciplinary research? Cite examples of successful endeavors and challenges faced in organizing interdisciplinary research.

Interdisciplinary research is the highly focused in the last few years. The UG students of Microbiology and Biotechnology have chosen the topic of their project not only based on biology but also intermingled with chemistry and mathematics. To complete the project students have an opportunity to interact with the teachers of other department and also use the simple equipments of other departments for their experiments. For example, students of bio based subjects e.g., Biotechnology, Zoology, Botany, Physiology and Microbiology took the project topic related to chemistry and mathematics and vice versa. Geography departments opted the projects which have some importance in mathematics, botany, economics etc. and vice versa. Few social science subjects determined the impact of its results with the humanities and commerce departments. As the Principal of the college is an active researcher, after his joining an initiative has been made for the collaborative work within the department and among the departments.

Few examples of interdisciplinary topics of research/projects are taken in the various departments:

**Table. 3.7 Interdisciplinary Research**

Department	Topic of project	Collaborative Department
Chemistry	Synthesis, characterization and biological activity of diazine based metal complex	Microbiology and Biotechnology
	Metal sulfide nanomaterial synthesis from single source precursor and its photocatalytic activity on living organisms.	Microbiology and Biotechnology
Physics	Optical wave guide	Advance Technology Centre, IIT Kharagpur.
Biotechnology	Dr. Nandan Bhattacharyya, Principal is collaborating with different Institute and within the College for effective interdisciplinary research which culminated into either publication or patent. <i>Please see 3.7.1 for details.</i>	

Challenges Faced:

- Difficult to find the common time except holiday as the students and teachers of different disciplines have different time tables.
- Space and Infrastructural problems for discussions.
- Shortage of time along with teaching and other co-curricular activities, due to semester system in PG courses.
- The students' orientation is much different due to the heterogeneous group; it takes time to come on the same platform.
- Scanty of permanent teaching & non-teaching staff.

3.2.5 How does the institution ensure optimal use of various equipment and research facilities of the institution by its staff and students?

With the help of UGC and WB DBT (BOOST) program, we have developed two central instrument facilities where equipments and instruments are made available centrally. The college ensures optimal use of various equipment and research facilities with the help of teaching, non-teaching staff (laboratory staff etc.) and students.

- It is ensured at the time of procuring an instrument/equipment that the product specialist gives a demonstration to the faculty and laboratory staff about the various parts and use of the instrument.
- Stock registers of equipment are also maintained to monitor the uses.



- c) The library and the labs can be made available till late hours and on holidays also, on request or prior permission of the Principal. Internet connectivity is round the clock.

3.2.6 Has the institution received any special grants or finances from the industry or other beneficiary agency for developing research facility? If 'yes' give details.

In the last 4 to 5 years, almost all the leading funding agencies namely UGC, DBT, DST, UGC-DAE and CSIR have generously granted us several institutional and individual projects. The following illustrations aptly reflect the growth of research in our college during the last four years.

Table3.8: Detail of Projects and Funding received from Industry & beneficiary agencies:

Project / Event / Purpose	Department/ College	Amount (in Lac)	Funded by	Year	Name of the Instruments, equipments
DST-FIST	07 Science Departments	80.0	DST	2015 to 2018	To be purchased
UGC-XII Plan		0.52772	UGC	2014 to 2015	Soft Ware (Central Language Lab) Non-Magnetic (Biotechnology & Geography) Equip. of Chem. Software (Central Lab.)
UGC-XI plan		25.0	UGC	2010 to 2013	Spectrophotometer (VIS), Autoclave, Incubator, LCD Projector, Lyophilizer, DC Sputtering Unit, Digital Storage Oscilloscope, Dual trace CRO (30 Mzs), Q Meter, Regulated Power Supply (30V, 5A), Ultrasonic interferomet, Function Generator, Micro Processor (8085),



					Biprism experiment set up, Smart Board, Ultra sound Therapy, Sort wave Dyatheraphy. Bicycle Ergo meter, Elec. Treadmill, Wet Spiro meter. Depth preceptor, Reaction time Assessment Apparatus, NRSA Image Hard copy for Purba Medinipur, ARC GIS 10.0, Digital Plnnero Meter Mirror-Telescope, Arial Photography, Digital Heamo cytometer, Digital PH meter.
		19.80800		2010 to 2013	Spectrometer with ACC, Rotary Evaporator with Heating Bath, etc. Systronics / u Controller based conductivity meter, C.24BL,R, 248, VS-03, Fume Hood with Fume Duct., Analytice Balance, Antiviros, Smart Board, etc., Digital Camera, Olympus, Research Binocular Microscore, Fermenter, LCD Projector.
WB-DBT (BOOST)	Biotechnology	25.0	WB-DBT	2014-17	Pipetteman set, Pipette-aid, Magnetic stirrer, 5 MLH (REMI), Table top microcentrifuge (REMI) RM-12C &



					RM-1215. Temperature controlled water bat, Gel rocker, Inverted phase contrast Microscope with Software & camera & computer, UV/VIS Spectrophotometer & PC link software & Computer, Table top cold centrifuge (REMI) Cat# C-24 BL, R-244, R-247 & VS-03, Temperature controlled shaker incubator, Laminar air flow 3x2x2 ft, Autoclave with pressure control switch, size-14" Diax 22" Deep, Single Distilled water plant, 4 lit/hr, made of SS, PCR Machine, Gel Doc system with Software & Computer
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3.2.7 Enumerate the support provided to the faculty in securing research funds from various funding agencies, industry and other organizations. Provide details of ongoing and completed projects and grants received during the last four years.

Modest amount of innovative projects clearly substantiates the fact that the goal at PBC to promote creative innovative and scientific thinking is cultivated amongst UG and PG students. As of now, however we didn't avail any research grants from Industry.

**Table. 3.9 Research grant**

Sl. No	Project Title	Principal Investigator	Funding Agency	Total Grants (in lac)	Year/ Duration
Minor Research projects					
1.	Structural and Functional models for Catechol oxidase and phenoxazinone synthase	Dr. Anangamohan Panja (Chemistry)	UGC	1.99	2011-2012
2.	Isolation, purification, structural investigation and study on immunomodulatory properties of polysaccharides from an edible mushroom <i>termitomycesstriatus</i>	Dr. Soumitra Mondal (Chemistry)	UGC	1.33	2009-2010
3.	Study on the effect of selective heavy metals (Zn, Cu, Pb) pollution and microbial load on the edible oyster (<i>Saccostrea cucullata</i>) in Sundarbans, West Bengal	Dr Harekrishna Jana (Microbiology)	UGC	0.98	2014-2015
4.	<i>Prithi Annessan: Medinipur, Bankura and Purulia.</i>	Dr. Biswaranjan Ghorai (Bengali)	UGC	1.5	2009-2010
5.	<i>Bakurar Jaana shilpa Dhara-O-shilpi samaj</i>	Dr. Shyamali Das (Bengali)	UGC	1.5	2008-2009
6.	<i>Raarheer Adivashi Unnayan: artha-samajik Prekhit</i>	Dr. Keya Samanta (Bengali)	UGC	1.5	2008-2009



7.	A studies on aqatic insect diversity in Paschim Midnapore district, West Bengal	Dr. Tapan Kumar Dutta (Zoology)	UGC	1.93	2011-12
9.	Studies on the Socio-economic status of the coastal fishermen in Purba Medinipur district of West Bengal.	Dr. Mrinmay Ghorai (Zoology)	UGC	1.58	2012-13
10.	Folk Songs of Medinipur- A Socio-Anthropological Analysis	Smt. Nupur Sanyal (Mukherjee)	UGC	2.95	2014-2016
11.	Study and Control the Dynamical Behavior of Malaria Disease to Mathematical Module"	Dr. Tuhin Kr. Kar (Math.)	UGC	3.5	2014-2015
12.	Synthesis of Biologically Active Heterocyclic Molecule Through Multi component Reaction	Dr. Moumita Paira (Chemistry)	UGC	3.10	2015-2017
13.	Assessment of Maximal Aerobic Power of Tribal Adolescents of Burdwan Division of West Bengal	Dr. Badsha Ghosh (Physical Education)	UGC	1.75	2015-2017
14.	Recent Trends of Agricultural Sector of Economy in Tamluk Sub-division of Purba Medinipur District.	Mrs. Swati Mandal (Geography)	UGC	2.40	2015-2017
15.	To study the Single Mode and Intermode Non-classicalities in Some Optical and Atomic System	Sandip Kr. Giri (Physics)	UGC	2.40	2015-2017



16.	Development of Imputationistic Fuzzy Techniques and Their Application to Inventory and Production Problem.	Dr. Nirmal Kr. Mahapatra (Math.)	UGC	2.40	2014-2015
17.	Freshwater Fishes of Purba and Paschim Medinipur District, West Bengal	Dr. Tapan Kr. Dutta (Zoology)	WBBB, Govt. of W.B.	3.90	2012-2014
Major Research projects					
1.	Functional analyses of .....express specifically in ovarian cancer Novel variant form of DNA polymerase beta found in ovarian cancer	Prof. (Dr.) Nandan Bhattacharyya (Principal)	DBT, Govt. of India	42.48	2014-2017
2.	Novel variant form of DNA polymerase beta found in ovarian cancer		DBT, Govt. of W.B	26.3	2013-2016
3.	Effect of radiation....DNA polymerase beta		UGC-DAE	8.0	2014-2017
4.	Biotechnology based Opportunities Offered to Science & Technology departments		DBT, Govt. of W.B	25	2014-2017
5.	Single Molecular Precursor Route to Synthesis of Semiconductor Nanocrystals for Photovoltaic Application	Dr. Pulakesh Bera	CSIR	13	2012-2015



6.	Design, development and characterization of mesoporous functional metal-organic framework (MOF)”		UGC	11.98	2013-2016
7.	Development of Thermal and Photo- Functional Molecular Materials using Di- and Tetra-Oxolene Chelated Valence Tautomeric Cobalt Complexes	Dr. Anangamohan Panja	DST	26.0	2013-2016
8.	Development of coordination chemistry of paramagnetic metal ions for the queue of molecular magnetism		CSIR	10.0	2015-2018

3.3 Research Facilities

3.3.1 What are the research facilities available to the students and research scholars within the campus?

Panskura Banamali College is one of the few degree colleges affiliated to Vidyasagar University has created a vibrant research environment. Not only that, it also holds a prestigious research position in West Bengal.

The research facility available within campus to the students and research scholars are listed below:

College Library:

- Fully automated library using LIBSYS as multiuser package with Smart card/ Barcode Technology. Well stock with open access system.
- Wi-Fi Internet connectivity with 10 Mbps broad band speed.
- Departmental Libraries: Some of the departments have created their departmental libraries with current titles, bought out of project grants.
- Students access those books with the permission of the teacher concerned.
- Internet Facilities: Computer Science Department is fully accessible of internet. Each department and research laboratory has also connected to internet.



- f) Instruments and equipment are purchased with the project funds.
- g) With proper financial help the college has been able to procure several research equipment. The important are – IR spectrophotometer, FTIR, Phase contrast microscope, Autoclaves, Precision balances, Double Distillation Unit, BOD incubator, Gel electrophoresis units, Ice flaking machine, UV-Vis spectrophotometer, PCR machine, Telescope, CO₂ incubator, Cell culture hoods, Microscopes, Centrifuges, 20°C Freezers, Precision Impedance Analyzer, Lab Oven (Maximum: 220°C), High voltage DC power supply, TLD Reader, pH meters, Laminar flow hoods, Rotary vacuum evaporator, Geiger counter, High temperature furnace, Sputtering unit, 80 MHz 2 channel Digital storage oscilloscope, Michelson interferometer, Solar Telescope 9.25 inch etc.
- h) Financial Assistance: The teacher and students are given some financial assistance to defend the project, interface meeting etc related to project. And the registration fees are remitted by the college for attending seminars, conferences, work shop etc.
- i) Statistical Package for Social Sciences (SPSS) software for research data analysis.
- j) Additional resources such as “INFLIBNET” made available to the researchers and teachers.
- k) Subscription of some International and national Journals.
- l) Some well-equipped laboratories.

3.3.2 What are the institutional strategies for planning, upgrading and creating infrastructural facilities to meet the needs of researchers especially in the new and emerging areas of research?

To meet the needs of researchers in the frontier research, the college authority has a capacity to provide the space for the work with all kind of amenities within a short period. The college ensures that all research related activities are completed well in advance and in such a way that they do not hamper the normal duties of teaching. Institution will provide all sorts of helps like purchase, procurement and recruit of fellow to implement the new project timely. Further, the basic facilities like electricity, library, internet, hostel to scholar etc. are provided to run the project smoothly. There is no special facility in the college for research in Humanities, Social Sciences, Commerce, Mathematics and Statistics. However, they can use the ICT facility and library.

3.3.3 Has the institution received any special grants or finances from the industry or other beneficiary agency for developing research facilities? If ‘yes’, what are the instruments / facilities created during the last four years.



To date institute has not received any grant from any industry of non-Govt. organization. But the research grant from various central and state govt. agencies procured a few high end instruments as stated earlier and equipment related to the projects works (Refer table 3.2.6). Very recently, focusing the Department of Chemistry, college received a sanction of Rs.80 lacs as Fund for Improvement of Science & Technology infrastructure (FIST) in universities & higher educational institutions (FIST-0 level) from DST, Govt. of India (Please see 3.2.6).

3.3.4 What are the research facilities made available to the students and research scholars outside the campus / other research laboratories?

Our college is the largest rural based college in West Bengal. The college is well connected through S.E Railway and N.H. 6 and is 70 KM away from Kolkata City and 50 KM from IIT, Kharagpur and Vidyasagar University. Researchers can avail the facilities of quality instruments from the institutes like IIT, IICB, Bose Institute, IACS, HIT, ISSER and university like JU, KU, VU, Viswa Bharati etc without staying at night. A large number of publications is the clear indication of the facilities availed from the neighbor institutions.

A number of instruments/facility is available for the use by research scholars from other institutes. As for example, the animal cell culture facility in the laboratory of Prof. Nandan Bhattacharyya (Principal) is being used by the scholars from IEST, Shibpur as a result 5 International publications with impact factor of 3.7 are published.

3.3.5 Provide details on the library/information resource center or any other facilities available specifically for the researchers?

Library details are available Table 2.3.9

3.3.6 What are the collaborative researches facilities developed/ created by the research institutes in the college? For example laboratories, library, instruments, computers, new technology etc.

Current day science and applied research is multidisciplinary in nature and to get results collaboration is essential. As of now, collaboration was not taken up by the college authority to Institutions abroad or in India. But every PI has national or international collaborator(s) in their respective project works with proper intimation to authority. Some faculty members are involved in research in collaboration with other research institute like IIT, Kharagpur, Vidyasagar University etc. Please see 3.7.1 for details.



3.4. Research Publications and Awards

3.4.1 Highlight the major research achievements of the staff and students in terms of

A. Patents obtained and filed (process and product): Dr. Nandan Bhattacharyya filed three Indian Patents.

- 1) Nandan Bhattacharyya, Anupam Roy, Anjan Mishra, and Krishnendu Acharya. Preparation of a low cost soup containing low fat and caloric content and having medicinal value. No: 1445/KOL/2011 of 11.11.2011.
- 2) Nandan Bhattacharyya, Kalyani Khanra, Chandan Bhattacharya, Kakali Panda, Anjan Mishra, and Anupam Roy. Marker for ovarian cancer. No: 1330/KOL/2011 of 14.10.2011.
- 3) Nandan Bhattacharyya, Anupam Roy, Kalyani Khanra, Anjan Mishra, and Chandan Bhattacharya. Single step process for the preparation of alcoholic beverage. No.:1245/KOL/2011 of 23.9.2011.

B. Original research contributing to product improvement: Nil

C. Research studies or surveys benefiting the community or improving the services:

Total 9 major projects and 20 minor projects benefited directly or indirectly to the society and related scientific community through results, discussion and conclusion thereof (Please refer to 3.4.3). Recently, the college is collaborating with Government of West Bengal for the survey of old age people in and around the District of Purba Medinipur under the Guidance of Dr. Sirshendu Maity, Department of Economics. The students who are involved in this program will be paid by the GOWB. Thus this a perfect example of *Earn while you learn program*.

D. Research inputs contributing to new initiatives and social development: NIL

3.4.2 Does the Institute publish or partner in publication of research journal(s)? If 'yes', indicate the composition of the editorial board, publication policies and whether such publication is listed in any international database?

Although the College does not publish or patronize in publication of research journals, but the faculty of this college is in the editorial board of the following International Journals

Dr. Nandan Bhattacharyya is the **Regional Editor** for the following International Journals.

1. International Journal of Cancer Research
2. Research Journal of Mutagenesis
3. Asian Journal of Biotechnology



4. Research Journal of Nanoscience and Nanotechnology
5. American Journal of Biochemistry and Molecular Biology
He is also *senior editor* of the following Journal
6. *American Journal of Cancer Biology, USA*

In addition, Prof. Bhattacharyya is in the organizing committee of 3rd Annual International conferences on Advances in Cancer Medical Research (ACMR 2016) to be held at Singapore on and from 22-23 February, 2016 (<http://www.cancerresearch-conf.org/Committee.html>).

3.4.3 Give details of publications by the faculty and students:

Table. 3.10

BOOK / ARTICLE IN JOURNALS PUBLISHED	Total number of publication
National and International Journal (2011-2015)	249
Books with ISSN/ISBN numbers (2011-2015)	32
Books without ISSN/ISBN numbers (2011-2015)	22

List of Research Publications in SCI Journals coming from the Department during the last five years (Authors Names, Title of Paper, Name of the Journal, Volume, Page nos., Year).

2015

1. Shyamaprosad Goswami, Sibaprasad Maity, Annada C Maity, Avijit kumar Das, Bholanath Pakhira, Kalyani Khanra, **Nandan Bhattacharyya**, Sabyasachi Sarkar. (2015) ES IPT based Hg²⁺ and fluoride chemosensor for sensitive and selective 'turn on' red signal and cancer cell imaging. *RSC Advances*. 5, 5735-5740. IF:3.84
2. **Anangamohan Panja**, Synthesis, structures, electronic properties and DFT calculations of cobalt(II) complexes with redox-noninnocent naphthoquinone ligand, Polyhedron Accepted Manuscript, 2015, POLY-D-15-00922
3. Shyamaprosad Goswami, Avijit Kumar Das, Urmila Saha, Sibaprasad Maity, Kalyani Khanra, and **Nandan Bhattacharyya** (2015) Rapid detection of hydrazine in naphthol-fused chromenyl loop and its effectiveness in human lung cancer cells: tuning remarkable selectivity via reaction altered pathway supported by theoretical studies. *Organic & Biomolecular Chemistry*. 13, 2134-2139. IF:3.562.



4. Khanra, K., Choudhuri, I., Panja, S., **Bhattacharyya, N.** (2015) Isolation and identification of an amylase producing trace tolerance bacteria from industrial waste of Haldia, an industrial town of India. *International Journal of Research Studies in Biosciences* 3(10):1-7
5. Khanra, K., Panja, S., Choudhuri, I., **Bhattacharyya, N.** (2015) Antibacterial, Insecticidal Activity and cytotoxicity of Methanol, Ethanol, Hot aqueous and Cold aqueous extracts of *Crotalaria Juncia* *Int. J. Curr. Res. Biosci. Plant Biol*, 2(10):98-103.
6. Kalyani Khanra, Sudipta Panja, Indranil Choudhuri, Anindita Chakraborty and **Nandan Bhattacharyya** (2015) Evaluation of antibacterial activity and cytotoxicity of green synthesized silver nanoparticles using *Scopariadulcis*. *Nano Biomed Eng* 7(3): 128-133. ISSN 2150-5578
7. Kalyani Khanra, Anindita Chakraborty, and **Nandan Bhattacharyya** (2015) HeLa cells containing a truncated form of DNA polymerase beta are more sensitized to alkylating agents than to agents inducing Oxidative stress. *Asian Pacific J. Cancer Prev.* IF:2.514.
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9. Kalyani Khanra, Sudipta Panja, Indranil Choudhuri, Anindita Chakraborty and **Nandan Bhattacharyya** (2015) Synthesis and evaluation of bactericidal, and cytotoxic properties of silver nano-particle synthesized from root extract of *Asparagus racemosus*. Accepted in *Nano Biomed Eng.* ISSN 2150-5578
10. Shyamaprosad Goswami, Avijit kumar Das, Gorachand Dutta, Sibaprasad Maity, Tarun Kanti Mandal, Kalyani Khanra and **Nandan Bhattacharyya**, Concentration dependent auto-relay-recognition by same analyte: Dual fluorescence switch-on by hydrogen sulfide via Michael addition followed by reduction and staining bio-activity. (2015) *Organic & Biomolecular Chemistry*, DOI:10.1039/C5OB02008E. Impact Factor: 3.562
11. Kalyani Khanra, Indranil Choudhuri, Sudipta Panja and **Nandan Bhattacharyya** (2015) Partial purification and biochemical characterization of amylase from *Aeromonas caviae* NK1 isolated from Industrial waste of India. Accepted in *J. Biol. & Life Sci.* ISSN# 2157-6076.
12. Gopinath Mondal, Sumanta Jana, Ananya kumara Santra, Moumit aAcharjya, Pradip Bera, Dipankar Chattopadhyay, Anup Mondal and **Pulakesh Bera** (2015) Single-source mediated facile electro synthesis of p-Cu₂S thin films on TCO (SnO₂:F) with enhanced photo catalytic activities, *RSC Advance*, , 5, 52235-52242, DOI: 10.1039/c5ra06102d.



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222. **Avishek Mandal**, 2012, *Cheleke Histri Parate Giye : Natun Venuser Pratishruti* ISSN 0976-9463
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227. **Tania Bhattacharya** (2012) Swami Vivekanander Dristite Barnabaisamya O Tar Pratikar, Readers Service, ISBN 978-81-87891-59-8
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243. **Madhbanti Shome**, 2011, Shikarher Dana, *DanarShikarh in Review Preview*
244. **Madhbanti Shome**, 2011, *Bouthakuranir Hat: Bhabnar Abandhya in Prayas Review Preview*
245. **Avishek Mandal**, 2011, *Santoshkuma rGhosher Galpa :Ahata Manushytwrer Anatarbas in Tabu ekalabya*
246. **Avishek Mandal**, 2011, *Lipika : Noishabder Aksharmala in Rabindranath : Anya Matray*, Anya Borne
247. **Avishek Mandal**, 2011, *Ma-bhumir Adhikar : Prtirodher Ulgulan O Chottir Tir*, ISSN 0976-9463
248. **Nupur S. Mukherjee** (2011) Folk Songs of Medinipur– A Socio-Anthropological Analysis, *Centre for Ethnic Studies and Research (CESR)*, ISBN 13-978-81-910859-8-3.
249. **Nupur S. Mukherjee** (2011) *Karma Yoga of Swami Vivekananda*.

Number of paper published by faculty and students in peer reviewed journals (National/International):

See referred journals list of publication

Table. 3.11 Number of Publications (2011-2015)

DEPARTMENT	NAME OF THE TEACHER	Journals	Books	Chapter in Book	Total
BENGALI	Dr. Biswaranjan Ghorai		2	3	5
	Dr. Apu Das			10	10
	Dr. Keya Samanta		3		03
	Smt. Madhubanti Shome	8	2		10
	Sri Avishek Mandal	6			6
	Dr. Shyamali Das		1		01
BIO-TECHNOLOGY	Dr. Nandan Bhattacharyya	31	9		40
	Dr. Kalyani Khanra.	26	2		28
	Mr. Somnath De.	1	1		1
CHEMISTRY	Dr. Pulakesh Bera	8			8
	Dr. Pradyut Kumar Bera				
	Dr. Soumitra Mondal	2			2
	Dr. Anangamohan Panja	22			22
	Mr. Raju Singha	14			14



DEPARTMENT	NAME OF THE TEACHER	Journals	Books	Chapter in Book	Total
ENGLISH	Smt.Anindita Bhumick	3			3
	Mr. Kanak Kanti Bera	2			2
	Mr. Krishanu Maiti	6			6
	Mr. Sovan Tripathy	2			2
GEOGRAPHY	Dr. Nirmalya Das	13	04	--	17
	Smt. Swati Mandal	03			03
	Sri Tarun Sasmal	02			02
	Sri Balai Adhikary	03			03
	Sri Rajeeb Samanta	10			10
	SK Majharul Islam	04	01	01	06
MATHEMATICS	Mr. Sanjib Kuila	1			1
	Dr. Nirmal Kr. Mahapatra	4			4
	Dr. Tuhin Kr. Kar	4			4
	Dr. Kazi Abdul Halim	2			2
MICRO-BIOLOGY	Dr.Harekrishna Jana	17			17
PHYSICAL EDUCATION	Badshah Ghosh	21			21
	Buddhadev Nanda Goswami	1			1
HISTORY	Jitesh Chandra Roy	1			1
PHYSICS	Bidyut Samanta	4	1		5
	Abhijit Kar Gupta	1	1		2
	Sandip Giri	1	1		2
	Rajashree Hati	1	1		2
PHYLOSOPHY	Nupur Sanyal Choudhury	3			3
	Paromita Roy	1			1
	Tania Bhattacharyay	6			6
ZOOLOGY	Dr. Mrinmoy Ghorai	6			6
	Madhuri Debnath	2			2
TEACHERS' TRAINING DEPARTMENT (B. ED.)	Dr. Tapan Kr. Dutta	4	2	2	8
	Mrs. Bijali De	2	-	-	
	Mr. Sibasis Jana	1	7	2	10
	Mrs. Shilpa Bhattacharyya	2			2
	Mrs. Anushri Dutta	3			

**Books Edited: BOOK / BOOK CHAPTERS:**

1. Recent Advances in Life Sciences (2004): Editors: **Nandan Bhattacharyya** and Chandan Bhattacharyya; Research Signpost, Trivandrum, INDIA. ISBN 8177362305 (81-7736-230-5)

Books with ISBN/ISSN numbers with details of publishers:

1. **Bhattacharyya, N.** and Banerjee, S. (2003) Base excision repair in lung cancer, In: Methods in Molecular Medicine in Lung Cancer (Driscoll, B., ed.), Humana, Totowa, NJ, .pp 415-440.
2. **Nandan Bhattacharyya**, Sipra Banerjee and Chandan Bhattacharyya (2003) Effect of retinoic acid and TPA on the _expression of DNA polymerase beta, in Recent Research Developments in Biophysics & Biochemistry, Vol. 2. Research Signpost, Trivandrum, INDIA.
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5. C. Bhattacharya, R.P. De, **N. Bhattacharyya** and A. Das (2012) Indigenous knowledge of the tribal communities on ethno-medicines. In: Indigenous people in India: identity, empowerment and discontent (Dipak K Midya, ed.), APH Publishing Corporation, New Delhi, India; p164-170.
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7. Anupam Roy, KalyaniKhanra, and **Nandan Bhattacharyya** (2013) Development of new or improved rice-based product in the ever changing market scenario. In: Contemporary technological, social, and management issues-theoretical and conceptual perspectives (Santra et al., ed), Published by SPS Education India Pvt. Ltd., Kolkata, India; p232-235. ISBN:978-81-925299-2-9
8. **Nandan Bhattacharyya** and Kalyani Khanra (2015) An introduction to cancer biology: A text book. ISBN# 978-1-5177-7399-1. Published by Edu Pedia Publications (P) Ltd; D/351, Prem Nanar-2, Kirari; New Delhi, PIN-Code 110086, India



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13. **Sibasis Jana** & J. Sarangi, (2012), Nation and Narration: A study of Jayanta Mahapatra’s Select poems. Pub. in Jayanta Mahapatra: Joyof Living and Loving in his poetry ed. by Dr. Jaydeep Sarangi. Pp-84-109. Aavishkar Pub. and Distributors. Jaipur, ISBN—978-81-7910-374-6.
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15. **Sibasis Jana** (2013), “Quest for Green Liberation and Enlivening Integral theology: A study in Dalit Ecotheology” published in ed.book –Marginal Writings in English . Bengali and other Regional Literature. Ed. by Dr. Jaydeep Sarangi and Champa Ghosal. 184-191. Authorspress. New Delhi, ISBN—978—81-7273-717-7.
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27. Nirmalya Das (2015), Geography of Market Analysis, Rupali Publisher, Kolkata, ISBN, 978-93-8166981-5
28. **Madhubanti Shome**, Jyotirmoyee Devir Chhotogalpo Ebong Rajasthan ,AbhijanPublishers 978-93-80197-02-9
29. **Madhubanti Shome**, Satabarshe Manto: Phire Dekha PhirePaoa, Sahitya Sangi , 978-93-82045-64-9
30. **Biswaranjan Ghorai**, Lolachandaser Durllovesar Jaladarchi ISBN 978-83-83798-01-8
31. **Biswaranjan Ghorai**, Prabandha Samucchay Jaladarchi ISBN 978-83-83798-19-3
32. **Keya Samanta** (2015) :Samaj Rupantare Rarh Bangla : Tarashankar-Mahasweta Debi , ISBN :978-93-80755-58-8



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5. Nirmalya Das, Adhunik Bhugol, (Bengali) for class VII, Published by New Light, Kolkata, Approved by WB Board of Secondary Education, Vide T.B. No. Syll / TB/Geo / VII / 04 / 244.
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13. **Apu Das** (2013), Bhumika : Banaphul Rachana samagraha (Vol. 8), Banishilpa, pp, 1-16.
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22. **Dutta, T.K.** and Pahari, P.R. (2010). '**PRANIVIDYA**' Rita Publishers, Sarat Pally, Medinipur

3.4.4 Provide details (if any) of Research awards received by the faculty. Recognition received by the faculty from reputed professional bodies and agencies, nationally and internationally.

Table. 3.12 Awards

Sl. No.	Name	Awards
1.	Prof. Nandan Bhattacharyya	<ol style="list-style-type: none"> 1. Organizing committee member of 3rd Annual International conferences on Advances in Cancer Medical Research (ACMR 2016) to be held at Singapore on and from 22-23 February, 2016 (http://ww.w.cancerresearch-conf.org/Committee.html). 2. All India Congress of Cytogenetics & Genetics- Life member 3. Indian Science Congress Association 4. Asia Pacific Organization for Cancer Prevention 5. DNA Repair Interest Group, National Institute of Health, USA 6. Sigma XI
2.	Dr. Anangamohan Panja	<ol style="list-style-type: none"> 1. JSPS invited Researcher, Nara Institute of Technology, July 2010 to April 2011 2. Awarded JSPS Postdoctoral Fellowship on August 2006 3. He has also been awarded DST-Fast track Project, Govt. of India in 2013. 4. Awarded two Post Doctoral fellowship in abroad (a) Awarded Erasmus Mundus Fellowship for postdoctoral researcher (2009).



		5. Postdoctoral Research Associate in the Department of Chemistry, Wichita State University, 1845 Fairmount, Wichita, KS 67260-0051, USA. March 2004 – June 2006.
3.	Dr. Pulakesh Bera	1. Awarded Post Doctoral Fellowship by Korea Research Institute of Chemical Technology from Aug.2002 to Sep. 2009.
4.	Dr. Badshah Ghosh	1. Editor, International Journal of Multidimensional Research
5.	Dr. Sugata Sen	1. UGC travel Award- 2014 for attending World Social Science Congress, Durban, South Africa.
6.	Dr. Amzad Hossain	1. “Santrasbad Banam Islam”: Bangladesh Itihas Parisad: National Biannual Conference held at Dhaka, Bannglash in 2014.

Incentives to faculty for receiving state, national and International recognitions for research contributions. None yet

3.5 Consultancy

3.5.1 Give details of the systems and strategies for establishing institute industry interface?

Our college has not yet devised well charted path of system and strategy for establishing institute-industry interface. Being a large college, situated in a rural area, far from the metropolitan city, we have to face the hurdles to attract recruiters for campus interviews etc. for our outgoing students in science based subjects. However, we take a concerted effort to work in this regard. Our faculty members working in the frontline areas in several subjects like biotechnology, microbiology, chemistry and other subjects are making the effort to tie their works with industry and influence their future actions.

We recognize the scientific approaches in different field of chemistry, biochemistry, agricultural chemistry, environmental and soil studies that can directly influence the society for performing better option in cultivation, agriculture, ecology and environment. Cultivating and promoting the hands on expertise in future for the nation has also been an objective of the college.



Over the past several years, our college has invited some representatives and recruiters from major companies such as *Tata Consultancy Services, Rashmi Cement, Shyam Steel, Himedia, Wipro* etc. Throughout the academic year, various seminars related to resume writing skills, communication skills and employability checks have also been organized by the Placement Cell especially for the final year (sent up students) and pre-final year students to help them prepare themselves to combat the recruiters' requirements. An attempt to create a platform to invite successful entrepreneurs' placement cell invite talks, discussions and workshops.

3.5.2 What is the stated policy of the institution to promote consultancy? How is the available expertise advocated and publicized?

The policy of consultancy is as per state govt. norms. The policy is divided into two parts-remunerative and non-remunerative.

The 40% of net consultancy fee is deducted by the college for providing infrastructure facility. (Net consultancy = Total consultancy fee-the amount will be used for consumables and reagents + any tax involved). 60% of the net consultancy will be given to the consultant.

The permission shall be granted subject to the condition that the work as consultant shall in no way affect the work at PBC.

Such employee of PBC shall make himself/herself available for any duty at PBC, whenever required at any time, even at the cost of giving up consultancy.

However, the institute authority reviews the cases as they come and considers them sincerely. At the informal level, the Microbiology and Geography departments provide consultancy services.

3.5.3. How does the institution encourage the staff to utilize their expertise and available facilities for consultancy services?

Although there is no major involvements of the staff for any formal and paid consultancy services, the institution, nevertheless, usually extends generously to allow its staff members to attend the social programs for which he or she is relinquished from his normal duties for a period of time and thus may get reenergized. The experienced and learned faculty members happen to be the members of different bodies/societies related to college and elsewhere (GB, BOS, IACS, National Library, ICS, NGO's, Blood Donors' Associations, Scientific bodies, Social organizations, Clubs etc.). They are normally allowed to participate in any kind of general meeting of the bodies or



associations. In such cases, the teaching loads and other duties are shared by the fellow faculty members and staff.

3.5.4 List the broad areas and major consultancy services provided by institution and the revenue generated during the last four years.

Though it is small but the meaningful consultancy services have been created in the college in the recent past. Some of the services are mentioned below:

Table. 3.13 Consultancy

Department	Consultancy	Amount incurred	Year
Geography	RS and GIS	Rs. 16,000/-	2014
Microbiology	Guidance for external project work	Rs. 15,500/-	2014

3.5.5 What is the policy of the institution in sharing the income generated through consultancy (staff involved: Institution) and its use for institutional development?

The 40% of net consultancy fee will deducted by the college for providing infrastructure facility. (Net consultancy = Total consultancy fee-the amount will be used for consumables and reagents + any tax involved). 60% of the net consultancy will be given to the consultant.

3.6 Extension Activities and Institutional Social Responsibility (ISR)

We recognize that the higher educational institutions can no longer function as isolated body but rather must create opportunities and compartments where students and communities of the 21st century can learn together to embark upon a sensitive and complementary relationship towards each other. This social interaction helps to manifest the student to be sensitive citizens of 21 century. Our college is aware of its social responsibilities and thus attempts to work to make a good society through teaching, research and community service. The college encourages the faculty and students to participate in various extension programs to promote institution-



neighborhood community network. A kind of blueprint has been drawn by the college to ensure the social responsibility and its practice.

For details please refer 4.1.2 (b) C under NSS subheading.

3.6.1 How does the institution promote institution-neighborhood- community network and student engagement, contributing to good citizenship, service orientation and holistic development of students?

The institution is situated in a rural area where different communities peacefully co-exist. The area has a relatively high population density and there is a large wholesale market place for agricultural commodities like vegetables, fruits, fishes and rice etc. A large section of the residents around the college campus consist of the religious minority people like Muslims and some tribal people like Santhals. Certainly, the college takes some community development programmes with the people living around the nearby locality.

- a) Institution promotes various awareness camps, blood donation camps, farmers' meet for the benefit of the local people.
- b) The programs like art of living program, inter college tournaments are organized where local are welcomed in participation along with the college students.
- c) The college also rents the auditorium for conducting Youth camp by *Vivekananda Yuva Maha Mandal*, plenums of students' organizations etc.
- d) The college also facilitates to house a branch of the Bangiya Gramin Vikash Bank (Govt. undertaking) in its premises for smooth operation. This enables the bank to cater to large number of people all around the locality along with the staff and students of the college.
- e) Every year the students' union conducts social functions which see spontaneous jubilant participations from local areas.
- f) The college allows a part of its playground to be used by the young people from the locality for their regular activities in sports.
- g) Recently the Panskura Municipality constructed a Pump house and deep tube well inside the college campus to supply drinking water to the locality. The college has extended its full-fledged support with free of cost in this regard.
- h) Students of the college whole heartedly participate in the cultural affairs and sports organized each year by the students' union. Besides, senior students from each department organize freshers' welcome ceremonies, picnic, field trips, tours and other cultural and social activities.



3.6.2 What is the Institutional mechanism to track students' involvement in various social movements / activities which promote citizenship roles?

The college recommends student volunteers when the local administration seeks some sort of help to manage the huge gathering during some social occasions and fairs. Teachers with groups of students visited some remote places and rural areas to understand and mitigate the problems that crop up occasionally. The problems and social hazards occur mainly due to lack of proper education and prevailing superstitions among the common people. Since the college is situated in a rural area, the recognition of the importance of agriculture and livestock in the life of the people and the need to introduce scientific approach are of utmost importance. The impact of public address and regular visits to the rural and remote areas, the discussions and sharing ideas cannot be denied. The college informally keeps on doing such things. For example, an unscientific way of cultivating poultry farm and geese that is polluting the water bodies and environment are some common features in the locality and in the villages. Draining of urine and cow dung in the public places, deposition of rubbishes, using random pesticides in agriculture and many such matters are carefully addressed to the general people.

On the other hand, participation in the ***Mock Parliament*** sessions has been one important consideration regarding the participation of students for developing national awareness and building up of leadership qualities in them (*for details please see 4.1.2. under Youth Parliament subheading*). This not only gave them a first-hand experience of legislation on issues of local and national importance but also helped them to comprehend the wider ramifications of issues like child abuse and juvenile justice with a global perspective etc. Involvements of students in such programmes are always encouraged, supported and recognized to give them credits in some form or other. By such activities and efforts, it may be said that there is a translation of classroom learning into the building of sincere concern towards the society around and in a wider perspective.

3.6.3 How does the institution solicit stakeholder perception on the overall performance and quality of the institution?

The representatives of various stake holders are already present in the composition of the Governing Body. The opinions and advices from them relating to the quality improvement of the college are considered with high regard and due importance. Besides, informal participations and the suggestions from the guardians, members from neighboring community are valued with utmost importance. In some occasions while observing some ceremonies, the college authority invites and shower honors to distinguished personalities, e.g. renowned teachers, representatives of



administrative bodies and NGO's, freedom fighters, entrepreneurs, innovators, illustrious cultivators and all.

Feedback from students is taken which indicates institutional performance. Recently we have started taking feedback from alumni and parents online which will help us in planning and recognize the activities from time to time.

3.6.4 How does the institution plan and organize its extension and outreach programs? Providing the budgetary details for last four years, list the major extension and outreach programs and their impact on the overall development of students.

The budget is allocated for various programmes conducted by the students' union and NSS units, like Blood donation camps, health awareness camps, Tree planting activities, Cultural functions, Sawaswati Puja, Students' get together and for many other social activities of them. It is to be noted that the students programs like health and blood donation camps, annual cultural programmes and some such activities have a wide participation and involvements from the neighboring community.

Table. 3.14 Extension and outreach programs

Sl. No.	Event	2011	2012	2013	2014
1.	Social Function	2,18,000.00	2,88,000.00	3,23,240.00	4,19,250.00
2.	Swaraswati Puja	46,170.00	50,000.00	59,000.00	97,575.00
3.	Inter College Sport	75,000.00	65,000.00	95,000.00	1,47,680.00

NSS Unit #	2011-12	2012-13	2013-14	2014-15
I	-	-	45000	45000
II	-	-	45000	45000
III	-	-	45000	45000

3.6.5 How does the institution promote the participation of students and faculty in extension activities including participation in NSS, NCC, YRC and other National/International agencies?

PBC promotes the participation of students and faculty in extension activities through the following mechanism:



- a) To ensure maximum participation, notices and circulars are sent to all the Departments about the events and are also displayed on the Notice Boards across the campus.
- b) Three NSS units in the college actively carry on various social activities and awareness camps. The college authority extends all possible helps towards the realizations of their plans and programmes.
- c) A faculty-in-charge for coordinating the extension activities is chosen who works along with a team of dedicated teachers and student representatives. To encourage the initiatives of the participating students and to cultivate a sense of belonging, motivational camps are organized. The college authority provides meals and tiffin allowances for the participants.
- d) The college issues participation certificates.
- e) The college provides the accessories and lab equipment relating to the extension works.
- f) Documentary videos and photographs of the events are preserved.
- g) The college has applied for a NCC unit in the college for both boys and girls to the 56 Bengal Battalion. They have accepted our application. The college students are enrolled with nearby educational institutions for NCC. One of our college student also participated in the Republican Day Parade.

For details please see 4.1.2

3.6.6 Give details on social surveys, research or extension work (if any) undertaken by the college to ensure social justice and empower students from under-privileged and vulnerable sections of society?

Social justice and empowering students from the weaker section of society is highly focused in the form of students' aid fund, poor fund, annual fees concession, railway monthly concession and specimen copies of books distribution etc. The following table shows the college contribution to the events on social justice and empowering students. Recently we have started "Earn while you learn" program with the help of Government of West Bengal (For details please see 3.4.1)

Table 3.15 Financial Assistances to Students

Sl. No.	Event	2011	2012	2013	2014
1.	Students' aid fund (Rs.)	15,460.00	16,590.00	37,000.00	22,450.00
2.	Students' poor fund (Rs.)	10,300.00	8,300.00	10,300.00	25,370.00
3.	Fees concession (Rs.)	2,53,891.00	3,45,390.00	1,42,717.00	1,49,927.00
4.	Railway monthly concession (number)	2057	2134	2344	2606
5.	Book donation (number)	136	265	230	320



3.6.7 Reflecting on objectives and expected outcomes of the extension activities organized by the institution, comment on how they complement students' academic learning experience and specify the values and skills inculcated.

The students of this college participated enthusiastically in the extension activities and any organized effort that has social relevance. This helps to induce their self-belief and their sense of belonging in the college and in the society as a whole. We have noticed with time, the students not only become a complete and descent human in the process, but also reinforces their confidence in what they are about to do. Certainly, this participation in extension activities and voluntary works, influence their academic performance in a very positive way. We have not formally evaluated any correlation though; we nevertheless, can conclude from our observations and attachments with them, they do better in studies and in life in the long run. The institution encourages the students to carry out new plans for courses of action to be undertaken. The institution is attempting to blend these pursuits of academics and social responsibility with student participation by encouraging active research in innovative fields. Posters and write-ups on the issue are put up across the campus. Such initiatives may help to lessen the gulf between the society at large and the study class rooms and work in the research laboratory within the campus.

Actively participating in such programs our students have zealously joined the ***Swachh Bharat Abhiyan*** whereby they have organized many drives to clean the adjoining area of college building. Such efforts have certainly gained much appreciation from the neighborhood around and have thus been translated into meaningful exercises.

Values and Skills inculcated:

- Changing the mindset of students from luxuries to necessities.
- Sensitivity to nature and environment.
- Less dependence on others and voluntariness for self- service.
- Importance of team work and more tolerant to each other.
- Change in lifestyle and respect for under-privileged.
- Skill for leadership and better communication skills.

3.6.8 How does the institution ensure the involvement of the community in its reach out activities and contribute to the community development? Detail on the initiatives of the institution that encourage community participation in its activities?



Some initiatives that are taken to expedite the community development programs are stated below:

- a) Visiting some surrounding areas by a team comprised of the motivated young students and staff.
- b) Interaction with the people from the surrounding community for their common health and environmental problems.
- c) Suggestions are usually given to the people for healthy practices in health camps. Some unused gadgets are distributed to the community people at free of cost.

3.6.9 Give details on the constructive relationships forged (if any) with other institutions of the locality for working on various outreach and extension activities.

Initiation for the establishment of **Flower Research Hub** in the local area was initiated by a NGO “*Bengal Progressive Farmers and Agricultural Scientists Association*”. For which the total responsibility was given to the faculty members of our college those who are associated with the organization. The college hands out the blue print of a state-of-the-art flower research hub to be stationed at Panskura. An extensive meeting was conducted at the college premises in recent times to look for the modalities and to discuss the possibilities.

3.6.10 Give details of awards received by the institution for extension activities and/contributions to the social/community development during the last four years.

Shankar Sinha (PBC, Botany) was as selected as Team Leader of West Bengal Contingent for All India Mega NSS Camp and two students Sagarika Banerjee (PBC, Biotech) and Chinmoy Das (PBC, Music) also represented the same camp. **Please see 4.1.2 for details.**

3.7 Collaboration

3.7.1 How does the institution collaborate and interact with research laboratories, institutes and industry for research activities. Cite examples and benefits accrued of the initiatives - collaborative research, staff exchange, sharing facilities and equipment, research scholarships etc.

The college authority and the research wing recognize the importance of collaboration and its wide impact on the quality of research and teaching. Collaborative research works at the theoretical and experimental levels and extending the facilities to share with the collaborators are appeared to be integral part of modern day research.



The college wants to rip the benefit from the collaborations with various research institutes, researchers and experts. Such opportunities would definitely enhance mutual understanding of the subject and would help to develop a better work culture.

Table 3.16 Research Collaboration

Sl. No.	Department	Teacher	Collaboration with institutions	Benefit accrued from collaboration
1.	Biotechnology	Dr. N. Bhattacharyya	1. Prof. Shyamaprosad Goswami, Indian Institute of Engineering Science and Technology, Shibpur 2. Prof. Chandan Bhattacharyya, Bidhan Chandra Krishi Viswavidyalaya, WB 3. Dr. Ranu Sarkar, R.G. Kar Medical College 4. Dr. Sipra Banerjee, Cleveland Clinic Foundation, USA 5. Dr. Anindita Chakraborty; UGC-DAE, Kolkata 6. Prof. Krishnendu Acharyya; Department of Botany, Calcutta University	5 Papers 6 papers and 2 patents 2 papers 1 paper 3 papers 1 Patent



Sl. No.	Department	Teacher	Collaboration with institutions	Benefit accrued from collaboration
2.	Microbiology	Dr. H. K. Jana	<ol style="list-style-type: none"> 1. Dr. Avijit Mitra, Department of Oceanography, Techno India University, Salt Lake, Kolkata. 2. Prof. Bikash Ranjan Pati, Department Of Microbiology, Vidyasagar University. 3. Dr. Kesab Chandra Mondal, Department Of Microbiology, Vidyasagar University. 	Instrumental facilities
3.	Chemistry	Dr. P. Bera	<ol style="list-style-type: none"> 1. Dr, Sang Il Seok, Korea Research Institute of Technology (KRICT), Device Material Center, Daejeon, South Korea. 2. Dr. Anup Mondal, Department of Chemistry, IEST, Howrah. 3. Dr. Nemaichand Pramanick, Depart C-MET, Thrissur, Kerala. 4. Dr. Dipankar Chattopadhyya, Department of Polymer Science & Technology, University of Kolkata. 	Instrumental Analysis like PXRD, SEM, TEM, XPS, Single X-ray diffraction and Solar Cell fabrication. and knowledge sharing



Sl. No.	Department	Teacher	Collaboration with institutions	Benefit accrued from collaboration
4.	Chemistry	Dr. A. Panja	<ol style="list-style-type: none"> 1. Dr. David M. Eichhorn, Department of Chemistry, Wichita State University, Wichita, KS 67260, USA 2. Dr. Paula Brandão, Department of Chemistry, CICECO, University of Aveiro, 3810-193 Aveiro, Portugal 3. Dr. Antonio Frontera, Departament de Química, Universitat de les IllesBalears, Crta. de Valldemossa Km 7.5, 07122 Palma de Mallorca (Balears), Spain. 4. Dr. Corine Mathonière, Univ. of Bordeaux, ICMCB, UPR 9048, F-33600 Pessac, France. 5. Dr. Mahammad Ali, Department of Chemistry Jadavpur University, Kolkata 700 032, India. 6. Dr. Amrita Saha, Department of Chemistry Jadavpur University, Kolkata 700 032, India. 	Instrumental facilities and knowledge sharing
5.		Dr. S.Mondal	<ol style="list-style-type: none"> 1. Dr. Sirajul Islam, Department of Chemistry, Vidyasagar University, Midnapore, West Bengal 	Instrumental Facilities and knowledge sharing



Sl. No.	Department	Teacher	Collaboration with institutions	Benefit accrued from collaboration
6.	Mathematics	Dr. N. Mahapatra	i. Dr. Shyamal Kr. Mondal, Department of Applied Mathematics, Vidyasagar University. ii. Dr. Asoke Kumar Bhunia, Department of Mathematics, Burdwan University, West Bengal.	Analysis and Software development and knowledge sharing
6.		Mr. Sanjib Kuila	Dr. Madhumangal Pal, Vidyasagar University	Ph. D work and Research scholar
7.	Bengali	Dr. B. Ghorai	1. Professor Durgasankar Mukhopadhyaya, Department of Bengali, University of Kolkata. 2. Dr. Shrutinath Chakraborty, Department of Bengali, Vidyasagar University. 3. Dr. Sumangal Rana, Viswa Bharati, West Bengal.	Guidance in collection of old scripts
8	Physics	Dr. Bidyut Samanta	1. Dr. Pranabendu Ganguly, Advanced, Technology Centre, IIT Kharagpur	Experimental collaboration and research publication



		Mr. Sandip Giri	1. Dr. Biswajit Sen, VTT College, West Bengal; 2. Prof. (Dr.) Anirban Pathak, Jaypee Institute of Information Technology, Noida; Prof. (Dr.) Swapan Mandal, Visva Bharati University, Santiniketan; Prof. C.H. Raymond Ooi, Joint Laboratory of Optics of Palacky University and Institute of Physics of Academy of Science of the Czech Republic, Faculty of Science, Palacky University	Theoretical Collaboration and Research Guidance
		Dr. Abhijit Kar Gupta	1. Dr. Sourabh Banerjee, Department of Physics, Chandernagore Govt. College, West Bengal	Theoretical Collaboration
9.	Physical Education	Dr. Badshah Ghosh	1. Kalyani University, Jadavpur University, Barasat State University	Research Collaboration
10.	B.Ed. (Zoology)	Dr. Tapan Kr. Dutta	1. Dr. Malabendu Jana, Section of Neuroscience, Department of Oral Biology, University of Nebraska Medical Center, 40th Holdrege, Lincoln, NE-68503 – USA, E.mail: mjana90@hotmail.com 2. Dr. Ramesh Chandra Ray, Principal Scientist (Microbiology), Central Tuber Crops Research Institute, Bhubaneswar 751 019, Odisha, India, Fax: 91-674-2470528, E.mail: rc_ray@rediffmail.com 3. Dr. Asish Kr. Mandal, Department of Botany, bishnupur Ramananda College, Bishnupur, University of Burdwan, West Bengal	Publication



3.7.2 Provide details on the MOUs /collaborative arrangements (if any) with institutions of national importance/other universities/ industries/Corporate (Corporate entities) etc. and how they have contributed to the development of the institution.

Our College is gaining momentum in the research and development for the last few years. So far there has not been any MOU or agreements with the other national and international institutions. The college authority and the faculty members strongly believe that MOU's or agreements are necessary to keep up and enhance the standard of the research environment in this institute.

3.7.3 Give details (if any) on the industry-institution-community interactions that have contributed to the establishment/ creation/up-gradation of academic facilities, student and staff support, infrastructure facilities of the institution viz. laboratories / library/ new technology / placement services etc.

Recently we are collaborating with Indian Oil Corporation for two things. They are creating toilet facility for students. They will also make water harvesting technology with drinking water facility in the campus. Haldia Development Authority (HDA) has taken initiative to construct the college boundary wall and other infrastructural facilities and the first floor of new library building.

3.7.4 Highlighting the names of eminent scientists/participants who contributed to the events, provide details of national and international conferences organized by the college during the last four years.

Please see 2.3.6 for details.

3.7.5 How many of the linkages/collaborations have actually resulted in formal Mo Us and agreements? List out the activities and beneficiaries and cite examples (if any) of the established linkages that enhanced and/or facilitated –

- a) Curriculum development/enrichment
- b) Internship/ On-the-job training
- c) Summer Placements
- d) Faculty Exchange and Professional Development
- e) Research
- f) Consultancy
- g) Extension
- h) Publication
- i) Student Placement
- j) Twinning Programmes
- k) Introduction of new courses
- l) Student Exchange
- m) Any Other

As stated in 3.7.1, we have established some linkage with other Institutions, Universities but the formal MOU has not been signed. Similarly as stated in section 1.2.1 Few companies visit our campus for training and placement.



3.7.6 Detail on the systemic efforts of the institution in planning, establishing and implementing the initiatives of the linkages/ collaborations.

Many of our faculty members and the some departments have taken the initiatives of establishing the linkages and collaborations with other institutions and scholars but the systematic efforts yet to be done. The RAC has taken initiative to motivate and inspire the others and especially to the young teachers to take an active role in this regard. The collaborations are in fact limited to a few departments till now. However, exchanges of ideas and to get new directions of research are cultivated through seminars, workshops and conferences. The research collaboration from the various national and international institutions help to shape their works and to complete their works in a stipulated time. The collaborations are duly acknowledged in the publications. In future, the College has a plan to exchange the students and faculties to the respective collaborative institutes.

CRITERION – IV

INFRASTRUCTURE AND LEARNING RESOURCES



4.1 Physical Facilities

4.1.1 What is the policy of the Institution for creation and enhancement of infrastructure that facilitate effective teaching and learning?

The college follows a definite system for creation and enhancement of infrastructure that facilitates effective teaching. The college wants to provide sufficient infrastructural support to class room teaching, extra-curricular activities and administrative works. Provision for adequate class rooms with ICT based teaching is one of the main thrust of infrastructural development. Sufficient space for laboratories and table top experiments to support classroom teaching are the important aspects of our policy formulation in this respect. Extending the light of knowledge to the students of marginalized class is one of the main visions of our policy formulation. Being a college in rural area this is our constant endeavour to offer the students easy access to the classrooms. In this respect the college has provided hostel facilities to the students, arranged concessions for students traveling in railway and buses and has made provision for concession of tuition fees.

Whenever a major infrastructural change or addition is required, the college administration makes the planning in consultation with the Teachers' council and Governing Body of the college. At the departmental level, the requirements are first finalized in the departmental meetings and those are forwarded by the respective Heads of the departments to the Principal of the college. Then the college administration examines the feasibility of the proposals and takes decisions in the finance committee and other related sub-committees. Specific grants received from outside sources (e.g., UGC, DST-FIST, Higher Education Dept of WB) have been utilized for the specific purposes. The funds have been used for the improvement of the infrastructural and instrumental facilities of the college. The planning for the expenditure of the available funds/grants was carried out in accordance with the policy of the college.

4.1.2 Detail the facilities available for

(a) Curricular and co-curricular activities—classrooms, technology enabled learning spaces, seminar halls, tutorial spaces, laboratories, botanical garden, Animal house, specialized facilities and equipment for teaching, learning and research etc.

The infrastructural facilities available for curricular, co-curricular and extra-curricular activities in the college are listed below:

1) Facilities for Curricular and co-curricular activities:

- a) ICT enabled classrooms in some departments, equipped with multimedia projectors for state-of-the-art presentation systems.



- b) One Classroom with smart board and facilities for distance-mode e-classes in the Department of B.Ed. Another classroom in the Department of Mathematics is going to have the same facility in addition to the LCD projectors.
- c) Photocopy (Xerox) and scanning facility available for preparation and dissemination of study materials and questions papers within the campus.
- d) Since the college is partially dedicated to the study of Sciences and technology besides arts and commerce streams, laboratories for practical classes form a vital necessity for the students. The college possesses one of the best science laboratories in the State with all the features of a modern, well equipped laboratory. A rich resource of chemicals, samples and instruments along with a tidy, high class lab ambience comprising of granite-top working spaces, proper exhaust system, fume chambers, continuous water supply etc. are the prominent features of our laboratories.
- e) Some of the teachers work on major or minor research projects. The college provides a superb lab-infrastructure for carrying on research. At present there are three major research labs in the college entitled to work on: Animal cell Culture, Organic Chemistry and Inorganic Chemistry.
- f) The college has a rare collection of many sophisticated instruments like UV-VIS-NIR and IR Spectrophotometers, Freeze Dryer, Gelldoc, PCR, Growth Chamber, Inverted Microscopes, -80C freezer, -20Freezer, CO2 incubator, Fluorescence microscope, High speed cold centrifuge, Electrochemical Workstation, Digital Conductimeter bridge, Digital Ultrasonic bath, Thin film coating unit, Motorized treadmill, Spirowin, etc. for research works and for doing Ph.D., and conducting PG and UG courses. There are two separate 'Instrument rooms' for housing some of these sensitive and valuable instruments.
- g) Three computer labs for the students with internet facility.
- h) Broadband connectivity with Wi-Fi system ensures uninterrupted internet facility inside the campus.
- i) Completely computerized catalogue in the library.
- j) Projection system to notify the recent arrivals in the library.
- k) An Institutional museum for folk culture and history.
- l) A zoological museum in the Zoology Department
- m) There are 79 class rooms and 53 laboratories in the college
- n) There is a medicinal plant garden maintained by Department of Botany and NSS unit with more than 40 medicinal plants.



b) Extra-curricular activities–sports, outdoor and indoor games, gymnasium, auditorium, NSS, NCC, cultural activities, Public speaking, communication skills development, yoga, health and hygiene etc.

Facilities for Extra-curricular activities:

A] Cultural Activities:

Some of the important cultural activities in the college are:

- Freshers' Welcome ceremony
- Annual Prize Distribution
- Saraswati Puja
- Observances for days of National significance – Independence Day, Republic Day, Netaji Subhash Chandra Bose' birthday on 23rd January, Birthday of Iswar Chandra Vidyasagar.
- Ceremonious Procession to commemorate the Birth Anniversary of our college
- Cultural competitions for the students like Music, Elocution, Recitation and Debate competitions.

B] Extracurricular activities-Sports activities:

- a) Two gymnasiums- one is functioning in the college since 2003 and another one is going to be completed soon.
- b) The entire campus has 2 playgrounds for the students to access.
- c) Sports equipment for cricket, football and table tennis, volleyball, basketball etc. are also available for the students.
- d) Annual Sports organized in the college comprises of athletic events and a friendly cricket match between the staff and the students.
- e) Yoga camp and availability of Yoga teacher for consultations.

The following tables depict year wise distribution of the number of students participated in University level, District level, National and International level competition and no of awards obtained.

**Table 4.1 Student participation**

2011-2012
DISTRICT LEVEL

SL. NOS	NAME	GEN- DER	CLASS	POSITION	EVENT	NOS. OF AWARD
1	MINAKSHI PAL	F	B.A. 1st	1st	100mt. 200mt. & 400 mt. Run	03
2	ANUSHREE MONDAL	F	B.A. 1st	1st	Shot Put , Discuss Throw &Javeline Throw	03
3	SUJALATA MURMU	F	B.A. 1st	2nd	Long Jump	01
4	RANU MANNA	F	B.A. 3rd	2nd	200mt. & 400mt.	02
5	MINAKSHI PAL	F	B.A. 1st	2nd	800mt. Run	01
6	RIKTA BHAKTA	F	B.A. 1st	2nd	100 mt. Run	01
7	BIMAL HAZRA	M	B.A.3rd	2nd	Long Jump	01
8	SANAUL BARI KHAN	M	B.Sc. 1st	2nd	Shot Put & Discuss Throw	02
9	TOTAN SAMANTA	M	B.A. 1st	2nd	200mt. Run	01

UNIVERSITY LEVEL

SL. NOS	NAME	GEND ER	CLASS	POSITION	EVENT	NOS.OF AWARD
1	MINAKSHI PAL	F	B.A. 1st	1st	100mt. 200mt. Run	02
2	ANUSHREE MONDAL	F	B.A. 1st	2nd	Shot Put , Discuss Throw &Javeline Throw	03
3	RANU MANNA	F	B.A. 3rd		400mt. & 800mt.	02
4	SUJALATA MURMU	F	B.A. 1st	2nd	Long Jump	01
5	SANAUL BARI KHAN	M	B.Sc. 1st	2nd & 1st	Shot Put & Discuss Throw	02
6	TOTAN SAMANTA	M	B.A. 1st	2nd	200mt. Run	01

**STATE LEVEL**

SL. NOS	NAME	GEN- DER	CLASS	POSITION	EVENT	NOS. OF AWARD
1	MINAKSHI PAL	F	B.A. 1st		100mt. 200mt. Run	
2	ANUSHREE MONDAL	F	B.A. 1st		Shot Put , Discuss Throw & Javeline Throw	
3	RANU MANNA	F	B.A. 3rd		400mt. & 800mt.	
4	SUJALATA MURMU	F	B.A. 1st		Long Jump	

5	SANAUL BARI KHAN	M	B.Sc. 1st		Shot Put & Discuss Throw	
6	TOTAN SAMANTA	M	B.A. 1st		200mt. Run	

NATIONAL LEVEL

1	MINAKSHI PAL	F	B.A. 1st		100mt. 200mt. Run	
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2012-2013**DISTRICT LEVEL**

SL. NOS	NAME	GEN- DER	CLASS	POSITION	EVENT	NOS. OF AWARD
1	ANUSHREE MONDAL	F	B.A. 2nd	1st	Shot Put , Discuss Throw & Javeline Throw	03
2	RIKTA BHAKTA	F	B.A. 2nd	2nd & 1st	100mt. 200mt. & 400mt. Run	03
12	SUVANKAR MANNA	M	B.A. 2nd	1st	Long Jump	01
15	SANJIB MONDAL	M	B.A. 2nd	1st	Discuss Throw & Javeline Throw	02



UNIVERSITY LEVEL

SL. NOS	NAME	GENDER	CLASS	POSITION	EVENT	NOS. OF AWARD
1	ANUSHREE MONDAL	F	B.A. 2nd	1st & 2nd	Shot Put , Discuss Throw & Javeline Throw	03
2	RIKTA BHAKTA	F	B.A. 2nd	1st	100mt. 200mt. & 400mt. Run	03
3	SANGITA PORIA	F	B.A. 2nd			
4	SANAUL BARI KHAN	M	B.Sc. 2nd	1st	Discuss Throw	01
5	SANJIB MONDAL	M	B.A. 1st	1st	Javeline Throw	01
6	SUVANKAR MANNA	M	B.A. 1st	3rd	Long Jump	01

STATE LEVEL

SL. NOS	NAME	GENDER	CLASS	POSITION	EVENT	NOS. OF AWARD
1	ANUSHREE MONDAL	F	B.A. 2nd		Shot Put , Discuss Throw & Javeline Throw	
2	RIKTA BHAKTA	F	B.A. 2nd		100mt. 200mt. & 400mt. Run	
3	SANGITA PORIA	F	B.A. 2nd			
4	SANAUL BARI KHAN	M	B.Sc. 2nd		Discuss Throw	
5	SANJIB MONDAL	M	B.A. 1st		Javeline Throw	
6	SUVANKAR MANNA	M	B.A. 1st		Long Jump	

NATIONAL LEVEL

1	ANUSHREE MONDAL	F	B.A. 2nd		Shot Put , Discuss Throw & Javeline Throw	
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2013-2014

DISTRICT LEVEL

SL. NOS	NAME	GEN-DER	CLASS	POSITION	EVENT	NOS. OF AWARD
1	ANUSHREE MONDAL	F	B.A. 3rd	1st & 2nd	Shot Put , Discuss Throw & Javeline Throw	03
12	BULTI RANA	F	B.A. 1st	1st	800mt. 1500mt, Run & Long jump	03
14	MOUMITA MANNA	F	B.A. 1st	2nd	800mt. 1500mt, Run	02
15	RAHUL MONDAL	M	B.P.Ed.	1st	100mt. 200mt, Run & Long jump	03
16	ANUPAM KHANRA	M	B.P.Ed.	3rd	High Jump	01
17	SAMBHU MONDAL	M	B.P.Ed.	2nd	800mt. Run	01

UNIVERSITY LEVEL

SL. NOS	NAME	GEN-DER	CLASS	POSITION	EVENT	NOS. OF AWARD
1	ANUSHREE MONDAL	F	B.A. 3rd	1st & 2nd	Shot Put , Discuss Throw	02
12	BULTI RANA	F	B.A. 1st	1st	800mt. 1500mt, Run	02
14	MOUMITA MANNA	F	B.A. 1st	3rd	800mt. 1500mt, Run	02
15	RAHUL MONDAL	M	B.P.Ed.	2nd	100mt. 200mt, Run	02
16	ANUPAM KHANRA	M	B.P.Ed.	2nd	400mt. Run	01
17	SUBHANKAR MNNA	M	B.A.2nd	2nd	High Jump	01



STATE LEVEL

SL. NOS	NAME	GEN-DER	CLASS	POSITION	EVENT	NOS. OF AWARD
1	ANUSHREE MONDAL	F	B.A. 3rd		Shot Put , Discuss Throw	
12	BULTI RANA	F	B.A. 1st		800mt. 1500mt, Run	
14	MOUMITA MANNA	F	B.A. 1st		800mt. 1500mt, Run	
15	RAHUL MONDAL	M	B.P.Ed		100mt. 200mt, Run	
16	ANUPAM KHANRA	M	B.P.Ed		400mt. Run	
17	SUBHANKAR MNNA	M	B.A.2nd		High Jump	

NATIONAL LEVEL

1	ANUSHREE MONDAL	F	B.A. 2nd		Shot Put	
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2014-2015

DISTRICT LEVEL

SL. NOS	NAME	GEN-DER	CLASS	POSITION	EVENT	NOS. OF AWARD
12	BULTI RANA	F	B.A. 2nd	2nd	800mt. 1500mt, Run	02
14	MOUMITA MANNA	F	B.A. 2nd	3rd	400mt. 800mt.& 1500mt, Run	03
3	SHABONI PATRA	F	B.A. 1st	3rd	200mt. 400mt.& High Jump,	03
	PRIYASREE SAMANTA	F	B.A. 1st	2nd	High Jump, & Discuss Throw	02
	JAMINI SING	F	B.P.Ed.	1st	Shot Put & Javeline Throw	02
	ANISHA KHATUN	F	B.A. 1st	3rd	100mt. Run	01
	TOTN SAMANTA	M	B.A. 3rd	1st	200mt. 400mt.	02
4	SANJOY TUDU	M	B.A. 1st	1st	100mt. Run	01
5	MD. NURUDDIN	M	B.P.Ed.	1st	Shot Put & Discuss Throw	02
6	MONOJIT BHUNIA	M	B.P.Ed.	1st	Long Jump	01
7	SANJIB MONDAL	M	B.A.3rd	1st	Javeline Throw	01



UNIVERSITY LEVEL

SL. NOS	NAME	GEN-DER	CLASS	POSITION	EVENT	NOS. OF AWARD
12	BULTI RANA	F	B.A. 2nd	2nd, 3rd	800mt. 1500mt, Run	02
14	MOUMITA MANNA	F	B.A. 2nd	3rd	1500mt, Run	01
5	MD. NURUDDIN	M	B.P.Ed.	3rd	Shot Put	01
7	SANJIB MONDAL	M	B.A.3rd	3rd	Javeline Throw	01

INTERNATIONAL LEVEL

SL. NOS	NAME	GEN-DER	CLASS	POSITION	EVENT	NOS. OF AWARD
1	ABDUL SAMAD	M	B.P.Ed.		THROWBALL	

C] Health and Hygiene facilities:

Students Health Home: The College is attached with the West Bengal Students Health Home and because of that the students avail medical treatment at cheap rate for any type of illness.

- a) The institution has a Medical unit with one full time doctor and a bed and oxygen is also available for primary care of its own. Hence any sort of medical emergency can be immediately handled. In addition, all the students receive some kind of medical insurance coverage from Students' Health Home for critical cases. The college also has a stretcher to carry the students from the field. The college also has some facilities of Physiotherapy for the treatment of sports injuries.
- b) In case of emergency, the students are referred to the nearest hospital or to the Health home for immediate medical treatment.
- c) Some of the services rendered by the college in health sector are as follows:
- d) Safe drinking water facility using 'Aqua-guard' with water cooler and iron-filters is arranged for the students. In addition, the water tanks are cleaned once in three months. The quality of water is checked by the Department of Microbiology and Biotechnology.
- e) The college offers very clean and healthy environment.
- f) For fire safety Extinguishers are installed in each and every building.



NSS Activities:

The NSS Unit conducts an Annual Blood Donation Camp in the college in collaboration with the *Association of Voluntary Blood Donors*, West Bengal where the teachers, non-teaching staff and students actively participate.

The NSS units organized the following programs by which the college delivered its social responsibility towards the community at large.

Table 4.2 NSS Activities

SESSION	Sl. No.	Event	Date	Associated Persons
2013 - 2014	1	Children's day celebration-	14-11-2013	Honourable Principal Prof.(Dr.) Nandan Bhattacharyya.
	2	Observe environment awareness month-	19-12-2013 to 18-12-2013	Principal Prof. Nandan Bhattacharyya & other honourable dignitaries.
	3	AIDS Awareness Camp	04-12-2013	Speaker: Dr. Nandan Bhattacharyya, Dr. Kanai Lal Dolai, BMOH, Pitpore PHS, Dr.Tapan Dutta, P B College
	4	Blood Donation Camp on College Foundation Day	14-12-2013	In association with Midanapore Medical College
	5	Cultural competition programme-	21-12-2013	Programme officer of NSS Unit-I, Dr.Mrinmay Ghorai.
	6	Winter Special NNS Camp (Organized seminar on Health Awareness and General Science)	22-01-2014 to 28-01-2014	Dr.Aritra Samanta, Sanjiban Hospital, Uluberia
	7	Winter Special Camp:- (7 days)	22-01-2014 to 28-01-2014	Honorable Principal Prof.(Dr.) Nandan Bhattacharyya , Mr. Nabakumar Barman, Health officer of Panskura Block& other renowned dignitaries.
	8	Republic day celebration-	26-01-2014	Programme officer & Unit-I volunteers.
	9	Plantation Program in college campus	05-06-2014	All unit of NSS
	10	Plantation & Gardening-	Whole this Year.	Programme officer & Unit-I volunteers.
	11	Campus cleaning programme-	Select One day in a week.	
2014- 2015	1	University Level Certificate Course on "Blood Donors' Motivation and Recruitment"	09-09-2014 to 12-09-2014	In association with "Association of Voluntary Blood Donors" of Kolkata.
	2	Blood Donation Camp	22-09-2014	All units of NSS
	3	Seminar on "Anti-ragging and Women empowerment"	27-09-2014	All units of NSS in association with district legal services.
	4	Children's Day Celebration	14-11-2014	All units of NSS and Teachers



	5	World's AIDs day celebration Thalassaemia carrier Testing	01-12-2014	Students of college in collaboration with Midnapur Medical College and Hospital.
	6	Blood Donation Camp.	03-12-2014	Inaugurated by Dr. Badshah Ghosh (Dept. of Physical Education). Total 68 blood donors give their blood.
	7	Red Ribbon Project.- (1st December)	03-12-2014	Dr. Mritunjoy Das, Dr. Arunansu Sinha & other senior faculty members.
	8	2nd Winter Special Camp and Seminar on i) "Astronomy versus Astrology" by Dr. Soumendra De (Jadavpur University), ii) "Our Universe" by Dr. Avijit Kar Gupta (PBC, Physics Dept.) and iii) "Awareness against Superstitions" by Panskura Science Centre.	18-12-2014 to 24-12-2014	All units of NSS
	9	Free dental check up Programme-	24-12-2014	Dr. Aritra Kumar Samanta, BDS.
	10	All India Mega NSS Camp	20-01-2015 to 30-01-2015	Shankar Sinha (Selected as Team Leader of West Bengal Contingent, PBC, Botany) Sagarika Banerjee (PBC, Biotech) and Chinmoy Das (PBC, Music)
2015 - 2016	1	Employability Training Program by Tata Consultancy Services (TCS), Salt lake	10-08-2015	Out of 62 trainees 3 students were selected and got offer letter.
	2	Thalassaemia carrier Test in collaboration with School of Tropical Medicine	12-08-2015	college students (121)
	4	Thalassaemia carrier Test in collaboration of School of Tropical Medicine	09-12-2015	All college students (159)
	5	Participation in One day Orientation Program held on Vidyasagar University	09-12-2015	Four NSS volunteer participated

NCC: We do not have yet but we have applied for it and waiting for its approval.

a) Bratachary:

Bratachary was initiated by Sri Guru Saday Dutta in the year 1930 to organize the youth in the freedom fighting movement. With some folk songs and dances, the primary goal was to enhance the physical fitness of the participants along with the inculcation of comradeship, companionship, social leadership and many other qualities in them. Under the aegis of Physical Education department and with the collaboration



of State Association of Bratachary, the college in each year have been organizing 10 days Bratachary Camps twice annually - one for the B.P.Ed. students and the other for the students of physical education and other departments. In each year around 400 students get trained. The students also receive participation certificates from Bratachary association. The future applicants for teaching jobs can score extra marks out of this kind of certificate. This certificate gives extra score to the applicants seeking jobs in school.

b) Karate:

This year we have plan to start six month training course of Karate at our college. This course will help to develop not only physical strength but also skills of self defense. The girls who will be joining the course will be highly benefitted.

c) Yoga:

Yoga has been derived from a Sanskrit word “YUG” which means union between the Almighty and the soul. As per Hindu mythology, Yoga has eight branches and Pranayama is one of the branches. “Pranayama” means to control the “Prana” or “Life”. Practicing yoga through various *Asanas* and *Kriyas* a man can not only keep himself fit and healthy but also live a long disease free life. Looking to the benefits, the college arranged a 7 days Yoga Camp under the supervision of Department of Physical Education and with the Art of Living society. The Physical Education department also provides special meditation classes to the students as well as to the staff members for stress free life.

d) Public speakers:

Students have their own elected union. Every year many students both male and female contest for nearly 40 seats of representatives. During election, they used to deliver speeches extensively in front of the common students. Thus the students get an opportunity of developing power of public speaking.

e) Communication skill development:

As stated in 1.2.1 TCS organized courses for employability skill development program. Three students got offer letter.

f) Youth Parliament, Extempore:

With the monitory help of Parliamentary Affairs Department, Government of West Bengal, Panskura Banamali College has earned recognition for its participation in the **youth parliament programme, youth parliament quiz contest and extempore contest** organized by Purba Medinipur district administration. The college authority is



deeply interested in this Endeavour and keeps eyes on the improvement of such engagement. The faculty members of Political Science give training to their students and involves them in these programmes every year and achieve respectable recognitions. In 2014-2015 session youth parliament team secured **first position in district level contest** and **third position in divisional level contest**. Further eight more students' secured individual awards in district level and two students secured individual awards in divisional level contest. We wish our college will gain more achievements in various levels of contest in future and we are working on this.

Table 4.3 Student participation in Youth Parliament programme

Session	Youth Parliament programme	Team Position	Individual Position	Youth Parliament Quiz Contest	Position	Extempore
2011-12	Participated	-	-	Participate	-	Participated
2012-13	Participated	-	1 student (District level)	Participate	-	Participated
2013-14	Participated	-	1 student (District level)	Participate	3 rd two students	Participated
2014-15	Participated	1 st (District level) 3 rd (Divisional level)	6 students (District level), 2 students (Divisional level)	Participate	3 rd two students	Participated

4.1.3 How does the institution plan and ensure that the available infrastructure is in line with its academic growth and is optimally utilized? Give specific examples of the facilities developed / augmented and the amount spent during the last four years (Enclose the Master Plan of the Institution/campus and indicate the existing physical infrastructure and the future planned expansions if any).

The college always emphasizes on proper utilization of funds available. Hence infrastructural facilities which are highly essential for the modern-day teaching-learning process are availed. The utility of the infrastructural facilities and their proper usage is ensured and planned keeping in mind the following facets:

- a) The availability of updated teaching aids, sophisticated instruments in the laboratories have made the studies at the UG and PG levels much more effective. This has been reflected in the performances of the students in the



University examinations and various other National and State level examinations. The results and success rates clearly indicate that the infrastructural facilities have definitely a great bearing for such achievements.

- b) The use of the sophisticated instruments in research works has resulted in publications in journals of international repute.
- c) The infrastructural facilities are under constant supervision of the faculty members and college authorities so as to avoid any misuse and to provide necessary repair and maintenance as and when necessary. Thus a vigilant administration looks after the upkeep and optimal usage of the college infrastructure.
- d) Electrical modification throughout the campus
- e) Renovation of toilets
- f) Construction of New toilet block at the Golden Jubilee Building
- g) Up gradation of Boys' and Girls' common room
- h) Renovation work in the Department of Biotechnology, Microbiology, Physics, Chemistry
- i) Construction of Language laboratory
- j) Preparation of laboratories for research works.
- k) Furniture and computer tables, UPS for almost all the Departments

Table 4.4 Expenses incurred in last four years

PURPOSES	YEARS			
	2011-2012	2012-2013	2013-2014	2014-2015
Building (Rs.)	2877780.00	9621953.00	10399503.00	4837000.00
Furniture (Rs.)	779950.00	463600.00	768900.00	1124910.00
Equipment (Rs.)	2076422.00	1552129.00	3194849.00	2472802.00
Computers (Rs.)	605650.00	398810.00	3140507.00	2800185.00
Land (Rs.)	0.00	5058817.00	0.00	0.00
Generator (Rs.)	774670.00	0.00	0.00	620000.00
Aqua Guard (Rs.)	34915.00	8365.00	169800.00	0.00
Electrical Installation (Rs.)	149900.00	57330.00	900000.00	1448440.00
Audio Visual (Rs.)	0.00	85900.00	0.00	0.00
Fire Extinguisher (Rs.)	0.00	0.00	57200.00	0.00
TOTAL (Rs.)	7299287.00	17246904.00	18630759.00	13303337.00

In view of the various academic programmes/courses running simultaneously, the infrastructure (classrooms and laboratories) is utilized throughout the day from 7.30



am to 6:30 pm. In addition, we have NSOU, and DDE which uses the same infrastructure, laboratories during the holidays, Sundays, and late hours. Some Departments like Physics, Geography, Economics, Physical Education., Microbiology, Chemistry, and Biotechnology have a practice of allowing UG/PG/Ph.D. students and teachers to work late hours in the evening as well as holidays/ during vacations.

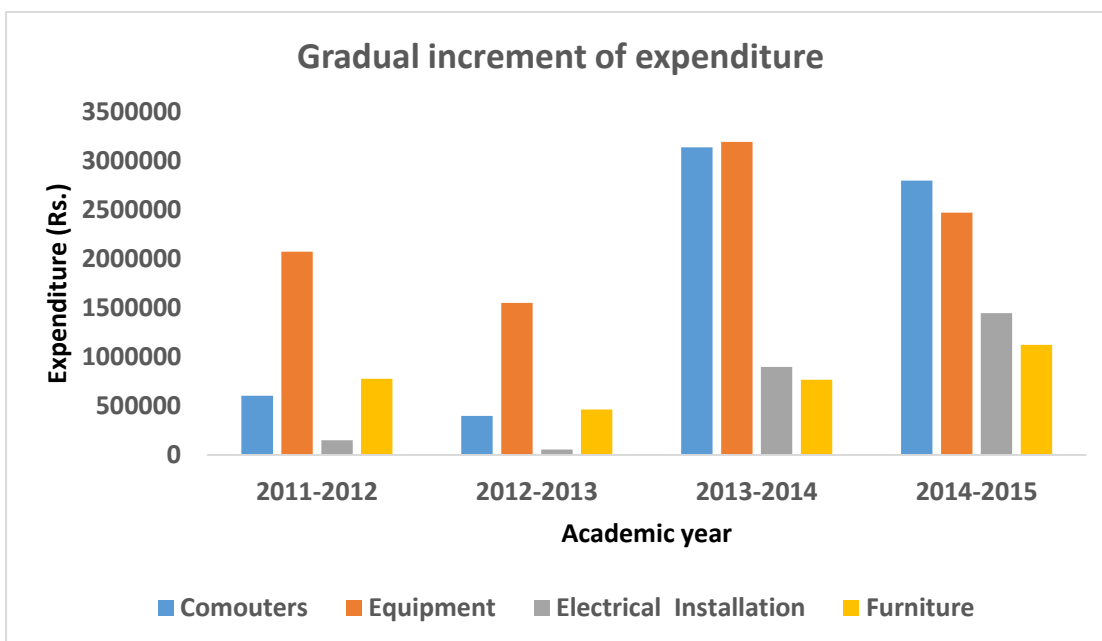


Table 4.5 Existing physical infrastructure:

Building : Acharya Prafulla Chandra Bhaban

Name of the Building	No. of Rooms		Measurement	
	65		sq.mt	
Departmental Laboratory	PG	UG	PG	UG
Physics	2	5	126 sq.mt	363 sq.mt
Chemistry		5		139.35 sq.mt
Mathematics		1		48.31 sq.mt
Zoology		3		105.91 sq.mt
Physiology	na	2	na	(40+40) = 80 sq.mt
Comp. Sc	1	2	20.9 sq.mts	55.74 sq.mts
BCA		2		62.7 sq.mts
Commerce		1		40.87 sq.mt
Departmental Library	PG	UG	PG	UG
Mathematics		1		29.73 sq.mt

Departmental Classrooms	PG	UG	PG	UG
Physics	1		42 sq.mt	



Chemistry				
Mathematics	1	1	44.59 sq.mts	78.04 sq.mts
Zoology (classroom with museum)		1		29.73 sq.mts
Physiology				
Comp. Sc	1	2	41.8 sq.mts	83.61 sq.mts
BCA		3		125.41 sq.mts
Commerce		4		335.56 sq.mts

Departmental Staff rooms	PG	UG	PG	UG
Physics		1		16 sq.mt
Chemistry		1		2.97 sq.mts
Mathematics		1		13.01 sq.mts
Zoology		1		19.51 sq.mts
Physiology		2		(10+10) = 20 sq.mts
Comp. Sc		1		13.93 sq.mts
Store room, Computer Sc.		1		13.93 sq.mts
Commerce		1		13.63 sq.mts
Santali		1		

	No. of Rooms	Measurement in sq.mt
General Classrooms	2	18.58 sq.mts.
Central Staff rooms	1	91.69 sq.mts
Central Library with Reading Room	2	383 sq.mts
B.Ed Department	12	333.45 sq.mts
NSS Office	1	18.58 sq.mts

Building : Rabindra Nath Tagore Bhavan

Name of the Building	No. of Rooms		Measurement	
Rabindra Nath Tagore Bhavan	26		sq.mt	
Departmental Laboratory	PG	UG	PG	UG
Botany		4		162.58 sq.mt
Chemistry	1		32.51 sq.mts	
Chemistry Research laboratory	1		32.51 sq.mts	

Departmental Classrooms	PG	UG	PG	UG
Physics		2		132 sq.mt
Chemistry	2	4	11.15 sq.mts	58.52 sq.mts
Botany		1		32.51 sq.mt



Departmental Staff rooms	PG	UG	PG	UG
Botany		1		32.51 sq.mt
Sanskrit		1		9.75 sq.mt

	No. of Rooms	Measurement in sq.mt
General Classrooms	9	808.24 sq.mts.
Canteen Building	1	111.48 sq.mt
Boys' common room	1	92.9 sq.mt

Building : Vidyasagar Bhavan

Name of the Building	No. of Rooms		Measurement	
Vidyasagar Bhavan	44		sq.mt	
Departmental Laboratory	PG	UG	PG	UG
Geography	3	2	69.67 sq.mt	50.16 sq.mt
Bengali Seminar Library	1		46.45 sq.mt	
Bengali Folk Museum		1		104.51 sq.mt
Music		2		92.9 sq.mt
Departmental Classrooms	PG	UG	PG	UG
Geography	2	2	126.34 sq.mt	146.78 sq.mt
Bengali		1		69.67 sq.mt
Music		1		46.45 sq.mt
History	1		55.74 sq.mt	

Departmental Staff rooms	PG	UG	PG	UG
Geography	1	1	15.80sq.mt	16.72sq.mt
Bengali		1		
Music		1		46.45 sq.mt
History	1		37.16 sq.mt	
Economics		1		35.11 sq.mt
Pol. Science		1		18.58 sq.mt
Philosophy		1		37.16 sq.mt
English		1		46.45 sq.mt



	No. of Rooms	Measurement in sq.mt
General Classrooms	12	828 sq.mts.
Seminar Room	1	97.54 sq.mt

Building : Jagadish Chandra Bhavan

Name of the Building	No. of Rooms		Measurement	
Achrya Jagadish Chandra Bose Bhaban	18		sq.mt	
Departmental Laboratory	PG	UG	PG	UG
Micro-Biology		2		111.48 sq.mt
Bio-Technology		2		111.48 sq.mt
Departmental Classrooms	PG	UG	PG	UG
Micro-Biology		3		167.23 sq.mt
Bio-Technology		2		55.74 sq.mt

Departmental Staff rooms	PG	UG		
Micro-Biology		1		55.74 sq.mt
Bio-Technology		1		55.74 sq.mt

	No. of Rooms	Measurement in sq.mt
General Classrooms	4	111.48 sq.mt.
Netaji Open University	2	55.74 sq.mt
Vidyasagar University PG Course, Distance Mode	1	27.87 sq.mt

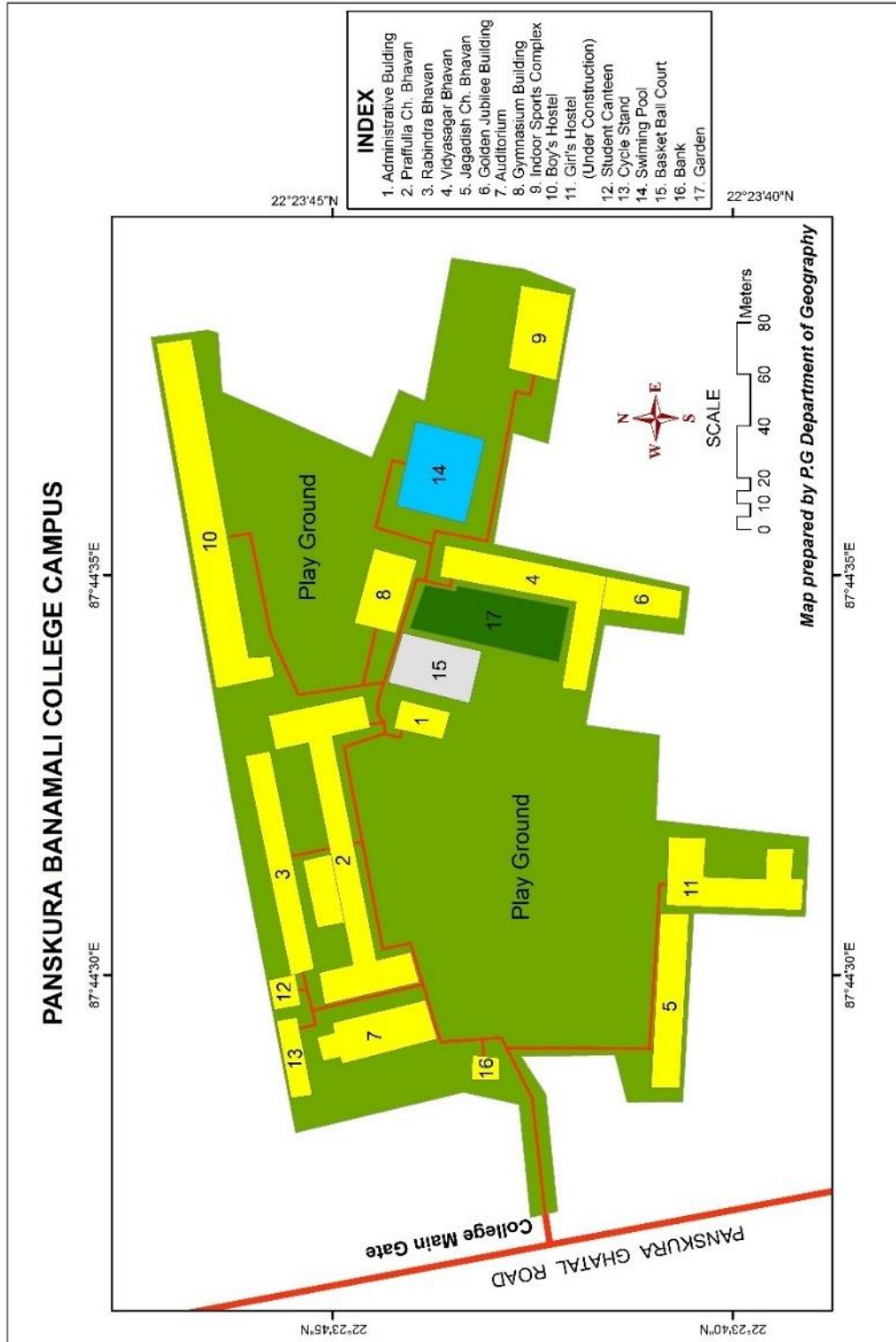


Other Buildings

Name of the Building	No. of Rooms	Measurement in sq.mt
Bangiya Gramin Vikash Bank Building	1	55.74 sq.mt
College Auditorium	1	882.58 sq.mt
i) Student union, Day	1	13.94 sq.mt
ii) Student union, Evening	1	13.94 sq.mt
iii) Student Health Home	2	27.87 sq.mt
Security Rest Room	1	6.51 sq.mt
Employees' Union Office	1	22.29 sq.mt
Cycle Stand	1	371.61 sq.mt
Play Ground		
1. Football Play Ground	1	7000 sq.mt
2. B.P.Ed. Play Ground	1	260 sq.mt
3. Basket ball court	1	522 sq.mt
4. Cricket Net Practice Field	2	300 sq.mt
Swimming Pool(under Construction)	1	48.77 sq.mt
Gymnasium with B.P.Ed. Office	2	139.35 sq.mt
Administrative Building	3 floor	1114.83 sq.mt
Generator Shed	1	48.77 sq.mt
submersible Pump House (7.5 HP)	1	5.95 sq.mt
Drinking Water Storage Tank	1	7.44 sq.mt
Hostel Building		
1. Boys' Hostel (UG)	2 floor	557.42 sq.mt
2. B.P.Ed. Boys' Hostel	1	217.39 sq.mt
3. Hostel For Teaching Staff	1	209.03 sq.mt
4. Guest Room	2	72.46 sq.mt
Principal Quarter	1	69.67 sq.mt
Girls' Hostel	1	743.22 sq.mt
Indoor Sports building (under construction)	1	743.22 sq.mt
New building (under construction)	1	418.06 sq.mt

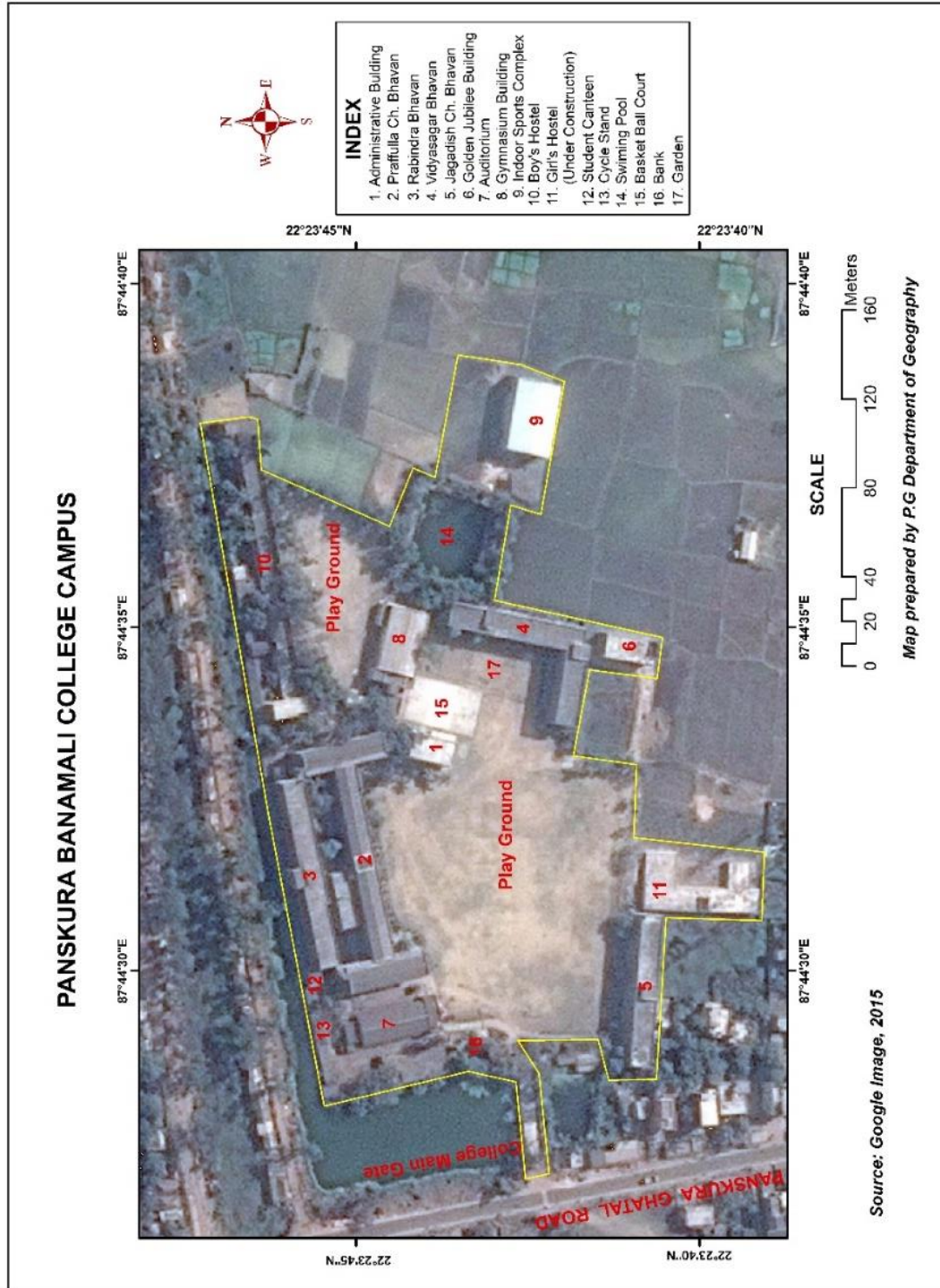


Master plan of the Institute:





Google image of Panskura Banamali College





Future plan of expansion:

- 1) New 2 storied building for classroom & the boundary wall for Ladies Hostel to be constructed with the fund donated by the Haldia Development Authority, Haldia, Purba Medinipur, who has approved Rs 1 crore for this purpose.
- 2) Land purchase for future expansion.
- 3) One building (RN Tagore) would be made green building by putting solar panel.

4.1.4 How does the institution ensure that the infrastructure facilities meet the requirements of students with physical disabilities?

The institute made a cordial effort to ensure the infrastructure facilities are in line with the guidelines within the fiscal limitations. Ramp has been made so that the disabled students can enter into the first floor classroom. The effort has been made to make sure the class rooms of these the disabled candidates with wheel chair are available in the ground floor. There is no visually impaired candidate in the college yet. The college provides separate sitting facilities for the differently able examinees those who have their annual exam or competitive centers in our college.

4.1.5 Give details on the residential facility and various provisions available within them:

- **Hostel Facility–Accommodation available**

The College has an extensive hostel facility for the students and staff. The boys' hostel has a two storied building with an ability to accommodate 96 male students from different disciplines and UG standards. The PG hostel has a capacity to accommodate 24 students from different post-graduate departments including B.P.Ed. The staff hostel can accommodate 16 teaching and non-teaching employees. The girls' hostel is under construction. Once completed it will accommodate 46 number of boarders. A separate room will also be available for the hostel matron. The same hostel will also have the facilities of common room and a dining hall. Presently a separate adjustment has been made to accommodate the B.P.Ed girls inside the college campus.

**Table 4.5 Hostel Accommodation**

	BOYS' HOSTEL (G)	BOYS' HOSTEL (B.P.Ed.)	GIRLS' HOSTEL (G)	GIRLS' HOSTEL B.P.Ed.
TOTAL AREA	557.42 sq.mt.	217.39 sq.mt.	743.22 sq.mt.	111.48 sq.mt.
NO. OF ROOMS	25	12		02
TOTAL CAPACITY	96	34		16
BATHROOMS	06	06	UNDER CONSTRUCTION	01
TOILET	08	10		01
COMMON ROOM	01	01		01
TV	01	01		01

- **Recreational facilities, gymnasium, yoga center etc.**

There is a badminton hall, throw ball court, tread mill, spin cycle and also a reading room and library with books, newspapers and magazines at the gymnasium. These facilities are available to everyone. Television sets are installed in the hostels. There are Play ground for football, and a basket ball court, Cricket Net Practice Field, Gymnasium Building and a Swimming Pool (Under construction). The college has a qualified Yoga instructor who holds session of the yoga, Pranayam and meditation. The Physical Education department has yoga mats as well as Gym balls for exercise.

- **Computer facility including access to internet in hostel**

One computer with internet facility has been provided in the boys' hostel. The entire college has Wi-Fi connectivity.

- **Facilities for medical emergencies**

During college hours the college medical officer takes care of all medical exigencies of the hostel boarders and the students in general. Beyond college hours, in case of any exigencies, the college medical officer is either called or the ailing student is sent to the nearest health centre. The hostel staffs also provide the first aid in case of minor injuries

- **Library facility in the hostels**

The students are given Amirah to put the newspapers, books. Right now there is no separate library facility in the hostels. However, we intend to make a provision for setting up mini libraries in the boys' hostel and elsewhere once the hostel building is properly renovated.



- **Internet and Wi-Fi facility**

Internet facility through Wi-Fi is available in the college campus. The hostel boarders can access to unlimited broadband internet within their hostels.

- **Recreational facility – common room with audio-visual equipment.**

At present, the common rooms have no such facilities. However, boys and girls have access to extensive indoor and outdoor games facilities. Apart from the college play grounds, the adjacent lawn to the Boys' hostel is exclusively used by the hostel boarders for various outdoor activities. The college pond, which is about to be converted into swimming pool, is used for swimming. The hostel boarders are also allowed to use the multi gym of our college according to their convenience. Yearly yoga camps are also organized for the hostel dwellers with the assistance from the Department of Physical Education of this college. Annual cultural programmes and recreational tours are organized by the hostel sub-committees. Annual grand feast, Saraswati puja and freshers' welcome ceremonies are arranged by the borders with the financial assistance from college authority.

- Available residential facility for the staff and occupancy
- Constant supply of safe drinking water is available throughout the college campus. Aqua Guard for safe drinking water has been installed in all the hostels.

The boarders can stay at the hostel throughout the period of their study in the college subject to fulfillment of all the conditions and clearance of all dues in proper manner. A nominal seat rent is collected by the college authority for providing infrastructural facilities while meal charge is determined and that is collected by the hostel committee. Hostel committee is headed by hostel superintendent who is usually a senior faculty member and the committee comprises of the representatives from the boarders and staff members. The remuneration of the hostel staff is paid by the government while other facilities like lodging for them are provided by the college. The college authority provides free accommodation to all the hostel staff and to the security guard for the hostels.

- **Constant supply of safe drinking water:**

There is a provision for 24 hour water supply. Water is supplied through our own submersible pumps. In addition to this, the Panskura Municipality has constructed a pump house within the campus for the constant supply of water to the nearby locality as well as to the college. The hostel boarders get sufficient safe water throughout the day. Filtered sub soil water is stored at overhead reservoir and distributed through corrosion free pipe lines. Overhead water tanks are cleaned and sanitized regularly.



Apart from all these, water filters with UV have been installed to supply uninterrupted purified drinking water.

- **House keeping:**

There are **05** people for maintaining the hostels- *i.e.* to upkeep the premise and to maintain cleanliness. Also there are 2 people employed for campus upkeep and wash room cleaning and 01 people for maintaining the adjacent garden.

- **Security**

A number of 10 security personnel have been deployed for the safety and security inside the college campus and in the hostel. In addition, the police forces from the local police station usually patrol the area round the clock to maintain the law and order of the premises. Round the clock strict security is given to all the hostel buildings. The entry of the non-boarders is restricted inside the hostels. Guests of the boarders can enter with prior permission from the hostel superintendent. Hostel gates are closed at 8 p.m. and opens at 6 a.m.

4.1.6 What are the provisions made available to students and staff in terms of health care on the campus and off the campus?

There are two types of health care facilities. First category includes health awareness programs, which are conducted regularly for the students. The college has a medical unit with a full time Doctor with a bed and oxygen supply for primary care of the students. The college also has first aid kit stored at different place along with that to treat the minor sports injuries the college has some physiotherapy modalities. The college has a qualified doctor attached with its medical facilities. The doctor attends the college health centre every day and the medical facilities are available during the college hours. In addition, all the students can avail the facility of **Student Health Home** for which the college pays an insurance fee every year. This in-campus health care facility provides primary diagnosis and extensive first aids and care for the minor ailments. In case of major problems or emergencies, the college arranges to send the indisposed to the nearest govt. health care facilities. Apart from this the permanent full time employees of the college receive medical allowances with their monthly salary. They are also allowed to enroll themselves under health insurance cover through Government of West Bengal sponsored West Bengal Health Scheme instead of getting monthly medical allowances. The full time permanent employees are eligible to get full pay and half pay leaves in case of medical exigencies.



4.1.7 Give details of the Common Facilities available on the campus—spaces for special units like IQAC, Grievance Redressal unit, Women’s Cell, Counseling and Career Guidance, Placement Unit, Health Centre, Canteen, recreational spaces for staff and students, safe drinking water facility, auditorium, etc

- **IQAC:**

This cell is stationed the 1st floor of Administrative. This cell ensures the quality of teaching learning within the college. The primary job of IQAC in our college is to held regular orientations of the students and teachers of the college. The IQAC organizes Orientation classes for the students at the beginning of the academic year to provide information regarding the vision and mission of the college and the facilities available in the Institution. Students are encouraged to use technology like PPT presentation, Study Projects and assignments using Internet, OHP, peer teaching with models *etc* during the academic session. IQAC provides information regarding the academic progress of the students after internal Exams and then remedial classes are arranged for weak students beyond the normal college hours. Every year, feedback in questionnaire form is taken from students, parents, and alumni to assess the quality and standard of the institution. Subsequently measures are taken for further improvement. The IQAC gathers information through the teachers of the respective Departments and receive their views and suggestions for the enhancement of quality education. They keep vigil on the class routine of all the departments and ensures activities according to the routine. Laboratories and common infrastructures are updated with their planning and supervision. They take care of curriculum design of extracurricular activities and extension activities. This cell facilitates the advancement of career of the teaching and non-teaching staff of the college. The IQAC monitors and evaluates the teaching learning process by conducting periodical meetings. The feedback is evaluated by Academic Committee along with IQAC members and necessary measures are taken to maintain the quality education. The IQAC meets regularly to discuss various plans to promote research climate and motivate the faculty to pursue M.Phil. and Ph.D. and to participate in refresher and orientation courses. In addition, IQAC regularly informs and encourages the faculty members to apply for research projects and grants to UGC/ DST/ DBT/CSIR/ICSSR etc. The IQAC of the college encourages the staff to apply for FDP (Faculty Development Programme), Major and Minor Research projects and to organize seminars, workshops and conferences etc. It also motivates the staff for research publications, articles, reviews and books.



- **Grievance Redressal Cell:**

This unit works under the Grievance Redressal Committee constituted by the Governing Body of the college. Though it does not have a permanent office, the members of the committee meet periodically to redress the complaints from different stake holders of the college community. Complaint boxes have been put at different prominent locations in the college. Complaints can also be forwarded to the members of the committee through email and mobile phones. College email id is also used to receive complaints. The traditional mode of receiving complaints through the college office is also encouraged. The unit tries for reconciliation and takes action according to college guidelines. The unit directly reports to the Governing Body about their success and failure.

- **Women's Cell:**

This cell helps to foster a better network among the female community of this college. Removing physical and social hurdles of the women to participate in the smooth campus life is one of the main aims of this cell. Providing full proof security to the girl students and female employees within the campus in the line of *Vishakha guidelines* is the primary goal. Promoting the issues related to the female community and intellectual discussion about the concerns of the females is one of the major field of their action.

- **Counseling and Career Guidance Cell:**

The Counseling and Career Guidance Cell mainly deals with the career aspects and the studies after the under graduate and post graduate studies of the current students of this college. Different career counselling companies are invited to the college to groom the students and to prepare for different competitive examinations. Various higher institutes offering career oriented courses are also invited to the college to discuss with the students. Teacher of this college actively help the prospective students to help to face different examinations. Digital resources are maintained to aid the candidates. Programmes on personality development and communication skills by competent resource persons were organized for final year graduate students. To facilitate the needs of the students, one day orientation programme is conducted for the freshers at the beginning of the academic year to know the importance of higher education. Counselling centre is available in the 1st floor of the Acharya prafulla Chandra Bhavan and the trained faculties give counselling to the students as per their need. Career Guidance and Placement Cell provides guidance to the students regarding higher studies and employment.



- **Health Centre:**

The college has a well maintained health centre with a bed facility. A qualified doctor is attached with it. This health practitioner attends the centre every day and stays with the facilities during the college hours. This in-campus health care facility provides extensive first aid facilities and diagnosis of minor ailments with medicines to the members of the college community. Physiotherapy facilities are available in the college.

- **Canteen:**

Providing facilities for hygienic, healthy and nutritious food to the students and staff is one of the greatest concerns of the college. In this respect a well organized canteen in PPP mode has been established within the campus. This canteen provides popular Bengali thali meals apart from other food items. Tea and coffee are also provided by the canteen.

- **Safe drinking water:**

The college community gets unlimited purified water from college sources. To ensure proper quality the water tanks are sanitized regularly. Apart from this the college has 12 ultra violet purifiers for better quality drinking water for the students and staff. Some departments also have UV cum RO water purifiers. To provide cold drinking water the college has 03 water cooler-cum purifiers. Annual maintenance contracts have been hatched with different companies for all along maintenance of these water purifiers.

- **Fire extinguisher:**

To ensure full proof security to the precious lives and college properties, fire extinguishers have been installed at different zones of the college. These extinguishers are refilled in regular intervals and maintained through annual maintenance contracts. The college is taking measures to have license from Fire Department of the Govt. of West Bengal.

- **Wi-Fi facilities:**

The college campus is fully covered through Wi-Fi internet connectivity. 12 dedicated antennas throughout the college brings uninterrupted 3G internet of 1 GHz to every corner of the college. Students and staff of the college can use such facilities through secured passwords. In addition, college has 10 Mbps leased line for uninterrupted internet service.

- **Recreational spaces for staff and students:**

Four common rooms for male students, female students, non-teaching staff and teachers help to offer recreational facilities to the concerned stake holders. All these common rooms have permanent attendants to serve the users. The boys'



common room and girls' common room have indoor game facilities with proper resting facilities. The hostel boarders have access to indoor and outdoor sports and watching TV programme. The teachers' and non-teaching staff common rooms have attached toilets, resting facilities, dedicated personal lockers, desktop computers with unlimited internet, television and refrigerators. Teachers' common room also has a well organized in-house cafeteria.

- **Auditorium:**

This College boasts such a big auditorium which most of the colleges in West Bengal do not have. An 800 seated well maintained auditorium is the pride of the college community. Apart from college use, this auditorium is rented out to others for resource mobilization.

- **Indoor gymnasium:**

A well equipped gymnasium with well trained trainers help the college community to regular physical exercises apart from curricular support to the under graduate students in Physical Education and B.P.Ed.

- **Bank:**

The College has a branch of the Bangiya Gramin Vikash Bank, a cooperative bank, with in its campus. This fully equipped branch of the bank has been providing support to the college people to include themselves in the financial system of our country to a greater extent. For the transfer of the scholarships and stipends to the students and salaries to the staff, this facility has been a great support. As the branch is the CBS facility the college staff members avail the facility of Debit Cart and the college can transfer the money to any office through RTGS or NEFT.

- **Photocopy centre:**

A photocopy centre has been opened within the college in PPP mode to help the college administration, library, students and the staff. Differential subsidized rates are charged to the users.

- **Generator:**

The college campus has been assured uninterrupted power supply through three large silent diesel generators [62.5 kva, 30 kva and 15 kva]. All the class rooms, laboratories, administrative office of the college have been brought under such facility. The college has two transformers of 65 KVA and 35 KVA of its own. Moreover, the college has applied to the State Electricity Board to procure a 125 KVA transformer to fulfill the need of electricity in near future.



- **Guest house:**

The College boasts a two room well-furnished and maintained guest house to cater the need of the guest teachers, officials and guardians. The college staff can also use the facility in exigencies.

- **Cycle and motor stand:**

A well protected cycle cum motor stand helps the college community to keep their cycles, motor cycles and private cars within the campus under strict vigil. A 24 hours security guard appointed by the college authority looks after the stand.

- **Waiting lounge:**

To help the guardians of the examinees and the students large waiting facilities have been created. The users of this facility are also allowed to use the canteen, drinking water and lavatory facilities of the college.

- **Student's union room (Day & Evening):**

Two rooms have been allotted for the students union. Students union plays a pivotal role between the administration and the students' community at large. They are also responsible for organizing the annual sports, annual fest, Saraswati Puja, and other activities. In 2013-14 students union organized a skill development program.

4.2 Library as a Learning Resource

4.2.1 Does the library have an Advisory Committee? Specify the composition of such a committee. What significant initiatives have been implemented by the committee to render the library, student/user friendly?

The college library is more than 54 years old, and comprised of many old books whose valuation is not possible. Many books donated by Alumnus and Publishers are also in the Library whose valuation cannot be done. Each Department has its own seminar Library where reference and also text books (donated and some purchased by departmental grants) are available. Some books that are very old are not included in this count.

Library advisory cum management committee is headed by the librarian of the college. This committee is formed by the governing body and comprises of the representatives of teaching and non-teaching staff of the college. Under the stewardship of this committee very recently the library has been upgraded to a modern one. *Libsys*, a library management software has been installed and the whole library system has been computerized. The library database has been digitalized and computer enabled searching of library resources has been made. Uninterrupted power supply to the library



digital network has been ensured through high power online UPS. Steps are being taken to execute web based searching of the library materials.

Table 4.6 Library sub-committee

Sl. No	Name	Designation
1	Prof. Nandan Bhattacharyya	Principal (Chairman)
2	Sri Avisek Chowdhuri	(Librarian cum Convener)
3	All HODs/PG Coordinators	
4	Dr. Abhijit Kar Gupta	Associate Professor
5	Dr. Sugata Sen	Assistant Professor
6	Sri Asish Banerjee	GB Member
7	Sri Lakshmikanta Ghorai,	Library Clerk
8	Mr. Madan Mohan Mula	Non teaching staff

4.2.2 Provide details of the following:

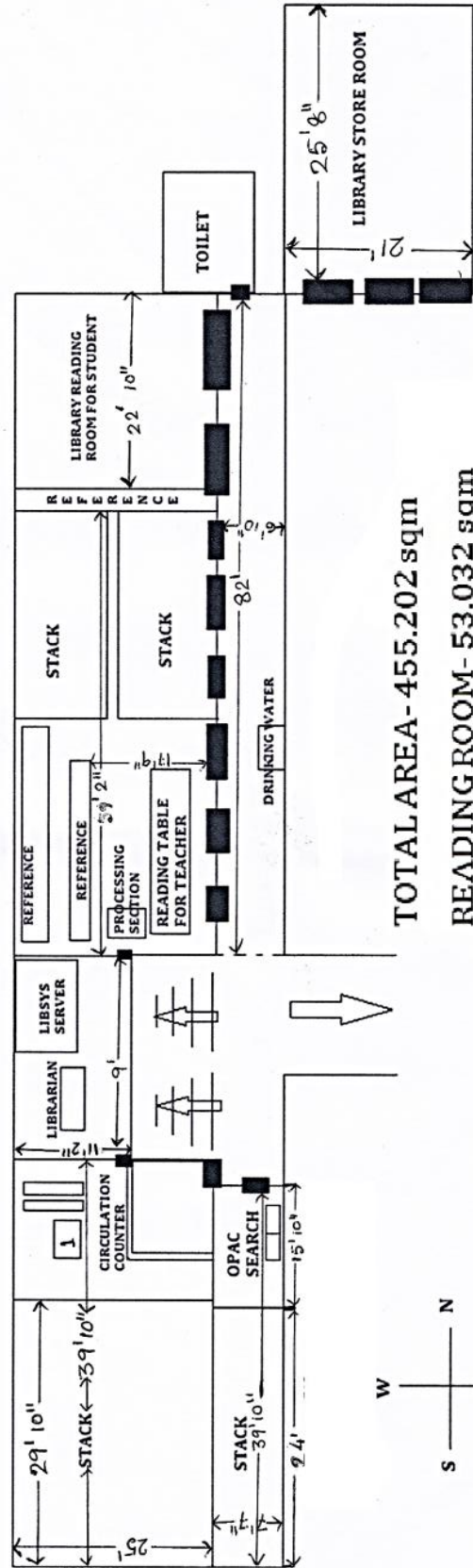
- Total area of the library (in Sq. Mts.)
- Total seating capacity
- Working hours (on working days, on holidays, before examination days, during examination days, during vacation)
- Layout of the library (individual reading carrels, lounge area for browsing and relaxed reading, IT zone for accessing e-resources)

Library details:

- Total area of the library in sq.mt: 455.202 sq.mt
- Total seating capacity: 10 (Teachers)+50 (Students)
- Working hours:
 - On working days: 7.30 am to 6.00 pm
 - On holidays: If required Library stays open
 - Before examination days: 7.30 am to 6.00 pm
 - During examination days: 9.30 am to 4.30 pm
 - During vacation: Library remains open on demand
- Layout of the library:



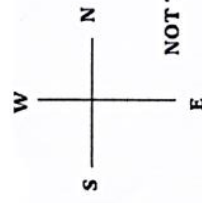
MAP OF CENTRAL LIBRARY, PANSKURA BANAMALI COLLEGE



TOTAL AREA- 455.202 sqm

READING ROOM- 53.032 sqm

LIBRARY STORE ROOM- 50.75 sqm



NOT TO SCALE



The library comprises of 4 sections:

A) The issue returns section

The issue returns section consists of:

1 room (Total area 23.23 sq. m) consisting of almirahs and shelves with books for short term and long term issue. **3 Computers for updating the catalogue with recent arrivals**

B) The reference Section

One of rooms (Total area 53.032 sq. m) consisting of 17 almirahs with books exclusively for references attached with Reading room.

C) The reading section

The reading section of the library is about 53.032 sq m in area. A circulation counter for issue and return of books exclusively for the reading room. Computers for searching books and their availability status. Reading area with a seating capacity of about 50 students

D) The computer section

The computers section is part of Reading section. It consists of 7 no of computers for Web OPAC with internet facility. (Web OPAC- 4 and Internet facility- 3). All 7 Computers are connected with Internet Connection. 1 Scanner and 1 black and white Printer are connected with these computers for students use.

Teachers and students are provided with INFLIBNET facility, DOAJ, High Wire Press, PubMed, J-stage for books, journals, Open course wire and other study materials.

4.2.3 How does the library ensure purchase and use of current titles, print and e-journals and other reading materials? Specify the amount spent on procuring new books, journals and e-resources during the last four years.

Every year the library committee calls list of books from the academic departments for purchase. After reviewing the book lists the library committee sends the list to the purchase committee of the college. Purchase committee calls tender for the books subject to the availability of fund. The college is planning to take up the process of e-tendering for different purchase. The college library is also a member of



INFLIBNET-N-LIST. The membership is renewed annually. Once the books are procured by the purchase committee the library committee takes the delivered items from the concerned vendors. Each and every book is entered to the accession register and each book is given a unique accession number. After putting the accession number each book is given call number and transferred to the stack for circulation. Once the books are ready for circulation the payment to the vendors are made. Same process is maintained for printed journals also. For some reputed journals only advance payments are made. E-journals are purchased purely on the basis of advance payments. The college library has a different journal section where current journals are displayed. Journal database of the college has also been digitized. E-journals have been enlisted in a different section of the college library search engine. The scenario of procurement of books and periodicals is as follows:

Table 4.7 Library purchase

Library holdings	2011-12		2012-13		2013-14		2014-15	
	Number	Total Cost	Number	Total Cost	Number	Total Cost	Number	Total Cost
Textbooks & Reference Books (Added)	1005	452613.50	1385	300217.30	418	80832.75	2687	585128.00
Journals/ Periodicals (Added)	15	5950.00	11	5510.00	17	10005.00	11	2480.00
e-resources (e-books & e-journals) (Added)	DOAJ	FREE	DOAJ	FREE	DOAJ	FREE	INFLIB NET-NLIST	5000.00
Any other (CD/DVD) (Added)	--	--	--	--	--	--	05	Accompanying Materials (Free)



4.2.4 Provide details on the ICT and other tools deployed to provide maximum access to the library collection?

- a) **OPAC:** Library database has been digitized and detailed search is available through OPAC. Four (4) dedicated computers have been installed only to handle OPAC searches. Central Library has Web based OPAC system inside the campus.
- b) **Electronic Resource Management Package For E-Journals:** INFLIBNET- NLIST, DOAJ, OCW, J-stage, Highwire Press (Stanford University), E- PATHSALA
- c) Federated searching tools to search articles in multiple database: **NO**
- d) Library website: **Yes**
- e) In-house / remote access to e-publications: **YES**
- f) Library automation: **YES (EXCEPT AQUISITION SYSTEM)**
- g) Total number of computer for public access: **7 (SEVEN) [4 FOR OPAC + 3 FOR INTERNET SEARCH]**
- h) Total number of printers for public access: **2 (ONE PRINTER IS INSIDE THE LIBRARY AND ANOTHER FROM XEROX MACHINES)**
- i) Internet speed: **10 mbps**
- j) Institutional repository: **NO**
- k) Content management system for e-learning: **NO**
- l) Participation in Resource sharing networks/ consortia (like Inflibnet): **INFLIBNET- NLIST & CENTRAL LIBRARY OF VIDYASAGAR UNIVERSITY**

4.2.5 Provide the details on the following items:

- a) Average number of walk-ins: **211**
- b) Average number of books issued/returned: **109**
- c) Ratio of library books to students enrolled: **6.73**
- d) Average number of books added during the last three years: **1497 books per year**
- e) Average number of login to OPAC: **APPROX 115 PER DAY**
- f) Average number of login to e-resources: **NO**
- g) Average number of e-resources downloaded/printed: **NO**
- h) Number of information literacy trainings organized: **4**
- i) Details of weeding out of books and other materials: **NO**

4.2.6 Give details of the specialized services provided by the library:

- a) Manuscript: Not providing right now



- b) Reference: College library has a dedicated reference section handling rare books and journals. Reference section materials are not allowed to borrow. Access to reference section is available only through reading rooms. One library staff looks after the reference section.
- c) Reprography: **YES** (In ground floor of the Building)
- d) Inter Library Loan service: **YES** (WITH VIDYASAGAR UNIVERSITY)
- e) Information deployment and notification: **YES**
- f) Download: **YES**
- g) Printing: **YES**
- h) Reading list / Bibliography compilation: Yes upon request free for the college but can be available by outsiders for a nominal price.
- i) In-house/remote access to e-resources: **NO**
- j) User orientation and awareness: Each year the library committee organizes a user interface meeting to make the users familiar with the library system of the college. Till date four such orientations have taken place.
- k) Assistance in searching database: The trained library staffs of the college help the users to search the OPAC. Apart from this they have a vast knowledge of the resources kept in the library which help the users to find the books and journal from the stack without taking the help from OPAC.
- l) INFLIBNET/IUC facilities: **INFLIBNET**

4.2.7 Enumerate on the support provided by the library staff to the students and teachers of the college:

The library staffs of the college teach the users to search the OPAC. Apart from this they have a vast knowledge of the resources kept in the library which help the users to find the books and journal from the stack without taking the help from OPAC. They also help the users to go through the previous year questions of university exams.

4.2.8 What are the special facilities offered by the library to the visually/physically challenged persons? Give details.

Till now special support for visually challenged students is not sought. Departmental heads take care of the requirements of physically challenged students by providing books from departmental or central library. In addition to this the library



keeps a record of lame students who are provided the phone number of the Librarian. On receiving their call, library personnel lend their required books in the ground floor.

4.2.9 Does the library get the feedback from its users? If yes, how is it analyzed and used for improving the library services. (What strategies are deployed by the Library to collect feedback from users? How is the feedback analyzed and used for further improvement of the library services?)

- a) Students are always free to share their views and need from the library. They directly approach to the Librarian, Library staffs, subject teachers and also Principal for their problem and their needs. One suggestion box is also fixed near the Library gate. Users can also mail their suggestion and grievances directly to the mail ID feedbacklibrary.pbc@gmail.com. Arrangement are being made to link the ID to the library website. Accordingly the library services are updated and remodelled. All efforts are being made to frame the library as the Student-Centric Knowledge Hub.
- b) The Library advisory Committee keeps a track of the necessary remedies which situations demand. Accordingly the required steps are undertaken.
- c) The teachers discuss library related issues in the Teachers council meeting and come up with necessary solutions.

The library takes regular yearly feedback from the users. The feedbacks are tabulated and yearly user feedback report is prepared. On the basis of this report yearly development plans are formulated. Apart from yearly feedback, the users can lodge complaints to the principal and librarian regarding the affairs of the library.

4.3 IT Infrastructure

4.3.1. Give details on the computing facility available (hardware and software) at the institution.

- **Number of computers with configuration (provide actual number with exact configuration of each available system):**

A total 225 nos. of computers are present in the different departments of the college.

**Table 4.8 Distribution of computers in different sectors**

Sl. No.	Department	Computer (Desktop pc) Configuration	Operating System	LAN & WI FI	Total computer (PC)	Internet
1	Geography	Intel Dual Core P-4,2 GB RAM,320 GB HARD DISK,DVD R/W, KEYBOARD, MOUSE, LCD MONITOR, UPS	WINDOWS 7 & WINDOWS 8	YES	17	Yes
2	Political Sc.	INTEL CORE i3 4 GB RAM,500 GB HARD DISK,DVD R/W, KEYBOARD, MOUSE, LCD MONITOR, UPS	WINDOWS 8	YES	1	Yes
3	Bengali	Intel Dual Core P-4,2 GB RAM,320 GB HARD DISK,DVD R/W, KEYBOARD, MOUSE, LCD MONITOR, UPS	WINDOWS 7 LINUX	YES	1	Yes
4	History	INTEL CORE i3 4 GB RAM,500 GB HARD DISK,DVD R/W, KEYBOARD, MOUSE, LCD MONITOR, UPS	WINDOWS 7	YES	1	Yes
5	Philosophy	INTEL CORE i3 4 GB RAM,500 GB HARD DISK,DVD R/W, KEYBOARD, MOUSE, LCD MONITOR, UPS	WINDOWS 7	YES	1	Yes
6	Economics	Intel Dual Core P-4,2 GB RAM,320 GB HARD DISK,DVD R/W, KEYBOARD, MOUSE, LCD MONITOR, UPS	WINDOWS 7	YES	1	Yes
7	English	INTEL CORE i3 4 GB RAM,500 GB HARD	WINDOWS 8	YES	1	Yes



		DISK,DVD R/W, KEYBOARD, MOUSE, LCD MONITOR, UPS				
8	B.P.Ed.	Intel Dual Core P-4,2 GB RAM,320 GB HARD DISK,DVD R/W, KEYBOARD, MOUSE, LCD MONITOR, UPS	WINDOWS 7	YES	2	Yes
9	Chemistry	INTEL CORE i3 4 GB RAM,500 GB HARD DISK,DVD R/W, KEYBOARD, MOUSE, LCD MONITOR, UPS	WINDOWS 7 & WINDOWS 8	YES	6	Yes
10	Zoology	Intel Dual Core P-4,1 GB RAM,320 GB HARD DISK,DVD R/W, KEYBOARD, MOUSE, LCD MONITOR, UPS	WINDOWS 7	YES	2	Yes
11	Physics	INTEL CORE i3 4 GB RAM,500 GB HARD DISK,DVD R/W, KEYBOARD, MOUSE, LCD MONITOR, UPS	WINDOWS 7 & WINDOWS 8	YES	9	Yes
12	Library	INTEL CORE i3 4 GB RAM,500 GB HARD DISK,DVD R/W, KEYBOARD, MOUSE, LCD MONITOR, UPS	WINDOWS 8 & LINUX	YES	7	Yes
13	Mathema-tics	INTEL CORE i3 4 GB RAM,500 GB HARD DISK,DVD R/W, KEYBOARD, MOUSE, LCD MONITOR, UPS	WINDOWS 7 & WINDOWS 8	YES	32	Yes
14	BCA	Intel Dual Core P-4,2 GB RAM,320 GB HARD DISK,DVD R/W, KEYBOARD,	WINDOWS 7 & LINUX	YES	22	Yes



		MOUSE, LCD MONITOR, UPS				
15	Computer Sc. (M.Sc.)	Intel Dual Core P-4,2 GB RAM,320 GB HARD DISK,DVD R/W, KEYBOARD, MOUSE, LCD MONITOR, UPS	WINDOWS 7 & LINUX	YES	12	Yes
16	Computer Sc (B.Sc.) (3 rd)	Intel Dual Core P-4,2 GB RAM,320 GB HARD DISK,DVD R/W, KEYBOARD, MOUSE, LCD MONITOR, UPS	WINDOWS 7 & LINUX	YES	11	Yes
17	Computer Sc (B.Sc.) (1 st & 2 nd)	Intel p-III,512 MB RAM,40GB HARD DISK,CD ROM, KEYBOARD, MOUSE, CRT MONITOR, UPS	DOS	NO	15	NO
18	B.Ed.	INTEL CORE i3 4 GB RAM,500 GB HARD DISK,DVD R/W, KEYBOARD, MOUSE, LCD MONITOR, UPS	WINDOWS 7 & WINDOWS 8 LINUX (UBANTU & MANDRIVA)	YES	38	Yes
19	Physiology	Intel Dual Core P-4,2 GB RAM,320 GB HARD DISK,DVD R/W, KEYBOARD, MOUSE, LCD MONITOR, UPS	WINDOWS 7	YES	1	YES
20	Bio-Tech.	INTEL CORE i3 4 GB RAM,500 GB HARD DISK,DVD R/W, KEYBOARD, MOUSE, LCD MONITOR, UPS	Windows 8	YES	16	YES
21	Microbiology	INTEL CORE i3 4 GB RAM,500 GB HARD DISK,DVD R/W,	Windows 8	YES	2	YES



		KEYBOARD, MOUSE, LCD MONITOR, UPS				
22	Accountancy	INTEL CORE i3 4 GB RAM,500 GB HARD DISK,DVD R/W, KEYBOARD, MOUSE, LCD MONITOR, UPS	WINDOWS 7	YES	9	YES
23	Admission Section & OFFICE	INTEL CORE i3 4 GB RAM,500 GB HARD DISK,DVD R/W, KEYBOARD, MOUSE, LCD MONITOR, UPS	WINDOWS 7 & WINDOWS 8	YES	11	YES
24	Account Section	INTEL CORE i3 4 GB RAM,500 GB HARD DISK,DVD R/W, KEYBOARD, MOUSE, LCD MONITOR, UPS	WINDOWS 7 & WINDOWS 8	YES	3	YES
25	Botany	Intel Dual Core P-4,2 GB RAM,320 GB HARD DISK,DVD R/W, KEYBOARD, MOUSE, LCD MONITOR, UPS	WINDOWS 7	YES	2	Yes
26	Music	INTEL CORE i3 4 GB RAM,500 GB HARD DISK,DVD R/W, KEYBOARD, MOUSE, LCD MONITOR, UPS	WINDOWS 8	YES	1	YES
27	Education	INTEL CORE i3 4 GB RAM,500 GB HARD DISK,DVD R/W, KEYBOARD, MOUSE, LCD MONITOR, UPS	WINDOWS 8	YES	1	YES

NUMBER OF WIFI + LAN COMPUTER	123 PCS
NUMBER OF ONLY LAN COMPUTER	72 PCS
NUMBER OF NODES	1. A.P.(ACCESS POINT) 12 PCS



	2. ROUTER 4 PCS 3. LAN SWITCH 20 PCS 4. LASERJET PRINTER 28 PCS 5. INJECT PRINTER 5 PCS 6. ALL IN ONE LASERJET 1 PCS 7. SCANNER 7 PCS 8. WEB CAM 4 PCS 9. LCD PROJECTOR 15 PCS 10. LINUX SERVER 1 PC 11. SANAKO STUDY SERVER 1 PC
STANDALON COMPUTER	30 PCS
STANDALONE LAPTOP	9 PCS
LICENCE SOFTWARE	1. RED HAT ENTERPRISE LINUX 6 2. RED HAT LINUX 7.2 3. WINDOWS SERVER 2003 4. MS OFFICE 2003 5. VISUL STUDIO 2008 6. LIB SYS (LIBRARY SOFTWARE) 7. FACT (ACCOUNTING SOFTWARE) 8. TALLY (ACCOUNTING SOFTWARE) 9. FORTAN 3.001 10. COBOL (ANSI) 2.01 11. ANTIVIRUS MULTI USER 12. GEOMETICA 13. TNT MIPS 14. SPSS 15. RCGIS 16. PRINTER UTILITY 17. SCANNER UTILITY 18. CARDIO VIT (ECG) 19. SANAKO STUDY (30 USER) 20. SANAKO PRONOUNCE (30 USER) 21. SKLL JUNCTION (10 USER)
	Online admission software, the cash section is computerized with software with barcode reader facility etc. In addition to these, different departmental instruments have their own licensed software which comes along with them. As for example, UV-VIS-NIR spectrophotometer, Gel doc, Inverted fluorescence microscope, Electrochemical Workstation, Digital Conductimeter bridge, ELISA Reader, Language laboratory software etc. has their inbuilt software, Smart Board software etc.
Computer: Student ratio	Total computers in the lab-140; Total student 1218; Hence the ratio is 1:9



4.3.2 Detail on the computer and internet facility made available to the faculty and students on the campus and off-campus?

All the Science, Humanities and Commerce departments have computers and printers with internet connectivity. The campus has been networked with Wi-Fi and LAN connections among some machines. An appropriate number of LAN switches have been installed in the various departments depending on the number of users. All the prominent locations/ departments are Wi-Fi enabled. Please see 4.3.1 for details.

4.3.3 What are the institutional plans and strategies for deploying and upgrading the IT infrastructure and associated facilities?

The college is planning to increase the number of computers and number of computers with internet facility so that the computer: student ratio can be increased significantly from the present level. The IT facilities have been upgraded in several phases during the past five years. While planning IT infrastructure, the college first assesses the need, number of students and staff and also identifies the end user. Accordingly, IT facilities are upgraded after 3/4 years. The old computers are shifted for web browsing or used for hardware practical. The college has now shifted to partial ERP System (Governance Education Management System). Our future objective is to execute total automation using various modules such as students' life cycle, employee life cycle, entire process of purchase /inventory/ stock, academic configuration, teacher-subject-student allocation, leave management system, placements, library and examination, which would act as MIS of the college. One person is appointed for maintenance of IT infrastructure of the campus. For Wi-Fi and internet connection is being maintained by a company. New IT infrastructure is made available whenever a need arises in the Department(s). Last year Biotechnology, Physics and Mathematics Department got three new computer labs.

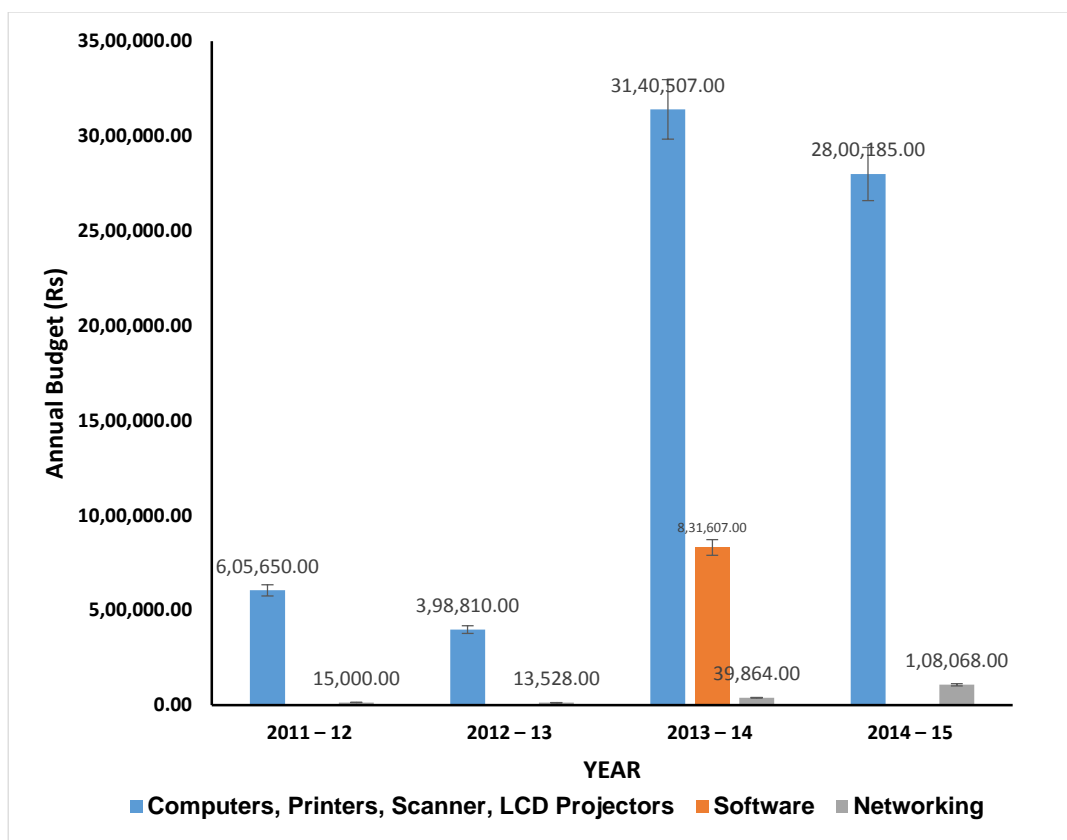
In addition recently we have placed an purchase order for 50 computers, 60 UPS, 10 Laser Printers, 1 laser Colour Printer, 03 scanner, One Xerox Machine, 05 LCD Projectors, One Smart Board for various departments and the office.



4.3.4 Provide details on the provision made in the annual budget for procurement, up-gradation, deployment and maintenance of the computers and their accessories in the institution (Year wise for last four years)

Table 4.9 Expenditure for computers and accessories

Year	Computers, Printers, Scanner, LCD Projectors (Rs)	Software (Rs)	Networking (Rs)
2011 – 12	6,05,650.00		15,000.00
2012 – 13	3,98,810.00		13,528.00
2013 – 14	31,40,507.00	8,31,607.00	39,864.00
2014 – 15	28,00,185.00		1,08,068.00
Total	69,45,152.00	8,31,607.00	1,76,460.00



4.3.5 How does the institution facilitate extensive use of ICT resources including development and use of computer-aided teaching/ learning materials by its staff and students?

The college believes in the policy of evolving with the age. So it has been an earnest effort from the college authorities to emerge new teaching-learning methods involving extensive usage of ICT resources like:

- Every Department of the college is provided with ICT enabled multimedia projectors for a lively presentation of the academic topics
- The departments are provided with desktop and laptop computers with internet facility.
- Printers with regular supply of cartridges are provided for every Department.
- INFLIBNET access for e-journals
- A smart-board enabled interactive classroom and Seminar room.

I.C.T. cum Language Laboratory:

Language laboratory is an audio-visual well equipped fully computerized room



that helps to develop the language proficiency, soft communication skills (the listening skills, reading skills, writing skills, speaking skills and also related to professional development skills like guidance and counseling in different fields of education and professional engagement. Sanako Study, Sanako Pronounce; and skill Junction software are being used. In our college we have Language Laboratory to train the students with smart language communication skills. Here we have innovative products such as digital multimedia control, wireless headsets and microphones, the interactive response pad, smart boards, computers, projectors etc. It develops the students' ability of speech sound movement and the speech production quality. Not only that they also get the software skills for developing their stress and intonation in speech production. In this way the students are getting trained with proper phonetics and phonology with language development skills and equipment.

4.3.6 Elaborate giving suitable examples on how the learning activities and technologies deployed (access to on-line teaching-learning resources, independent learning, ICT enabled classrooms/learning spaces etc.) by the institution place the student at the centre of teaching-learning process and render the role of a facilitator for the teacher.

The technologies used in modernizing the teaching-learning method have resulted in the following trends in the college:

- a) The access to internet and e-study materials has placed an infinite mine of information in front of the students in the college. The teacher only guides the students to utilize this vast resource to prepare his study material.
- b) An ailing student no longer suffers for his absence. In place of class notes, the soft copies of the presentations provided by some departments can help a student in grasping the topic which she/he may have missed. Besides, the teachers also take additional care to help him/ her when it is required.

The project works and field study reports have attained a much more easier and improvised status utilizing the computer-aids.

4.3.7 Elaborate giving suitable examples on how the learning activities and technologies deployed (access to on-line teaching-learning resources, independent learning, ICT enabled classrooms/learning spaces etc.) by the institution place the student at the centre of teaching-learning process and render the role of a facilitator for the teacher.

The college is planning to avail this facility of the National Knowledge Network connectivity in future. This will develop our teaching standard and ultimately improve the teaching-learning style.

4.4 Maintenance of Campus Facilities



4.4.1 How does the institution ensure optimal allocation and utilization of the available financial resources for maintenance and upkeep of the following facilities (substantiate your statements by providing details of budget allocated during last Four years)?

Establishment Committee of the college looks after the maintenance of the college building and furniture. Getting recommendation from the Establishment Committee & Finance Committee, the G.B. allocates fund for different maintenance and repair works. The college during last four years has utilized the following budgetary allocations for proper maintenance and up-keep of the different assets and its establishments of the institution:

Table: 4.10 recurring expenditure

PURPOSES	2011-2012	2012-2013	2013-2014	2014-2015
Building (Rs)	2118593.00	1888345.00	2299100.00	2166398.00
Furniture (Rs)	51919.00	215655.00	817962.00	38957.00
Equipment (Rs)	211148.00	702845.00	274980.00	154000.00
Computers (Rs)	22150.00	11940.00	126262.00	102525.00
Vehicles (Rs)	-	-	-	-
Any Other (Rs)	9490.00	26420.00	391400.00	-
TOTAL (Rs)	2413300.00	2845205.00	3909704.00	2461880.00

4.4.2 What are the institutional mechanisms for maintenance and upkeep of the infrastructure, facilities and equipment of the college?

Committees such as Establishment committee and purchase committee take care of the maintenance part in the college. Some of the staff members are given the responsibility for supervision of maintenance works.

During the last 4 years, the old electrical lines have been replaced by new and well planned cable lines with clear layouts and modern switching.

- The College has two staff members for general electrical maintenance and maintenance of the generator on a regular basis.
- There are two cleaning staff deployed for the college premises. In addition, there is a contractual agreement with a private company for additional cleaning and maintenance.
- The pure drinking water supply devices like *Aquaguards* are maintained under AMC.
- All the computers, printers, scanners, projectors and networking facilities are under constant in house servicing whenever needed.
- Other laboratory instruments are serviced on a regular basis. Qualified personnel are called for servicing as and when required.



Recently we have received a grant from West Bengal Department of Biotechnology (BOOST) of Rs 20 lacs for the purchase of instruments. The tendering is being processed. In this process we have asked the price of the instruments including 3 years of maintenance.

In addition, we have received a grant from DST, GOI, of 80 lacs where the cost of maintenance is included.

4.4.3 How and with what frequency does the institute take up calibration and other precision measures for the equipment/ instruments?

All the instruments/equipments in the laboratories are well maintained and standard operation procedures are followed whenever used. Regular maintenance of instruments is also done through departmental funding as well as funding from external funding agencies. Before, procuring instruments, the “**Establishment committee**” makes a visit to the laboratory and assesses the need of procuring the instruments, and then recommends it for purchase to the Purchase Committee.

For minor instruments like pH meter, conductometer, potentiometer etc., calibrations are done every day, just before using the instrument. The process followed for calibration is as per standard methods (use of standard solutions like potassium chloride, potassium hydrogen phthalate, buffer solutions etc.)

For high end instruments like UV-VIS, FTIR, Fluorescent microscope, CO2 incubator, High speed cold centrifuge -80C freezer, Freeze drying machines, etc, the method of calibration varies according to the Instrument as per standard operating procedure.

4.4.4 What are the major steps taken for location, upkeep and maintenance of sensitive equipment (voltage fluctuations, constant supply of water etc.)?

Main Circuit Breaker (MCB) and Earth Leakage Circuit Breaker (ELCB) at prominent power supply units. All the building has been equipped with earthing system to protect the machines from lightening during thunderstorm.

The college has generator backup system for smooth operation.

The supply of water in the college comes from through the submersible pumps owned and maintained by the college. Besides, Panskura Municipality has constructed a pump house inside the college campus for the continuous supply of water in the locality and as wells as for the need of the college.

The college also has a swimming pool inside the campus which fulfill the



demand of surface water.

Any other relevant information regarding Infrastructure and Learning Resources which the college would like to include.

The college makes focused efforts towards upgrading and maintaining the infrastructure of the campus and laboratories. Several major instrumentation facilities, special facilities, office and Xerox facilities have been added during the last four years.

The college authority is determined for its campus expansion and up gradation to University campus as proposed by the Higher Education Department, Govt. of West Bengal to meet the need of the students of the locality. So college authority has decided to procure 62 decimals of land near the campus very soon. College has also received a fund from the Haldia Development Authority (HDA) for construction and completion of new library building.

The college authority has sent two proposals to Indian Oil Corporation (I.O.C.), Haldia for the construction of toilet blocks beside the Vidyasagar Bhavan and Gymnasium hall. The college has received a verbal assurance of grant for the proposed work from the I.O.C., Haldia.

CRITERION - V

**STUDENT SUPPORT AND
PROGRESSION**



5.1. Student Mentoring and Support

5.1.1 *Does the institution publish its updated prospectus/handbook annually? If 'yes' what is the information provided to students through these documents and how does the institution ensure its commitment and accountability?*

Prospectus / Handbook

Every year the college publishes a prospectus with detail updated information about academic and disciplinary aspects. The prospectus contains the following heads:

- a) History and development of the institution
- b) Vision and mission of the college
- c) Information of college Governing Body
- d) Departmental profiles
- e) Admission procedures and eligibility criteria
- f) Subject wise intake capacity
- g) Course wise major subject details with subsidiary bunching
- h) Facilities available in the department
- i) Rules and regulations of the institution
- j) Announcement of scholarships
- k) Different programmes of the college.

The college authority updates the prospectus every year including university norms. The prospectus is circulated among all the stakeholders and also the applicants at the beginning of the session.

5.1.2 *Specify the type, number and amount of institutional scholarships/ freeships given to the students during the last four years and whether the financial aid was available and disbursed on time?*

The college develops a committee which is further approved by the college Governing Body which looks after the scholarship / freeship. For academic development of the poor and meritorious students the college authority arranges freeships for the students in every year. After proper verification, selected students are provided financial benefits to complete their courses. Student union members are also involved in this process. The year wise number of students and amount of freeship are stated as below:



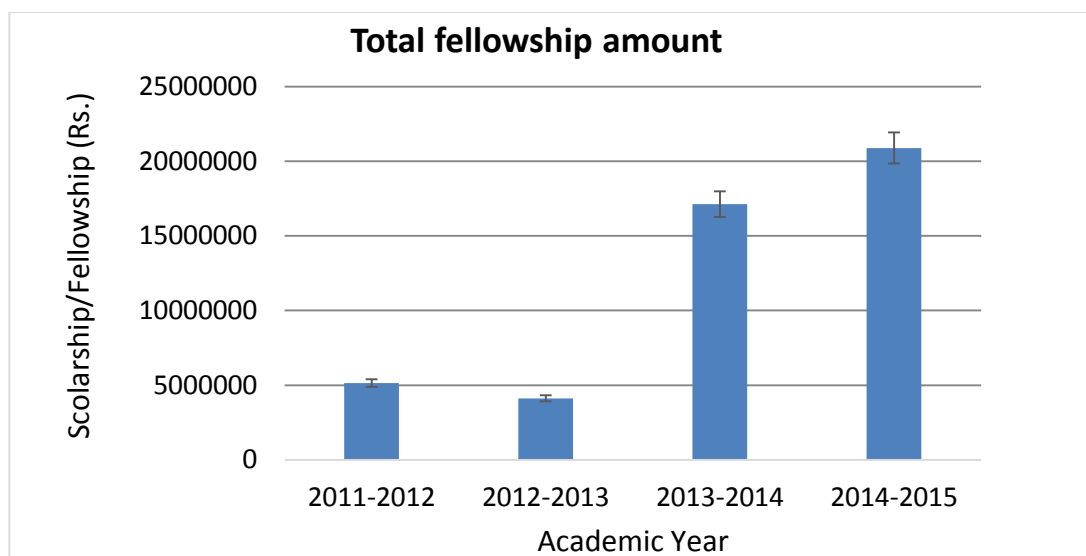
Year / Session	Type of free ship	No of student benefited	Amount (Rs)
2011 – 2012	Tuition fee concession	398	253891.00
2012 – 2013	Tuition fee concession	576	345390.00
2013 – 2014	Tuition fee concession	366	142717.00
1014 – 2015	Tuition fee concession	235	149927.00

5.1.3 What percentage of students receives financial assistance from the state government, the central government and other national agencies?

In last four years the number of students receives financial assistance from state government and other agencies are stated below:

Student (Category)	Academic Years/Sessions			
	2011-12	2012-13	2013-14	2014-15
SC	413	429	250	605
ST	251	130	69	198
OBC	139	152	130	454
Minority	297	209	382	499
PWD	13	4	13	10
Merit cum means / C.M. Relief fund	121	81	76	80
Kanyashree, Govt. of W.B.	NA	NA	490	551
Central Govt. Scheme	Nil	1	11	Nil
Private Agencies	8	6	10	9
Total Amount	5145840	4114200	17131240	2.1E+07
Percentage of Students Received Scholarships	16.40%	14.86%	18.30%	23.87%

This includes INSPIRE scholarship, Merit cum means scholarship, Kanyashree, Minority fellowships to mention a few. With the help of Kanyashree scholarship girl students got fellowship worth Rs. 1 crore.



5.1.4 What are the specific support services/facilities available for?

Types of support	Facilities
<i>Financial assistance</i>	For SC, ST, OBC, Minority, kanyashree and PWD
<i>Scholarship</i>	Merit cum Means for meritorious student
<i>Institutional Freeships</i>	Economically weaker student
<i>Medical Assistance</i>	Medical assistance, WB Govt. Student Health Home facility and financial assistance diseases
<i>Skill Development</i>	Spoken English, Computer training, Language learning, Soft Skill Training, Career Counseling, Workshop on Remote sensing and GIS
<i>Technology</i>	High speed internet, Computer Laboratory, Language Laboratory, GIS Laboratory
<i>Sports</i>	Gymnasium, Indoor sports hall, Large play ground, Swimming pool, Volley ball court, Cricket net practice area. The players who represent the college in different competitions get financial support, Railway Concession, Kit etc. Good players are also admitted to the college in sports quota.
<i>NSS</i>	Social work
<i>Hostel</i>	Students' hostel
<i>Publication</i>	The Annual College Magazine and departmental wall magazine
<i>Remedial and tutorial</i>	For all students specially slow learner
<i>Library</i>	Modern library with computer searching facility



5.1.5 Describe the efforts made by the institution to facilitate entrepreneurial skills, among the students and the impact of the efforts.

Students are engaged in various activities on innovative programme to develop entrepreneurial skills and these are:

- a) Computer training for soft skill development
- b) Special studies in Business Management in B. COM (Honours) level
- c) Special training on Remote Sensing and GIS for PG students of Geography
- d) Opening of Secretarial Practice course from 2016-17 session in Commerce Department
- e) Participates in career counseling programme
- f) The professional Physical Education students get the knowledge about yoga therapy, handling of Physiotherapy Modalities, Health and Fitness etc.

5.1.6 Students' Extracurricular and Co-curricular activities

For personality development and character building, college authority and teachers are always encouraging the students to engage themselves in co-curricular and extracurricular activities **apart from** their scheduled classes throughout the year. The activities include:

Extra-curricular

- a. World Celebration day - World AIDS Day, World Environment Day.
- b. India Celebration day - Indian Independence Day, Republic Day.
- c. Birthday- Tagore's birthday, Netaji Subhas birthday, Swami Vivekananda birthday, Vidyasagar Birthday, Saheed Bhagat Singh and Kshudiran Birthday
- d. Celebration- Rakhi Bandhan Utsav and Teachers Day
- e. Games and Sports
- f. Cultural competition

Co-curricular

- a. NSS programme specially summer and winter camp.
- b. Medical Camps (Eye test, Blood group test and Thalasemia test
- c. Blood donation camp.
- d. Yearly film festival organized by Department of Geography, English, Physics and Physiology.
- e. Inter departmental cricket match.
- f. National Sports Day
- g. World Yoga Day



5.1.6 Position achieved in different co-curricular / extra-curricular activities by the students and faculties

Department	Name	Whether Faculty/ student	Name of the Award/ Recognition	Year	Organization / Position
Biotechnology	Manish Bal	Student	State Level Poster competition	2013-14	3 rd
English	Aditi Kuila	Student	State Level Recitation		1st
	Debosmita Nag	Student	Block Level Recitation		2nd
	Sneha Jana	Student	Singing Performance (ABTA)		1st
	Priyasri Jana	Student	State Level Essay Competition		3rd
	Riya Maji	Student	Block Level Quiz		1st
	Aheli Bhattacharya	Student	National Scholarship		
	Rimi Maity	Student	University Topper at UG Level (Gold Medalist)		
Microbiology	Dr. Harekrishna Jana	Faculty	Young Scientist Award	2011	Central Calcutta Science & Culture Organisation for Youth (Kolkata)
	Saheli Kuila	Student	Poster Presentation	2011	1st Position / Biotech Research Society of India (V.U. Unit)
	Saheli Kuila	Student	Young Scientist Award	2011	Central Calcutta Science & Culture Organisation for Youth (Kolkata)
Physiology	Amitava Pal	Faculty	2nd Best Presentation award in "International Conference on Frontiers in Biological Researches (ICFBR-2012)	2012	Dept. of Human Physiology with Community Health, Vidyasagar University



	Amitava Pal	Faculty	Level One Anthropometrist	2014	International Society for the Advancement of Kinanthropometry (ISAK), Canada
	Amitava Pal	Faculty	Level Two Anthropometrist	2015	International Society for the Advancement of Kinanthropometry (ISAK), New Zealand and Spain
Political Science	01-UG	Student	Youth Parliament Programme and Youth Parliament Quiz contest in District and Divisional Level	2013-14	
	09-UG	Student	Youth Parliament Programme and Youth Parliament Quiz contest in District and Divisional Level	2014-15	

For details on extracurricular and co-curricular activities please refer to 4.1.2.

5.1.7 Enumerating on the support and guidance provided to the students in preparing for the competitive exams, give details on the number of students appeared and qualified in various competitive exams such as UGC-CSIRNET, UGC-NET, SLET, ATE / CAT / GRE / TOFEL / GMAT / Central/State services, Defense, Civil Services, etc.

Presently guidance is provided to students in preparing for competitive examinations. The internet facilities provide adequate opportunity for on-line application examinations also. Students from the PG section appear for NET/JRF exams every year. Training for NET/ SET examination has started from last two year by the subject experts. Number of students qualified UGC NET and JRF is given below:



Year	GATE	LS	JRF	Total
2011	01	04	01	06
2012	00	09	00	09
2013	01	12	00	13
2014	00	13	02	15
2015	00	02	00	02

5.1.8 What type of counseling services are made available to the students (academic, personal, career, psycho-social, etc.)

Periodically the career related counseling is provided to the students of different faculties as per a schedule prepared by the Career Counseling Cell under the Career Guidance Scheme of the Department of Higher Education. At the professional level, for the students who aspire to become counselors especially students of social work are encouraged to participate in various training programme like Indian Air Force, IT Sector companies. Career Counseling is provided for the UG Third year and PG students as they are preparing for placements.

5.1.9 Does the institution have a structured mechanism for career guidance and placement of its students? If 'yes', detail on the services provided to help students identify job opportunities and prepare themselves for interview and the percentage of students selected during campus interviews by different employers (list the employers and the programmes).

The college has no such structured mechanism for placement of the students but through career counseling system the institution guided the students for job opportunities. The career counseling cell regularly informed the students department wise regarding various advertisement and research opportunities.

Please see 1.2.1 and 4.1.7 for details

5.1.10 Does the institution have a student grievance redressal cell? If yes, list (if any) the grievances reported and redressed during the last four years.

Yes, the institution has student grievance redressal cell and women cell. Governing Body formed these cells which comprise of some senior teachers along with the hostel warden. Students demanded few things such as more class rooms, modernization of the laboratories, opening of PG course in all subjects particularly Physics, Mathematics, History, Geography, Bengali, English, Education, Microbiology, Biotechnology, M.Com, M.Ed. and M.P.Ed. They have also demanded



for academic calendar and sports calendar, LCD projector, more Ladies Toilet & renovation of existing toilet, Campus interview, beautification of the campus, Reconstruction of pavements and construction of pavement to the AJC Bhavan more permanent teacher, uninterrupted power supply in the campus, Ladies Hostel in the campus, etc. During the last four years Golden Jubilee Building is inaugurated which can meet the requirement of class room partially. Five new PG courses have been started. M.P.Ed. will be started from the session 2016-17 session. College has applied to the University and NCTE for PG course in Biotechnology, Microbiology and M.Ed. Laboratories are being modernized every year. Academic calendar and course file are introduced. LCD projectors are provided to all the departments. Three Green Generators have been installed. New Toilet blocks have been constructed in the Golden Jubilee building. Existing Toilets in R.N. building have been renovated. Ladies' Hostel is going to be completed very soon. Campus interview is started. Some other departmental student grievances are settled by the HODs and other faculty members of the respective departments in consultation with the Principal. Students Grievance redressal cell and women cell are also active to redress the grievances.

5.1.11 What are the institutional provisions for resolving issues pertaining to sexual harassment?

There is an Anti Sexual Harassment Committee of the college which is approved by the Governing Body and the committee members are

- a. Principal, chairperson
- b. Six Lady teacher member
- c. Four Teachers representative member
- d. One support staff member
- e. One students representative

PBC is a women friendly campus. The gradual increase in the number of female student admission justifies this statement. No case of untoward incidence has been registered before this Committee during the last four years. However, the committee organizes seminar regularly to make the female aware of women' right.

5.1.12. Is there an anti-ragging committee? How many instances (if any) have been reported during the last four years and what action has been taken on these?

The college strictly follows the Anti Ragging rule. Anti Ragging placards are pasted in each and every corner of the college as well as in the hostel. The college has a very active an anti-ragging committee comprises of senior faculty members under the chairmanship of the Principal. Each year this committee instructs the seniors about the Anti Ragging Law and asks them to welcome the new comers wholeheartedly. No case of ragging has been reported during the last four years.



5.1.13 Enumerate the welfare schemes made available to the students by the institution.

Different welfare schemes of the college support the poor students. The assistances are:

- a. Institutional Freeships
- b. Medical Assistance
- c. Tuition fee concession
- d. Remedial Coaching and Career Counseling

5.1.14 Does the institution have a registered Alumni Association? If 'yes', what are its activities and major contributions for institutional, academic and infrastructure development?

Presently the college has an registered Alumni Association (Registration No. S/2L/31404 of 2014-15). The Alumni Association is involved in various ways and these are:

- a. Annual general meeting for plan preparation
- b. Encouraging departmental alumni formation
- c. Motivating the local inmate to study in their Alma Mater.
- d. Guiding the students to seek higher education and job

5.2 Student Progression

5.2.1. Providing the percentage of the students progressing to higher education or employment (for the last four batches) highlight the trends observed.

Year	2011-12	2012-13	2013-14	2014-15
UG To PG	62%	65%	69%	71%
PG to M. Phil	Not known	Not known	Not known	Not known
M. Phil to Ph. D	Not known	Not known	Not known	Not known
Employed	Not known	Not known	Not known	35
Campussing	Not known	Not known	2	3

Trend shows that number of students going for higher education from this college is increasing implying academic progress of the college



5.2.2 *Provide details of the programme-wise pass percentage and completion rate for the last four years (cohort wise/batch wise as stipulated by the University)?Furnish programme-wise details in comparison with that of the previous performance of the same institution and that of the Colleges of the affiliating University within the city/district.*

Please see 2.6.2 and 2.3.8 for details

5.2.3 *How does the institution facilitate student progression to higher level of education and/or towards employment?*

The institution facilitates student progression to higher education through the following ways:

Institutional facilitates student progression to higher education	Illustration
Student project	Training for practical work
Coaching	Coaching for the UGC NET/JRF examinations
Training	Computer based soft skill development
Career Counseling Workshop and Placement Training	Placement training by invited experts from various organization
Career Notifications in the Main Notice Board	Time to time notification in main notice board for information of the students
Industry visit	Direct interaction with Industrial management regarding employment opportunities
Research Lab visit	Direct interaction with research scientist for research opportunities

5.2.4. *Enumerate the special support provided to the students who are at risk of failure and dropout?*

The college has low rate of dropouts or failures. The reasons for dropout are:

- a. Rural poor economic background
- b. Early marriage of the girls student
- c. Engagement of rural student in agriculture

The special supports provided to the students of the college are stated as below:

- a. Special attention to the slow learners
- b. Tutorial and remedial class
- c. Providing study material
- d. Supplementary examination
- e. Conducting extra practical classes
- f. Individual parent teachers-meeting
- g. Arrange for Scholarship and Concession.



5.3 Student Participation and Activities

5.3.1 *List the range of sports, games, cultural and other extracurricular activities available to the students. Provide details of participation and programme calendar.*

At the beginning of every academic session the sports, games, cultural and other extracurricular programme are scheduled within the academic calendar. The schedule is given as:

- a) Annual sports and games within December to January
- b) Regular practices of indoor and outdoor games
- c) Inter departmental competition of cricket match
- d) Indoor games facilities are provided to the students at gymnasium and students common room
- e) Annual cultural programme is organized by student union
- f) Dance and solo programmes are performed by the students
- g) Extracurricular activities like NSS programme, plastic free campus, Gardening etc.

For details please refer 2.3.4 and 4.1.2.

5.3.3. *How does the college seek and use data and feedback from its graduates and employers, to improve the performance and quality of the institutional provisions?*

Please refer 1.1.6.

5.3.4 *Publication: How does the college involve and encourage the students to publish materials like catalogues, wall magazines, college magazine, and other material? List the publications/ materials brought out by the students during the previous four academic sessions.*

The student union of the college has published a magazine every year named “Ramyani” where the selected writings of the students are published. There is one magazine committee consists of a Teacher and student member who are responsible for publishing the magazine. Apart from this, all most all the departments publish wall magazines where subject related articles are published quarterly / annually.

5.3.5 *Does the college have a Student Council or any similar body? Give details on its selection, constitution, activities and funding.*

Yes, the college has two students’ unions. One for Day Shift and the other for the Evening Shift. The student representatives are elected on representation of no of



student. The elected class representatives form the office bearers of the student union and the constitution of the union is framed by the affiliating university. Student representatives are mainly aware about the student problems of individual or in groups and they suggest the authority for academic and social development. The election of the Students' Union is held every year which is directed by the Higher Education Department and guided by the Affiliating University. The College also collects feedback from the Students' Unions.

5.3.6 Give details of various academic and administrative bodies that have student representatives on them.

Student representative in various academic and administrative bodies:

- a. Governing Body
- b. Academic sub-committee
- c. Anti-ragging committee
- d. Games and sports committee
- e. Hostel committee
- f. Student grievance redressal committee
- g. Student fees concession committee
- h. Magazine committee

5.3.7 How does the institution network and collaborate with the Alumni and former faculty of the Institution. Any other relevant information regarding Student Support and Progression which the college would like to include.

The alumni Association of the college was formed and registered in 2014. Before that some of the departments took initiative to form their departmental alumni association. They had alumni meet several times. Department of Microbiology, Geography, B. P.Ed, Physiology organized annual alumni meet last year. The alumni and former faculty of the college are directly related with various collaborative programme of the college and these are stated as below:

- a) Charitable fund collection
- b) Participation in cultural programme
- c) Former faculty have taken classes in both UG and PG level
- d) Former faculties have given books and journals to the students for academic development.
- e) The Alumnus donate books to the college libraries even some of them sponsor poor student to pursue higher education.
- f) The former faculty members are called for their valuable suggestions as and when the college requires their help.
- g) The former faculty members are also authoring books along with the present faculty members for the benefit of the students.

CRITERION – VI

GOVERNANCE, LEADERSHIP AND MANAGEMENT



6.1.1. Vision, Mission and Objectives of the Institution

Panskura Banamali College is one of the largest academic institutions of West Bengal where both UG and PG courses are running successfully. For more than 54 years the college is continuing with a vision of excellence in higher education, helping the young to achieve their goal, building the character and personality through proper guidance and preparing the students as socially responsible human beings. Our mission, vision and main objectives are outlined below:

Vision

To create a better academic atmosphere for higher education especially for the students from rural and backward regions. Due to locational advantage, initiation may be taken for career oriented comprehensive education combined with Humanistic, Scientific and Social learning.

Mission

- To impart traditional as well as professional education to students belonging to different strata of society irrespective of caste, gender, colour or creed.
- To make provision for upliftment of the financially and academically weaker section of students by empowering them with knowledge based education.
- To develop social, moral, aesthetic and ethical values amongst our students through constant involvement of the faculty.
- To equip and develop required professional and technical skills among the students so that they can face the challenge confidently with grit, determination and resilience.
- To inculcate reverence for humanity and to fortify high ideals of perseverance, dedication, quality, consciousness and excellence.
- To build a strong and unflinching character through meaningful education in order to make them better citizens.
- To play a bigger role in education landscape through innovation and expansion.

Objectives:

- a) The primary objective of the college is to cater to the higher educational needs of the rural students.
- b) To develop the college as a centre for academics for the students and academicians.
- c) To provide modern facilities for both rural and urban student community.



- d) To help socially and economically backward students for their academic improvement.
- e) To sustain equal opportunities among the students
- f) To provide both traditional and non traditional value based higher education to the rural students.
- g) To provide skill-based education for personality development of the students.
- h) Support towards employment- oriented training and more professional courses that will help the students in future employment sector.
- i) To make higher education as meaningful and socially relevant to the extent possible under the purview of the affiliating university and rules of the higher education system of State Government and U.G.C.
- j) Emphasis on the development of soft skills of the students.
- k) Promotion of value based education.
- l) Good facilities for curricular and non-curricular activities with optimum use of facilities.

6.1.2 What is the role of top management, Principal and Faculty in design and implementation of its quality policy and plans?

Governing Body (GB) is the top management of the college. In the GB meetings, decisions are taken on the recommendation of recommended by the different sub-committees. The decisions are carried out by the Principal, being secretary and ex-officio, for effective implementations. Future goals and objectives are fulfilled by a careful planning and execution of the said decisions.

The important policies and plans which are taken by the Principal and faculty members are as follows:

- a) Meetings of the Academic Sub-committee that comprises the Principal, the Secretary of Teachers' Council, Teachers Representatives of the Governing Body and Heads of Departments on a regular basis to plan and review the academic aspects in order to run the institute effectively and to cope with the modern education system.
- b) A number of subcommittees are established for the efficient and smooth functioning of the college and to decide the future needs and goals. The Principal, in the capacity of the chairman of all the subcommittees, oversee the effective implementation of the decisions taken.
- c) To ensure the implementation of policies, Principal meets with the Head of the departments on every month who deal with the day-to-day administration in collaboration with the members of the teaching and non-teaching staff.
- d) Meetings of the Teachers' Council are held periodically to discuss and debate on the matters related to academics, administration or infrastructural facilities. Suggestions are put forward.



- e) Principal and departmental Heads also meet with the student's representatives to discuss about the problems and demands of the students regularly.
- f) Principal convey the meeting for infrastructural development through Establishment Sub-Committee and the recommendations are forwarded to the Purchase committee for ultimate implementation.
- g) The college Governing Body (GB), being the highest administrative unit, takes major decisions for academic and infrastructural developments. [Apart from the President, the GB is comprised of the Principal as the secretary and ex-officio, a number of representatives nominated by the State Government and affiliating University, faculty and staff representatives, a member from student body and also other renowned social workers as representative of the local body and donors.
- h) The Internal Quality Assurance Cell (IQAC) of the college is the main unit to initiate and to improve the academic quality of the college. The IQAC coordinates among all the segments related with the college *i.e.* administration, faculty, staff, students' fronts, alumni and people of local and state level.

6.1.3 What is the involvement of the leadership in ensuring:

a) The policy statements and action plans for fulfilment of the stated mission

The Principal as the Secretary and Ex-Officio of the Governing body, takes the leadership to corroborate the policies and directives of UGC and the Higher Education Department of the State Government through the IQAC of the college. For the benefit of the institution the leadership conveys the following meetings mentioned below:

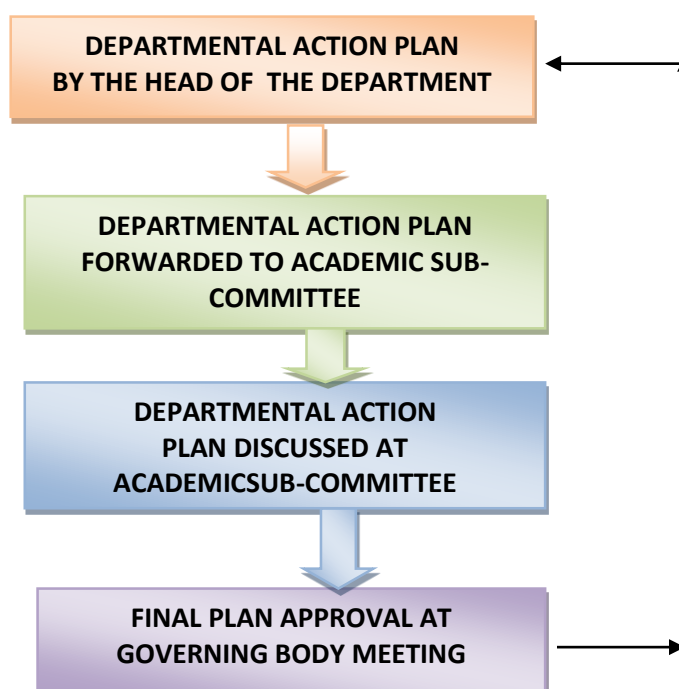
- i. Governing Body meetings held to take decisions on some important and major issues.
- ii. Teachers' Council meetings at the beginning and at the end of the academic session.
- iii. Bi-annual meeting with the students' representatives.
- iv. Academic Sub-committee meetings as and when required.
- v. Meeting with the local administration like Municipality and police stations.
- vi. Annual staff meeting regarding student affairs.
- vii. It is worth mentioning that some of our faculty members are also member of the Governing Body, members of different committee of different colleges which implies the leadership traits

The above mentioned programmes are organized by the leadership to achieve the vision, mission and perspective plan of the institution.



b) Formulation of action plans for all operations and incorporation of the same into the institutional strategic plan

All the formulations of strategic plans, their operations and incorporations into developments in order to achieve the vision and mission of the college are executed through liberal and democratic participations of all the segments like students' forum, teachers' council, staff and administrative bodies. All the departmental Heads/ Coordinators take major responsibility to implement the institutional plans at each session or semester. The institutional plans are implemented in the following manner:



c) Interaction with stakeholders

We understand 'Stakeholder' as a person or a group that has interest or concern in our Institution and can influence our actions, objectives and policies. In our case, the stakeholders are the administration, students, faculty members, non-teaching staff, parents and the local or other people associated with this college. There are interactions of Principal and the administration with different stakeholders of the college on regular basis through formal and informal meetings in order to achieve the mission of the college in the following manners:

- a) At the beginning of the session, Principal meets all the Heads of the departments to formulate the admission policy as per the rules of the University.
- b) Meeting with the local administration to maintain the peaceful academic atmosphere.
- c) Meeting with IQAC for annual developmental plan formulation.



- d) Faculty council meeting for regular class arrangement and preparation of class routine and evaluation system.
- e) Meeting with NSS Programme Officers for extension works to the society.
- f) Meeting with the staffs (Non teaching) for admission, students scholarship, record keeping, fees collection and data management.
- g) Meeting with disciplinary committee to maintain internal discipline and also for taking steps for ragging or other hazards if any.
- h) Annual meeting with the alumni for future extracurricular programme.
- i) Meeting with student's union representative to discuss about the participation in annual academic and social programmes.
- j) Meeting with various sub committees working under the supervision of the Principal for smooth running of the college.

d) Proper support for policy and planning through need analysis, research inputs and consultations with the stakeholders.

We understand 'Stakeholder' as a person or a group that has interest or concern in our Institution and can influence our actions, objectives and policies. In our case, the stakeholders are the administration, students, faculty members, non-teaching staff, parents and the local or other people associated with this college. There are interactions of Principal and the administration with different stakeholders of the college on regular basis through formal and informal meetings in order to achieve the mission of the college in the following manners:

1) *Need based analysis:*

The IQAC collects various information and feedback from different stockholders, like feedback from the students regarding academic support, reports on students' attendance and the results of the internal assessments from teachers council, matters regarding major and minor projects and FIP from research committee, various extension services from NSS programme Officers and income-expenditure from accounts section of the college. After collecting all the information, discussions are held at the meetings of the respective sub-committees, Principal being the chairperson of all of them. Afterwards the outcomes are placed in the meeting of the Governing Body where basic needs of different segments are identified and accordingly the mitigation steps are taken.

2) *Research inputs:*

The College has received different grants from various funding agencies like UGC, DST and DBT etc. from time to time in the plan periods for development of research work. The Research Committee of the college looks after the matters regularly and supports the teachers for engagement in research activities. The



well equipped laboratories of the college are used by the faculty members for the research work. The research committee convenes both formal and informal meeting to evaluate the progress of the work.

3) *Consultations with the stakeholders:*

Principal of the college has always consulted with the stakeholders for any type of planning and implementing the ideas. The following steps are taken for the need analysis:

- i. Student feedback system
- ii. Faculty improvement through training to increase subject knowledge and research competence.
- iii. Evaluations of various committees' action plans
- iv. Academic Audit
- v. Formation of Board of Studies for the Post Graduate Departments.
- vi. To understand social concerns that needs the involvement of the community through NSS units.
- vii. Need Analysis by various committees such as the Purchase Committee, Library Committee, Research Committees, Establishment Committee, Teachers' Council, Students' Union and Governing Body.

e) **Reinforcing the culture of excellence and Champion organizational change**

Through the sustained interactions among the faculty members, students and staff, attempts are made to bring changes to the culture of excellence and organizational change. Based on periodic reviews and feedbacks from all its stakeholders, the college attempts to modify its policies and set the plans of work as well as organizational reforms. Following steps have been taken in recent times:

- a) Online admission process for both UG and PG courses, as prescribed by the Higher Education Department of State Government.
- b) Digitalization of Central Library
- c) Introduction of Departmental Libraries.
- d) Modernization of laboratories.
- e) Smart Class rooms to improve teaching- learning process.
- f) Emphasis on class seminar on regular basis.
- g) Increasing awareness regarding the concern for Nature and environment through planting trees and other actions.
- h) Career counselling and guidance through personal interactions in the departments.
- i) Periodical review for need based development programme.
- j) Emphasis on value and need based trainings for the development of the students.



6.1.4. What are the procedures adopted by the institution to monitor and evaluate policies and plans of the institution for effective implementation and improvement from time to time?

To evaluate the policies and plans of the institution, various sub committees are constituted at the beginning of each academic year approved by the Governing Body on the matters of Academic affairs, Establishment, Purchase and Finance *etc* for the period of four years. These committees are responsible for implementing the plans assigned to them. Regular meetings are convened by the conveners of the sub-committees under the chairmanship of Principal in order to discuss new ideas, to review the progress and to encounter the problems faced during the implementation of the plans. Various subcommittees and their activities are as below:

Sl. No	Name of the Sub-committee	Major activities of the Sub-committee
1	Finance	Financial administration, Annual Budget preparation
2	Academic	Action plan for academic development
3	Establishment	Plan preparation for infrastructural development
4	Purchase	Execute recommendations through purchase
5	UGC Building sub-committee	Plan preparation for new building construction, renovation and submit to UGC financial assistance.
6	Admission sub-committee	Plan preparation for annual admission process at UG and PG level as per guidelines of Dept. of Higher Education, Govt. of West Bengal and Vidyasagar University
7	Committee for Post Graduate studies	Plan for academic development and examination system of Post Graduate studies
8	Library sub-committee	Purchasing subject wise books, journals and preservation of CD, books etc.
9	Sub-committee for E-tendering	E-tendering for purchase for the college
10	Sub- committee for IQAC	Coordination between all the sectors and preparation of plans for academic, social and cultural development.
11	Students fees concession and student aid fund	Tuition Fees concession and identification financially weaker students for financial assistance
12	Student Grievance Redresser	To analyze the causes of student grievances and find out the best solution process.
13	Women Grievance Redresser	To discuss the causes of grievances of the women and find out the best solution process.



14.	Research activities	Encouraging teachers to submit research proposal to UGC, DST, ICSSR, CSIR etc. and timely submission of reports.
15	Boys hostel sub-committee	Plan preparation for hostel admission, maintenance, food, water supply, electricity and to keep academic environment.
16	Girls hostel sub-committee	Plan preparation for completion of girls hostel
17	Pay fixation and Pay packet	To look after the proper submission of reports at Higher Education Department for pay fixation of newly appointed teachers and to help the accountant for online submission of salary bills of teaching and non teaching staffs.
18	Sub-committee for provident fund	Timely submission of reports at Govt. Treasury Office for provident fund of the retired employees.
19.	Sub-committee for Leave and Service book	Regular update of service book
20	Sub-committee for Anti-Ragging	Monitoring, campaigning against ragging and to discuss about the best solution if any case occur in this regard.
21	Scholarship and Stipend affairs	To look after the Scholarship and Stipend affairs of SC, ST and minorities.
22	Sub-committee for Right to Information	For giving information to Govt. and common people as per Right to Information Act
23	Career Counseling	Giving proper guidelines to the students for career development.
24	Sub-committee Alumni Association	Interaction between Present and Ex- students for the development of academic and cultural quality.
25	AISHE Sub-committee	Yearly updating of course, student, teaching and non-teaching staff to Higher Education council and UGC
26	Examination Sub-committee	Selection of supervisor for UG and PG examination, timely conducting internal assessment and to take decision on any item related to the examination.
27	Sub-committee Training section	To look after the B.ED and B.P.ED department for development of academic atmosphere.
28	Sub-committee for Job distribution	Job distribution of casual worker within the college.



6.1.5. Give details of the academic leadership provided to the faculty by the top management?

The authority of the institution takes initiative in academic leadership provided to the faculty are:

- a. Training the faculty members for the use of new teaching-learning technologies.
- b. Organizing Seminars in different departments sponsored by funding agencies like UGC, State Government etc.
- c. Encouraging the teachers for taking up Research Projects from UGC, DST or other funding agencies from time to time.
- d. Introducing technology aided teaching-learning methods and devices such as computers and internet, LCD projectors, interactive boards, virtual classrooms etc.
- e. Sanctioning 'On Duty Leave' to faculty members for attending academic Seminars/Conferences in specific/general subjects and presenting their research works.

6.1.6 How does the college groom leadership at various levels?

Within the present organizational structure, the Principal is the leader or head of the activities of the college, both Academic and Administrative. Principal invites suggestions and requests for assistance from the senior and junior faculty members as and when necessary. Decisions on academic matters are taken by Teachers' Council, and for other important areas like infrastructure, discipline and IQAC, UGC related matters, responsibilities are awarded to the experienced faculty members. The young faculty members are made to engage in managing N.S.S. units and other campus related matters. The college authority sends the administrative staff for relevant training to meet the day-to-day challenges of administration. The Heads of the Departments take up administrative responsibilities in committees and in conducting different programmes. The college has promising resource for leadership because its faculty is competent and committed. Students' Representatives are also incorporated into various committees like Canteen Committee, Grievance Redressed Committee, Hostel Committee, Disciplinary Committee, committees for sports and cultural affairs etc. in order to inculcate leadership qualities in them.



6.1.7 How does the college delegate authority and provide operational autonomy to the departments / units of the institution and work towards decentralized governance system?

The Head/Coordinator of each department is given freedom and responsibility for planning and implementation of the respective curriculum for teaching, paper/unit wise distribution of teaching loads (theoretical and practical classes), for conducting internal examinations. They are also entrusted with the future development plan both in academic and infrastructural aspects related to their departments. Department have the full authority to provide the list of instruments, reagents, consumables to the Purchase committee within the budget limit. In addition, they are entrusted with the give requisition for guest teachers as and when needed to the authority. They are also awarded the responsibilities to prepare proposals for UGC grants for instruments and seminars for their departments. In recent times, the efforts are made by the University to award partial autonomy to our college in the following areas:

- i. Academic autonomy at PG level
- ii. Autonomy for admission of students at PG level.

The operational autonomy is implemented through various statutory and non-statutory committees, such as:

- a) **Academic committee** – To plan for effective academic development.
- b) **Purchase Committee** – To plan for purchasing through proper process and appropriate materials for different departments and for the college as a whole.
- c) **Establishment committee**- To plan for infrastructural and development work
- d) **Disciplinary Committee**- To oversee and maintain the general discipline, to take care of any occasional hazards and problems involving students and to create an atmosphere of anti- ragging.
- e) **Research Committee** – To encourage and guide the faculty members for writing research proposals for obtaining grants.
- f) **IQAC**- To enhance the quality and take overall initiatives for developments of the institution.
- g) **Students' affair committee** – To look after various students' affairs like sports, culture, magazines and other things
- h) **Library committee** – To look after the development of the central Library.

6.1.8. Does the college promote a culture of participative management? If 'yes', indicate the levels of participative management.

The institution is indeed promoting a culture of participative management. The process is practiced through the various levels of committees and democratic participations, such as:

- a. Governing Body meetings
- b. Teachers' Council meetings



- c. Meetings with Students' union
- d. The meetings of several sub-committees
- e. Meetings at the department levels.

At the department level, Heads of the Departments are empowered to conduct meetings, the outcomes for future developments are then put forward to the Principal to be placed before different sub-committees for consideration. Co-curricular and extracurricular activities are coordinated by the faculty members of the departments with the assistance of the students and in consultation with the Principal.

6.2 Strategy Development and Deployment

6.2.1. Does the Institution have a formally stated quality policy? How is it developed, driven, deployed and reviewed?

Development of academic atmosphere at all levels is the prime objective of the institution. Various plans and programmes are designed in such a way that quality must be maintained in teaching-learning process. It involves plan for teaching, interactions with students, regular reviews of result patterns and taking remedial action at the individual and group levels. The Governing Body, Academic Sub-committee, IQAC, and the Teachers' Council regularly discuss the policy to improve and effective implementation of the teaching-learning process. All activities that are planned are reviewed by the participants (students/faculty), external members (Advisory, IQAC) to make that they are deployed in accordance with the stated quality policy.

6.2.2. Does the Institute have a perspective plan for development? If so, give the aspects considered for inclusion in the plan. Formally stated quality policy?

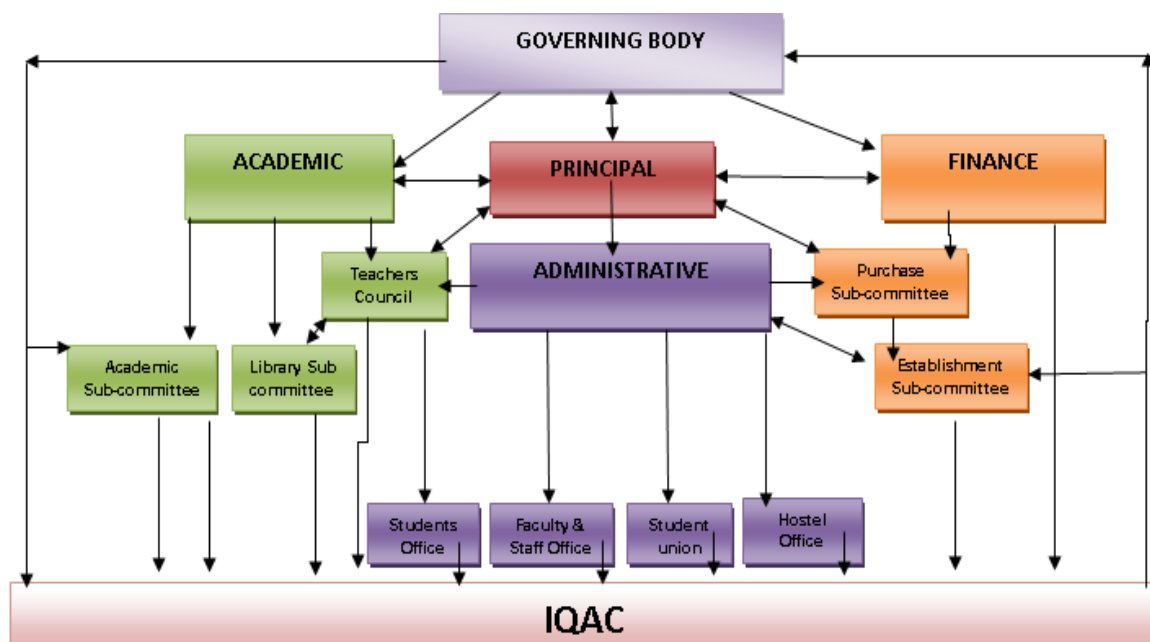
The college has a perspective plan for development worked out in 2013 and is prepared for next five years. The Perspective Plan includes:

- a. Improvement of physical infrastructure
- b. Career counselling for job opportunities and appropriate higher education.
- c. Arranging of campus interviews.

6.2.3. Describe the internal organizational structure and decision making processes.

The institution comprises of three segments: Students, Teachers and non-teaching staff members. Students are always encouraged to interact with the faculty members for any kind of problems they face. Their suggestions and grievances, if any, are forwarded by the departmental heads/ coordinators to the Principal. Students are also welcome to meet the Principal and the office members as and when necessary. As pointed out before, there are different sub-committees formed to discuss the matters relating to academics, infrastructure and other things. Proposals for improvements and new ideas are placed before the committees. After the thorough reviews of them in the

committee meetings, the final decisions are taken in order to carry out any action. Major decisions and planning are referred to the Governing Body, the highest decision making body for the college.



6.2.4. Give a broad description of the quality improvement strategies of the institution for each of the following.

a) Teaching & Learning:

Besides the traditional method of class room lectures, the college adopts the following:

1. Audio-visual system
2. Hard copy materials/ lecture notes for distribution
3. Field study
4. Class tests
5. Mock tests.
6. Internal seminars
7. Uploading free lecture notes and articles in web for students
8. Project works at the UG and PG levels
9. Focus on holistic education aimed at all round development of students, personality developments.
10. To encourage ICT enabled teaching and learning.
11. To arrange remedial classes for weak students.
12. Teaching plans & methodologies, Course files.
13. Subject allocation as per specialization of teachers.



14. Oral and formal feedback from students.
15. Well Stocked Library
16. Innovative practices in teaching in some cases. Arrangements of seminars, FDP, QIP, Peer teaching, task based learning, problem based learning are some of the techniques used.
17. ICT used to facilitate the teaching learning process.
18. Micro phone System for large class rooms.

b) Research & Development

1. Space arrangement and infrastructural support by the college authority for necessary for research works.
2. Encourage and motivate the faculty members to write proposals for research grants.
3. Application for DST-FIST program for laboratory and other developments. [Received Rs. 25 lacs for up gradation of instruments for the Department of Biotechnology by BOOST Program, WB DBT-DST.]
4. Establishment of Research Advisory Committee (RAC).
5. Inculcating the spirit of research among students through the discussion advanced topics, guiding the students for project works as per university curriculum in UG in different departments. PG Students are encouraged to go out to different national level research institutes and universities to conduct their project works of the final semester. Arrangements are done accordingly.
6. Five permanent teachers got Ph. D. degree during last five years. College provided necessary support for their research work. Eleven more permanent faculty members and the Librarian of the college have done their registration for Ph.D. degree in different universities. The college provides necessary duty leave and other support to these faculty members.
7. There are involvements of some of our teachers in guiding the Ph.D. scholars. Further, many other faculty members are also getting encouraged to put forward their applications to Vidyasgar University and elsewhere to be enlisted as research guides in basic and social sciences and humanities.
8. The College has a Research Advisory Committee (RAC) constituted with Principal as Convener and five faculty members from various departments as members. The purpose of RAC is twofold: (a) to track the schemes of various funding agencies such as UGC, DST, CSIR, DBT etc. and let the faculty members be aware of them, (b) to persuade and encourage them to write proposals for grants. Thus an attempt is made to maintain a research environment along with the effective teaching in higher levels.



c. Industry interaction

1. Industry visit and Industrial training programmes for the students of Commerce, Microbiology and Bio- technology.
2. Proposals are sent to the industries for regular interaction of academic-industry interface.
3. Organize Summer Internships camp.
4. Collaborations of some faculty members with different Universities/ Research Institutes.

6.2.5. How does the Head of the institution ensure that adequate information (from feedback and personal contacts etc.) is available for the top management and the stakeholders, to review the activities of the institution?

Principal is the secretary and ex-officio of the Governing Body (GB), the highest decision making body for the institution. Apart from this, the Principal is the chairperson of all the sub-committees that are constituted for smooth running of all the affairs of the college, from academic affairs to infrastructural facilities and developments. The principal is constantly updated about the state of affairs of the college through all the formal meetings of the sub-committees and also through one-to-one informal interactions with the members of them. Besides, through continuous interactions with the teachers and students, the Principal gets to know about various academic activities of the college that make him think of further developments of the college. Thus the Principal can take an active role in future planning and execution while making that endorsed through GB meetings.

6.2.6 How does the management encourage and support involvement of the staff in improving the effectiveness and efficiency of the institutional processes?

To evaluate the policies and plan of the institution, various committees are recommended by the Teachers' Council and approved by the GB. In the tenure (four years) of each Governing Body, the committees are formed as mentioned earlier. The faculty members are actively involved in such committees such as Academic Sub-committee, Establishment Sub-committee, Purchase Sub-committee, Finance Sub-committee and the committees for students and library affairs *etc.* These committees are responsible for effective planning and execution while the Principal assumes the lead role. The faculty members are actively involved in effective implementation of the curriculum, planning and safeguarding the interest of the students through various sub-committees that are mentioned and also through day to day departmental activities and regular meetings. Periodic meetings are convened by the conveners of the sub-committees under the chairmanship of Principal in order to review the progress and problems faced during the implementation of the plans.



6.2.7. Enumerate the resolutions made by the Management Council in the last year and the status of implementation of such resolutions.

Status report of the GB meetings/ GB Resolution and some explanations over it.

Date	Resolution No	Resolution taken	Status
22.11.2014	02	Rearrangement of IQAC Cell	Implemented
	3 B	Enhancement of salary of casual Hostel staff	Implemented
	3 D	Renewal of casual staff	Implemented
	4 A	On duty leave for Ph. D course work for faculty	Implemented
	4 D	Application for Hostel Renovation Grant to State Govt. and Sports Grant to UGC	Applied but not yet sanctioned
	4 E	Opening of M. Sc. in Biotechnology	Applied but not yet sanctioned
	4 F	Rearrangement of duty of the security	Implemented
	4 G	Implementation of CCTV and biometric machine	Yet to be Implemented
	4 I	Appointment of PG Dean/ Convener	Implemented
	4 J	Service confirmation of Teacher	Implemented
	4 K, L, M	Leave encashment, post filling permission after retirement of non-teaching staff	Implemented
	4 N,O	10/20years benefits of the non – teaching staff	Applied but not yet sanctioned
	4 R	Introduction of e-tendering system	Implemented
	4 S	House rent allowances hostel employee is to be paid as per Govt. rules	Implemented
	4 T	Service confirmation of the Principal	Implemented
	4 U	Opening of vocational course in Commerce department	Not Implemented
10.01.2015	Single agenda	Selection of President of 8 th Governing Body of the college	Implemented
20.02.2015	2	Change of bank operator	Implemented
	3	Formation of different sub-committee	Implemented
	4 A	Change of status of B.P.Ed. course from self finance course to Govt. Sponsored course	Implemented
	4 B	Approval for joining of three teaching and one librarian as recommended by WBCSC	Implemented



	4 E	Application to Higher Education Department for creation of new teaching post	Applied but not yet sanctioned
	4 F	Application to the University for opening PG in Microbiology and Biotechnology and UG (Honours) in Nutrition.	Applied but not yet sanctioned
29.07.2015	1 A to S	Proposal for Career Advancement of 19 faculty as per UGC norms	Implemented
	2 A to F	Application to DPI for revised pay of five Associate Professor as per Govt. order	Implemented
	3	Application to DPI for 10 / 20 years benefits of hostel staff as per Govt. order	Applied but not yet sanctioned
	4	Appointment of cashier	Implemented
	5 A to G	Joining of 6 teachers and one librarian is approved	Implemented
	6	Maternity leave of a faculty member is approved	Implemented
	7	14 days of CL and 10 days of ML for casual worker is approved	Implemented
	8	Change of status of B.P.Ed course from self finance course to Govt. Sponsored course	Implemented
	9	Application for extension of one year in FDP by a faculty is approved	Implemented
	10	Continuity of service and CAS benefit of three faculty member is approved by the Governing Body.	Applied but not yet sanctioned
	11	Service continuation of three faculty member is approved by the Governing Body.	Applied but not yet sanctioned
	12	Opening of Savings Bank Account for DBT fund.	Implemented
	13	Approval for participating of one faculty member in World Social Science Forum 2015 at Durban, South Africa.	Implemented
	14	Land purchase	On the process

6.2.8. Does the affiliating university make a provision for according the status of autonomy to an affiliated institution? If 'yes', what are the efforts made by the institution in obtaining autonomy?

The college has applied to the University for its Autonomy at the PG level. The efforts made by the University to promote autonomy are:

- i. Giving academic autonomy at PG level
- ii. Autonomy for admission of students at PG level



6.2.9 How does the Institution ensure that grievances / complaints are promptly attended to and resolved effectively? Is there a mechanism to analyze the nature of grievances for promoting better stakeholder relationship?

The college has its own Grievance Redressal Cell constituted by the Governing Body where all types of grievances from students and staff of the college are accepted and then those are discussed by the members of the cell. The outcomes of the meetings of Grievance redressal cells are placed before the Principal who takes the final decisions for taking appropriate measures with the consultations of HOD's of various departments and IQAC coordinator.

6.2.10. During the last four years, had there been any instances of court cases filed by and against the institute? Provide details on the issues and decisions of the courts on these?

N.A.

6.2.11. Does the Institution have a mechanism for analyzing student feedback on institutional performance? If 'yes', what was the outcome and response of the institution to such an effort?

The college has proposed and developed different methods to collect and analyze students' feedback regarding their benefit and institutional performance. Primary feedback is received continuously through direct interactions between the students and teachers. Formal feedback is collected through printed questionnaire and online submissions. Besides, the feedback through Grievance Redressal cell is also accounted for. The feedback thus gathered and analyzed it periodically for taking the appropriate action wherever required. There has been an attempt to make statistical analysis on the feedback received from the students regarding the effective communication and learning of them and their evaluation on the teachers and teaching materials. The outcomes of the analysis help to take measures and to form more effective policies.

6.3 Faculty Empowerment Strategies

6.3.1. What are the efforts made by the institution to enhance the professional development of its teaching and non teaching staff?

Development of teaching staff:

- a) Release the teaching staff from their scheduled duties of the college to attend the UGC sponsored Orientation and Refresher Courses.
- b) To encourage and facilitate the faculty members for presenting their research works at the National or International seminars and workshops.



- c) To help the departments and the teachers to organize workshops in the college campus on frontline areas.
- d) Encourage the faculty to join FIP scheme if they require it.
- e) Motivate teachers to acquire higher/additional qualifications such as Ph.D, diploma and certificate programs.
- f) To motivate teachers to write proposals for obtaining research grants.

Development of support staff:

- i. Computer training for the staff.
- ii. Additional academic facility through Netaji Subhas Open University study centre.
- iii. Regular orientation programs held for the support staff in laboratories and in central library.
- iv. Orientation programs for the administrative support staff.

6.3.2. What are the strategies adopted by the institution for faculty empowerment through training, retraining and motivating the employees for the roles and responsibility they perform?

The college authority evaluates the faculty member under the following categories:

- a) Teaching, Learning & Evaluation related Strategies;
- b) Co-Curricular, Extension and Professional Development Activities
- c) Research and developmental work

The college administration collects regular feedback on the performance of the faculty members. Through Research Committee and IQAC performance appraisal of the staff is carried out on a regular basis with the help of ‘Academic Performance Index’ (API) format as is devised by the UGC and adopted by the State Government. In the API format, in addition to teaching, information on all the activities assigned to each faculty is objectively evaluated and scores are awarded to eventually arrive at the final scores. The following are the criteria assessed in the API format:

- a) Teaching, tutorials, and evaluation work done
- b) Reference/Study materials provided to the students
- c) Participation of the individual teacher in the Co-Curricular activities of the college.
- d) Research, Publications and other Academic contributions



6.3.3. Provide details on the performance appraisal system of the staff to evaluate and ensure that information on multiple activities is appropriately captured and considered for better appraisal.

The performance appraisal of the staff of the college is evaluated through the following processes:

- a) Evaluation of teaching-learning process
- b) Participation in administrative works
- c) Involvement in students' affairs
- d) Participation in extension service
- e) Other extracurricular activities

The Principal reviews the performance at a personal meeting and encourage, and to point out the strengths and weaknesses of the faculty for further improvement.

6.3.4. What is the outcome of the review of the performance appraisal reports by the management and the major decisions taken? How are they communicated to the appropriate stake holders?

The performance appraisal is done by a three member committee chaired by the Principal of the college, Government nominee and subject expert for their comments before being forwarded to the final authority on the matter. The API ratings are taken into account in the promotions and placements of individual teacher.

6.3.5 What are the welfare schemes available for teaching and non teaching staff? What percentage of staff have availed the benefit of such schemes in the last four years?

The college authority offered various welfare measures for the benefit of the teaching and non-teaching staff:

- a) Provision for leave for completing studies, especially while working for Ph. D.
- b) To sanction long leave for those who are awarded fellowships by governmental agencies, or short assignments abroad.
- c) Recommending provisions in the event of dying in harness as per State Government Rules.

The welfare schemes available for teaching and non teaching staff of the college are:



Teaching	1) Employees' Co-operative Credit Society Ltd. 2) Teachers' Council Emergency Fund to serve the teachers in emergency situations
Non teaching	1) Employees Co-operative Credit Society Ltd. 2) Non-teaching Staff Welfare Fund

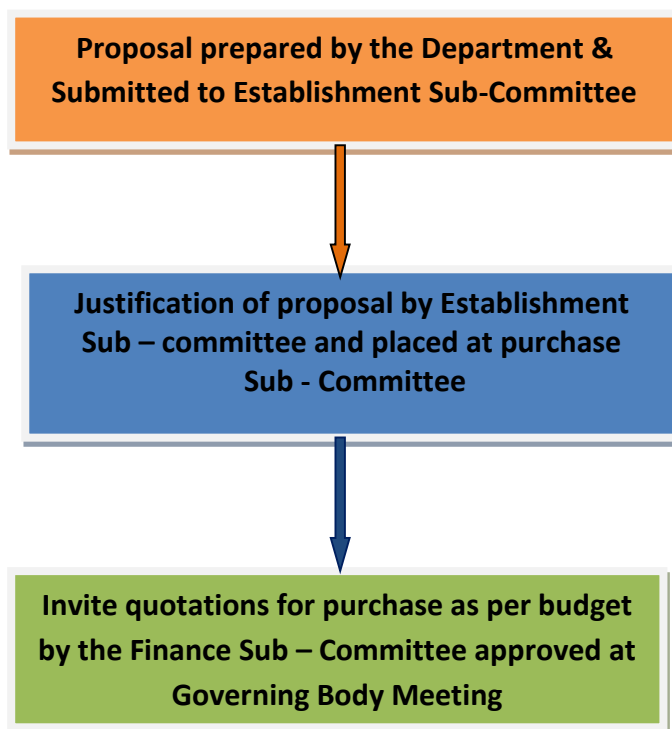
6.3.6. What are the measures taken by the Institution for attracting and retaining eminent faculty?

As the college is a State Government aided college, all the appointment are made through West Bengal College Service Commission with the financial concurrence of the Department of Finance, Govt. of West Bengal and UGC. Keeping view of the large number of students, the Governing Body has decided to appoint guest faculty in various department. Besides it, to increase the quality of teaching-learning programme at both UG and PG level, Principal invites the eminent Professors from various universities and research institutes in consultation with the concern Head / Coordinators of the Department. It is a regular practice to develop the academic performance of the college for the benefit of the students.

6.4. Financial Management and Resource Mobilization

6.4.1. What is the institutional mechanism to monitor effective and efficient use of available financial resources?

The Finance Committee constituted by Governing Body is the important unit of the college where members take major financial decisions as per Govt. rules and prepare an annual budget for both academic and infrastructural developments. There are two kinds of Government budgetary allocations viz., Plan and Non Plan. The UGC developmental grants are allotted based on the Proposals submitted by the college during each five-year plan. The plans and proposals are prepared by the members of the Finance Committee in consultation with Bursar, Accountant and senior faculty members keeping view of the UGC norms. The committee considers the long-term development plans of the institution in areas such as academic, infrastructure, equipments and books. The Principal is entrusted to utilize the amount for the approved item based on the purchase/construction rules and parameters as laid down by the State Government/UGC from time to time. Principal is the sole authority to utilized the whole financial matter and submit the audited utilization certificates. The role of UGC sub-committee is noteworthy in this respect.



6.4.2. What are the institutional mechanisms for internal and external audit? When was the last audit done and what are the major audit objections? Provide the details on compliance.

The institutional mechanisms for internal and external audit

Administrative	Internal	<ol style="list-style-type: none"> 1. IQAC 2. Governing Body 3. Accountant appointed by the college authority
	State Govt.	<ol style="list-style-type: none"> 1. From Education Directorate Bikash Bhawan, Salt Lake 2. From Accountant General Officer

The internal and statutory audit of the college by the Education Directorate, Bikash Bhawan, Salt lake has been completed for the year 11-12, 12-13, 13-14, on August 2012, May 2015, December 2015 respectively. The internal and statutory report of year 2014-15 has started and will be finished within two months period. There is no significant adverse report in the audit report.



6.4.3. What are the major sources of institutional receipts/funding and how is the deficit managed? Provide audited income and expenditure statement of academic and administrative activities of the previous four years and the reserve fund/corpus available with Institutions, if any.

Summary of the audited Income-expenditure statement of the last 4 years is given below.

Sl.No.	Source	2011-12 (in Rs.)	2012-13 (in Rs.)	2013-14 (in Rs.)	2014-15 (in Rs.)
A	UGC ASSISTANCE				
1	Additional Grant Equipments	880800.00	1250000.00		
2	Building Grant (1st Floor Kitchen & Boys Hostel)	500000.00			
3	Golden Jubilee Building Grant	1250000.00			
4	Indoor Sports Hall	3500000.00			
5	NRC - UGC	10000.00			
6	Seminar Grant	555000.00			104000.00
7	Field Work Ext & Equal Opportunity Centre		37500.00		186930.00
8	Minor Research Project		263580.00	48700.00	1242100.00
9	Remedial Recurring Grant		125000.00		
10	UGC Book grant			137500.00	190220.00
11	Laboratory Grant				282500.00
12	SERB Grant (Dr. A.M. Panja)			1660000.00	830000.00
13	FDP Grant (Sri K.K. Bera)			15000.00	775037.00
14	IQAC Grant				300000.00
	TOTAL	6695800.00	1676080.00	1861200.00	6410787.00
B	STATE GOVERNMENT				
1	Pay Packet (TS & NTS)	37476813.00	25181853.00	45306373.00	44594967.00
2	Pay Packet (PTT)	7075000.00	7805589.00	10204820.00	7194972.00
3	Pay Packet (CWTT)	4108800.00	4037467.00	4816101.00	3816960.00
4	Pay Packet (Hostel Employees)	781545.00	859337.00	924433.00	236109.00
5	Deputation Allowances for B.Ed.	2420202.00	0.00	0.00	0.00
6	SAAC Grant		900000.00		
7	Infrastructure Grant			1000000.00	



8	C.M. Sports Grant				10000.00
9	Bio-diversity Grant (Dr. Tapan Kr. Dutta)			100000.00	192500.00
10	BOOST – DBT (Dr. N. Bhattacharyya)				2500000.00
11	Major Research (Dr. N. Bhattacharyya)			3798800.00	
	TOTAL	51862360.00	38784246.00	66150527.00	58545508.00
C	STUDENTS				
1	Tuition Fees	5105837.00	5319295.00	2510417.00	3833261.00
2	Admission Fees	509450.00	506200.00	757200.00	1225000.00
3	Laboratory Fees	4989809.00	3414968.00	8347776.00	8538007.00
4	Registration Fees	195750.00	205880.00	234920.00	167160.00
	TOTAL	10800846.00	9446343.00	11850313.00	13763428.00

6.5 Internal Quality Assurance System (IQAS)

6.5.1 Internal Quality Assurance Cell (IQAC)

A. Has the institution established an Internal Quality Assurance Cell (IQAC)? If 'yes', what is the institutional policy with regard to quality assurance and how has it contributed in institutionalizing the quality assurance processes?

Yes, the institution established an Internal Quality Assurance Cell (IQAC). IQAC have contributed positively in policy making and quality assurance processes in the following manner:

a). POLICY FOR ACADEMIC UPLIFTMENT:

1. Curriculum Development:

Institution follows the curriculum prescribed by Vidyasagar University at both UG and PG levels using various ideas and techniques along with the traditional methods and one-to-one interactions with the students. At the time of revision of syllabus our faculty members put forward suggestions and new ideas keeping in mind the growth of the subject, the demands of the society and the industry. Besides, the IQAC has advised the committee for academic affairs and Teacher's council to take the following internal measures to implement the curriculum effectively:

- a) Additional course materials are given to the students.
- b) Introduction of course files system.
- c) Theme based class seminars.
- d) Board of Studies (BOS) Meetings are held every year in the University. Our teachers, who are the members of various BOS's, put forward their suggestions and ideas. These suggestions are in most occasions accepted by the university and are incorporated in the development of the curriculum.



2. Teaching and Learning:

Besides the traditional method of class room lectures, the college adopts the following:

- Audio-visual system
- Hard copy materials/ lecture notes for distribution
- Field study
- Class tests
- Mock tests.
- Internal seminars
- Uploading free lecture notes and articles in web for students
- Project works at the UG and PG levels
- Focus on holistic education aimed at all round development of students, personality developments.
- To encourage ICT enabled teaching and learning.
- To arrange remedial classes for weak students.
- Teaching plans & methodologies, Course files.
- Subject allocation as per specialization of teachers.
- Oral and formal feedback from students.
- Upgrading the Library as per the needs of the subjects and demands from the students.
- Innovative practices in teaching in some cases. Arrangements of seminars, FDP, QIP. Peer teaching, task based learning, problem based learning are some of the techniques used.
- ICT used to facilitate the teaching learning process.
- Micro phone System for large class rooms.
- Innovative practices in teaching, seminars, and task based and problem based learning.

3. Development of Library:

- Increase copies and titles of the printed books,
- Procuring and arranging Journals, e-Journals and e-books.
- Reading area improvement.
- Facilities for watching educational CDs and materials in computers
- Access to Newspapers and periodicals in the library.
- Suggestions of the Library Committee in consultation with IQAC are forwarded to the other statutory sub-committees for taking appropriate actions.
- Preparation of list of books based on the interaction with the students and faculty members.



4. Infrastructure development:

IQAC plays active roles in infrastructural developments. Suggestions from IQAC are taken into account and actions are taken accordingly.

Suggestions from IQAC include:

- a. Development of new laboratories, classrooms and other facilities for PG courses.
- b. Up gradation of UG Laboratories.
- c. Due to the addition of new courses, there are more demands for classrooms. The IQAC has thus proposed to construct buildings for more class rooms and laboratories.
- d. Proposal for Library up gradation with internet connectivity, printing, photocopy and power back up facilities.
- e. All departments must be provided with computers, internet, laptops, printers, LCD projectors, digital and video cameras.
- f. Proposal for 24 x 7 Internet with Wi-Fi
- g. To establish a modern language Laboratory
- h. Several ICT enabled classrooms
- i. Installation of adequate software and computational facilities to meet the needs of a growing institutional demand
- j. To increase audio-visual and research rooms in order to facilitate the teaching learning process.
- k. Renovation of General Faculty room for regular meeting and other programmes.
- l. Departmental faculty room for interaction with the students.
- m. Proposal for well equipped computer laboratory for general and special courses (e.g., for Geographical Information System).
- n. To increase facilities for Boys and Girls common rooms.
- o. To increase number of toilets for boys and girl students.
- p. Establishment of new Seminar room, renovation of the existing seminar room and renovation of old general auditorium.
- q. Renovation of Students' hostel, common room and students' canteen.
- r. Upgrading Banking facilities within campus.

5. Sports development:

The IQAC has proposed several sports facilities like:

- a. Development of Gymnasium Hall,
- b. Leveling and planting of grass on Play grounds,
- c. More Sports facilities and accessories to be available to students of all departments.



- d. Procuring more sports accessories like Badminton kits, cricket kit, TT kit, volleyball, football, etc. at the sports hall.
- e. Completion of new Gymnasium Hall.
- f. Proposal for renovation of swimming pool.

6. Research and Development:

- Space arrangement and infrastructural support by the college authority necessary for research works.
- Encourage and motivate the faculty members to write proposals for research grants.
- Application for DST-FIST program for laboratory and other developments. [Received Rs. 25 lacs for up gradation of instruments for the Department of Biotechnology by BOOST Program, WB DBT.]
- Establishment of Research Advisory Committee (RAC).
- Inculcating the spirit of research among students through the discussion advanced topics, guiding the students for project works as per university curriculum in UG in different departments. PG Students are encouraged to go out to different national level research institutes and universities to conduct their project works of the final semester. Arrangements are done accordingly.
- There are involvements of some of our teachers in guiding the Ph.D. scholars. Further, many other faculty members are also getting encouraged to put forward their applications to Vidyasgar University and elsewhere to be enlisted as research guides in basic and social sciences and humanities.
- IQAC keeps track of the activities of Research Advisory Committee (RAC). It encourages teachers to write proposals for grants and do high quality research works.

b). POLICY FOR ADMINISTRATIVE UPLIFTMENT:

To improve the internal student and other administrative system, the IQAC has proposed several schemes as the following:

For students

- a. Compulsory student attendance (more than 75%) for sitting in both internal assessment and university examination.
- b. Anti-ragging campaigning within the campus.
- c. Women grievance redressal cell to take care of anti sexual harassment complin.

**For faculty and support staff**

- a. Assurance of regular class teaching and involvement in other academic works of the department.
- b. Regular interaction of Departmental Heads / Coordinators with Principal and periodical meeting with faculty members regarding departmental affairs.
- c. Improve database management system of the college by the support staff.

c). POLICY FOR ENVIRONMENTAL UPLIFTMENT:

- a. Encourage the students to improve the internal and surrounding environment through plantation by NSS unit.
- b. Seasonal gardening for beautification.
- c. Proposal for waste bin set up at different corner of the campus.
- d. Campaigning for making the campus green and plastic free.

B. How many decisions of the IQAC have been approved by the management/authorities for implementation and how many of them were actually implemented?**1. Many Decisions of the IQAC have been appreciated and approved by the management:**

- a) New laboratories have been developed for PG courses.
- b) Space allocation and infrastructural support by the college authority for research works/labs.
- c) Proposal accepted for the renovation of Toilet, Students' hostel and canteen.
- d) Proposals for constructing new buildings for class rooms and laboratories and new Toilet Block.
- e) 24X7 Internet facility
- f) Separate staff room for each department
- g) ICT enabled class room
- h) Upgradation of Library
- i) To extend the facility of Language laboratory to different departments
- j) To set up Research laboratory
- k) To apply for DST and UGC fund
- l) To upgrade computer facility
- m) Upgrading Banking facilities within campus.
- n) Regular maintenance works
- o) Construction of new pavement to AJC Bhavan and reconstruction of existing pavements
- p) Proposal for Land purchase



2. Decisions of the IQAC have been implemented by the management:

- a) Up gradation of PG laboratories and increase of instruments in the UG laboratories
- b) Lavatories for boys and girl students have been completed.
- c) 24 x 7 Internet, Wi-Fi installed in all the department for student uses
- d) All departments have faculty room for interaction with the students.
- e) Completion of Golden Jubilee Building for PG classes.
- f) Several general class room has been converted ICT enabled classrooms
- g) Library up gradation with internet connectivity, printing, photocopy facilities are already started.
- h) Development of modern Language laboratory.
- i) Implementation of course file for improving teaching-learning process
- j) Arrangement of space and infrastructure for research works.
- k) Installation of computer laboratories with modern software.
- l) Grants already received from DST and UGC and these are now utilizing as per guidance of the disbursing agencies.

C. Does the IQAC have external members on its committee? If so, mention any significant contribution made by them.

The external members of IQAC proposed several ideas for academic and administrative development of the college are:

- a) Proposal of Industrial training of the students
- b) Engagement in social work
- c) Community development programme

D. How do students and alumni contribute to the effective functioning of the IQAC?

Students contribution to the functioning of the IQAC

- a) Direct involvement in feedback system
- b) Participation in making clean environment
- c) Participation in anti-ragging campaigning
- d) Regular involvement in various social programmes
- e) Direct involvement in disciplinary committee

Alumni contribution to the functioning of the IQAC

- a) Periodical meetings held in the college campus to discuss various aspects and problems of the college.
- b) Alumni directly organized various academic and social programme in the department concerned like publication of journals and blood donation camp etc.



E. How does the IQAC communicate and engage staff from different constituents of the institution?

The policy framed by the IQAC with regard to enhancement of academic as well as administrative quality of the college is communicated to its staff through the Heads of various departments of the college, and directions are given for implementing the rules framed. Feedback is taken from different segments in different formats. The implementations of such quality measures are being monitored by IQAC and ultimately forwarded to the Governing body through Principal of the college.

6.5.2 Does the institution have an integrated framework for Quality assurance of the academic and administrative activities? If 'yes', give details on its operationalisation.

Yes, the institution has an integrated framework for quality assurance of the academic and administrative activities. The IQAC conceptualized and operationalized the integrated framework for quality assurance of the academic and administrative activities of the institution based on the policy framed by the college.

The IQAC framed the system at four levels –

1) Integrated Teacher-Student Programme:

- a) Besides classroom study, regular out house project preparation.
- b) Field based study
- c) Problem based analysis and seminars

2) Parents- Teachers meet:

The meeting between parents and teachers take place in the departments on a regular basis to discuss the academic progressions of their wards.

3) Alumni – Administration meeting:

Alumni Meet was organized by some departments inside the college campus where the former students to discuss challenges and opportunities for the future generations coming to the college.

4) Administration- Support Staff Integration:

For the management of the students' affairs, for record keeping, data management, fees collection and managing the examination procedures, IQAC helps the support staff by organizing periodic orientation programmes. The IQAC conceptualizes the framework, identifies the weakness, opportunities and challenges for the development of the institution and discuss all that with the faculty members. On the basis of the discussions, the IQAC prepared the "Action Plan" for quality assurance, the outline of which are:



- a. Implementation of action plans,
- b. Accountabilities of the respective sub-committees that is responsible for implementation.
- c. Reporting the progress made on each of the action plans.

6.5.3 Does the institution provide training to its staff or effective implementation of the Quality assurance procedures? If 'yes', give details enumerating its impact.

Yes, the institution does provide training to its staff in the effective implementation of Quality assurance procedures. The following are the most recent trainings and their impact:

- a. ***Periodical Seminar for Faculty Development:*** Seminars on recent developments regarding teaching learning system by inviting eminent academicians.
- b. ***Training Programme for Support Staff:*** IQAC helps the support staff by organizing regular up gradation programmes for the management of students' affairs, admission and examination related matters and other things.
- c. ***Department-wise annual meeting*** to discuss the following items:
 - i. Teaching-Learning progression
 - ii. Evaluation system
 - iii. Extension programme
 - iv. Student support
 - v. Reviewing of the policies
 - vi. Extracurricular activities of the students

6.5.4 Does the institution undertake Academic Auditor of the external review of the academic provisions? If 'yes', how are the outcomes used to improve the institutional activities?

Yes, the regular academic audit is conducted by the Vidyasagar University through the discussion of results. The Higher Education Department of State Government does audit the online admission system and academic progression. Besides, University conducts regular academic quality assessment by its Inspector of Colleges. During the last four years several visits of the University and Higher Education Department Govt. of W.B. were held for academic assessment. After satisfactory assessment our college was allowed to start PG courses in five subjects and to introduce Work Education as a method paper in B.Ed. course. NCTE also visited our college campus and after satisfactory inspection they have allowed us to start M.P.Ed. course from April, 2015.

6.5.5 How is the internal quality assurance mechanisms aligned with the requirements of the relevant external quality assurance agencies/regulatory authorities?



As per NAAC manual for self study report, the IQAC and college administration both assured the improvement of the internal quality of the college to ensure higher education and procedures with this statutory external quality assurance at the national level.

6.5.6 What institutional mechanisms are in place to continuously review the teaching learning process? Give details of its structure, methodologies of operations and outcome?

The regular mechanism is maintained to carry out continuous review of teaching, learning process by the Principal through frequent meetings with the heads of the various departments. The various norms laid down by the State government on quality front are also communicated to the heads for implementation. The details of structure, methodologies of operations are implemented as follows:

Level	Methods	Recommendations
Departmental	Periodical meetings	Plan and review of departmental activities for teaching-learning at UG level.
	Fresher's Orientation	Newly admitted students are informed about the course file
	End semester Meeting	Review the PG level syllabus and result
	Internal Assessment	Transparency in internal assessment system
	Training	NET, SET and CSIR coaching for PG III & IV semester
	Remedial	Remedial classes for slow learners at UG level
Institutional	Academic Sub-committee Meeting	Yearly minimum 3 meetings for reviewing result to identify the weakness and strength of the department.
	Fresher's Orientation Programme organized by Students' Union	Newly admitted students are made familiar with the facilities available in the college and other activities including NSS
	Teachers Council meeting	Planning and reviewing of teaching-learning process such as tutorials, career counseling internal tests and students feedback
	Governing Body Meeting	Plan for academic, infrastructural improvement and administrative development



6.5.7 How does the institution communicate its quality assurance policies, mechanisms and outcomes to the various internal and external stake holders?

The college communicates its quality assurance policies, mechanisms and outcomes to the various internal and external stakeholders like students, parents, alumni and other persons as follows:

- a. Notification through college website.
- b. Publication of detail information in college prospectus.
- c. Meetings of the governing body.
- d. General meeting of the alumni association.
- e. Meetings with the local administration as and when required.

CRITERION –VII

INNOVATIONS AND BEST PRACTICES



7.1 Environment Consciousness

7.1.1 Does the Institute conduct a Green Audit of its campus and facilities?

Although no official Green Audit has been done but it goes without saying that the campus is like a lung for the neighboring locality. Yes, the college has conducted environmental/green audit of its campus and facilities. The environmental audit of the campus has been carried out as per the government guidelines by the Department of Botany. They have completely surveyed the flora and fauna of the campus, and named and numbered the plants and trees.

Scientific name	FAMILY	Local Name (Bengali)	Total No. of Plant
<i>Acacia auriculiformis</i> <i>A. Cunn. ex Benth.</i>	Fabaceae	Akashmoni	45
<i>Psidium guajava</i> L.	Myrtaceae	Piyara	9
<i>Tectonagrandis</i> Linn. f.	Verbenaceae	Segun	4
<i>Mangifera indica</i> L.	Anacardiaceae	Am	13
<i>Artocarpus heterophyllus</i> Lam	Moraceae	Kathal	2
<i>Ficus religiosa</i> Forssk.	Moraceae	Aswatha	12
<i>Ficus benghalensis</i> L.	Moraceae	Bata	5
<i>Dalbergia sissoo</i> Roxb.	Fabaceae	Sisoo	7
<i>Cassia erecta</i> Willd. ex Steud	Fabaceae		1
<i>Eucalyptus citriodora</i> Hook.	Myrtaceae	Eucalyptus	18
<i>Melaleuca viminalis</i> (Sol. ex Gaertn.) Byrnes	Myrtaceae	Bottle brush	2
<i>Terminalia catappa</i> L.	Combretaceae	Kath badam	4
<i>Alstonia scholaris</i> R. Br.	Apocynaceae	Chhatim	10
<i>Azadirachta indica</i> A. Juss.	Meliaceae	Neem	23
<i>Limonia acidissima</i> Linn.	Rutaceae	Kath bel	1
<i>Aegle marmelos</i> Corr. Ex Roxb.	Rutaceae	Bel	1
<i>Polyalthia longifolia</i> Sonn.	Annonaceae	Devdaru	13
<i>Bombax ceiba</i> Linn.	Bombacaceae	Shimul	3
<i>Caesalpinia pulcherrima</i> (L.) Sw.	Fabaceae	Krishnachura	5
<i>Peltophorum pterocarpum</i> (DC.) K. Heyne	Fabaceae	Radhachura	4
<i>Michelia champaca</i> L.	Magnoliaceae	Swaranachapa	1
<i>Terminalia bellirica</i> (Gaertn.) Roxb.	Combretaceae	Bahera	2
<i>Emblica officinalis</i> Gaertn.	Euphorbiaceae	Amlaki	1



<i>Anthocephalluscadamba (Roxb.) Bosser</i>	Rubiaceae	Kadam	9
<i>Swieteniamacrophylla King.</i>	Meliaceae	Mehegoni	7
<i>Butea monosperma (Lam.) Taub.</i>	Fabaceae	Palash	1
<i>Spathodeacampanulata P. Beauv.</i>	Bignoniaceae	Rudrapalash	3
<i>Mimusopselengi L.</i>	Sapotaceae	Bokul	10
<i>Lagerstroemia speciosa (L) Pers.</i>	Lythraceae	Jarul	21
<i>Cinnamomumtamala (Buch.-Ham.) T. Nees & C.H. Eberm.</i>	Lauraceae	Tewj	2
<i>Syzygiumcumini (L.) Skeels.</i>	Myrtaceae	Jam	2
<i>Albizialebeck (L.) Benth.</i>	Fabaceae	Sirish	2
		Jhumkasiris	4
<i>Casuarina equisetifolia L.</i>	Casuarinaceae	Jhau	5
<i>Ficusglomerata Roxb.</i>	Moraceae	Jagdumur	1

Besides this Department of Botany maintains an herbal garden containing more than 40 medicinal plants which is being used by researcher for their research work as well as by the students for identifications.

7.1.2 What are the initiatives taken by the college to make the campus eco-friendly?

- **Energy conservation**

Students and staff are briefed about the importance of energy conservation. Lights and fans, motors and generators are kept switched off when not required. A state of the art electrical control switching system have been installed which enables the easy switching off the power to a class room when not in use. Air-conditioners are used only at essential places. We have decided to replace all the fluorescent and other lighting devices by the modern day power saving LED light bulbs and devices.

- **Use of renewable energy**

Recently we have initiated a project for solar street lamp in the campus. Also, a plan is on to install Solar panels on the roof tops of some buildings.

- **Water harvesting**

Recently we sought help from *Indian Oil Corporation (IOC)* for installing the Rain water harvesting technology and pure drinking water technology. They have consented to sponsor the projects and have agreed to construct these two systems together in the campus by March 2017.

- **Check dam construction**

Not applicable



- **Efforts for Carbon neutrality**

There is no large-scale combustion of coal or any carbon compounds on a regular basis in the college campus. This has helped the college to maintain the carbon neutrality norms.

The entry of polluting vehicles is highly restricted inside the campus. Green power electrical silent generators have been installed inside the campus for our need and those do not violate the norms of carbon neutrality. We have taken an initiative to completely abolish the burning of coal and kerosene oil and introduce the use of gas cylinders in different departments and at the Boys' hostel. 'Indane' Company has approved our effort for regular supplies of gas cylinders for our purpose.

- **Plantation**

The College NSS Units have been taking effort of plantation of trees and flower plants inside the college campus. The Department of Botany maintains a small botanical garden with the involvement of the students and as well as faculty members of this department in collaboration with N.S.S. units. More than 40 species of medicinal plants are housed in this garden. All the plants in the campus are identified and marked.

- **Hazardous waste management**

The biological microbial cultures are decontaminated by autoclaving so as to prevent any sort of infection. The acid vapours and other gaseous emissions are expelled from the labs using large exhaust fans to protect the lab equipment and also the students. In addition, Department of chemistry has a fume hood.

- **e-waste management**

It is made clear that no e-waste is disposed randomly.

Mostly the old computers etc. which are still in workable condition are given to needy people eager to use them. The lead batteries are returned to the Company once defunct



7.2 Innovations

7.2.1 Give details of innovations introduced during the last four years which have created a positive impact on the functioning of the college.

- a) Introduction of ICT enabled Classrooms have helped the teaching-learning process to come out of the stereotyped chalk and talk method to a much more lively multimedia presentation.
- b) Completely computerized Library catalogue has made the library issue section much more efficient, flawless and quicker.
- c) Frequent Seminars and workshops expose students to recent findings in research and provide a golden opportunity to the students to interact with eminent scientists, academicians and people from the industries
- d) Project Grants, from UGC, DST-FIST, DBT, UGC-DAE, CSIR etc. have enhanced the path for extensive research and better laboratory infrastructure.
- e) Introduction of PG Course in Physics, Mathematics, History, Geography, and Mathematics has opened up one more links towards expansion in the zone higher education. We also have got the permission to open M.P.Ed. from next academic session.
- f) The NPTEL, MITOCW, J-stage, DOAJ, PubMed, etc. e-contents provide a rich resource for study materials, Journal, Books for regular classes and research.

7.3 Best Practices

7.3.1 Elaborate on any two best practices in the given form at page no.98, which have contributed to the achievement of the Institutional Objectives and/or contributed to the Quality improvement of the core activities of the college.

A. The Best Practices - I

1). Title of the Practice:

'A parallel Research wing along with curricular academics'

2). Goal:

The institution feels that it is necessary to pursue research along with the regular curriculum to create a deep-rooted academic ambience. The main reason behind it is the common observation that a fixed curriculum with minor changes often leads to stereotyped teaching-learning process. Whereas, research brings about creativity and exploration along newer avenues. For the faculty, research helps them to get greater grasp over the subject and opens the windows to explore



the recent findings in the field of science. For the students this offers a glimpse beyond the walls of curriculum. The taste of a few drops trickling down from the research world will motivate them to pursue higher studies and research in Pure Science in future. This is vital for the nation since the students engaged in serious research work in pure science should increase and complement the growth in Technology.

3). The Context:

At one point of time, the Institution felt that it possesses many faculty members with hidden research potential. Upon being encouraged several faculty members started pursuing research. Later on with the availability of grants from the Government, the laboratory infrastructure and instrumental facility enhanced. Therefore, more and more scopes for research enabled growth along this line.

4). Challenges:

Research demands a sophisticated infrastructure with expensive instruments and chemicals. For this the institute has to be financially equipped. But receiving research grants at the college level is not at all easy. Hence, in spite of talents, efforts and interests funds pose a threat towards the future of research in the college. However, recently, we have received two grants-one from Department of West Bengal Department of Biotechnology (25 lacs) and from DST-FIST (80 lacs for science departments) to develop the infrastructure.

5). The Practices

Research started in the Institution about 10 years back. Some features of research activities and its consequences are given below:

- a) Every Department is being encouraged by the RAC to submit minor research projects to UGC.
- b) The Department of Chemistry and the Department of Biotechnology have major research projects.
- c) In last five years 5 teachers have got PhD degree and 7 more teachers are enrolled for their doctoral degree.
- d) In total 12 Research scholars are working for their Doctoral thesis in the college in the Department of Biotechnology, Chemistry, Mathematics, B. P. Ed, and Bengali.
- e) Till now 8 scholars have completed their Ph. D. research work from the college.



- f) The thrust areas in major Research Projects are Material chemistry and coordination chemistry, Inorganic and bioinorganic chemistry, Natural Products, lokasahitya, DNA repair and cancer, Microbiology etc.
- g) Most of the research projects are funded by UGC, DST, CSIR, UGC-DAE etc.
- h) The college has a well-equipped laboratory infrastructure for research. A rich collection of sophisticated instruments including UV-VIS& IR Spectrophotometers, Fluorometer, Freeze Dryer, Geldoc, -80°C deep freezer, -20°C deep freezer, Fluorescence inverted microscope, CO2 incubator, Elisa reader, Electrochemical Workstation, Digital Conductimeter bridge, Digital Ultrasonic bath, are being used.
- i) Although the research part is at early stage, yet some important consequences are:
- j) The college has turned out to be an important centre for research. The publications prove the quality of research.
- k) Some of our faculty members have patent over their research outcomes. For e.g. Our principal has applied for three Indian patents, has also Gene accession number at his disposal.
- l) Research scholars from other reputed Institutes come to our research labs for summer projects or for using our instrumental facility.
- m) Several collaborative research schemes are active with other Research Institutes.
- n) Retention of many faculty members with research aptitude has been possible by this well-established research facility in the college.
- o) The college is self-sufficient to carry on PG project works at the college itself with the support of the Research Labs.
- p) Unlike typical Research Institutes, the Research scholars get a chance to guide the UG and PG practical classes which gives them a teaching experience.

In this way the institution is achieving the target of an interactive research wing for creative academics and enriched UG-PG courses.

6). Problems Encountered and Resources Required:

- The main crisis felt in the field of research is the financial crunch. With exorbitantly expensive instruments, chemicals and



reagents the smooth and unhindered research work at college level at times comes into question.

7). Notes

The long tradition of research in the college has given the institution confidence and glory. In spite of regular UG and PG courses the faculty members engage themselves in research work to increase the perimeter of their knowledge and to bring the students into the light of the ever-expanding arena of science.

8). Contact Details

Name of the Principal: Prof. (Dr.) Nandan Bhattacharyya
Name of the Institution: Panskura Banamali College, Panskura
R.S., PIN - 721152, Purba Medinipur, West Bengal, INDIA
Work Phone: 03228 252222
Website: www.panskura banamalicollege.org
E-mail: principal.pbc@gmail.com
Mobile: Nil

B. The Best Practices -II

1). Title:

Online Counselling and Admission

2). The Context:

For maintaining transparency of admission process.

3). The objectives:

As per schedule, the students and guardians are able to know the ranks and prospect of admission in the desired subjects.

4). The Practice:

In order to remove the problems and difficulties of offline admission, the college has started initial practice of online admission for the PG courses from 2014-15 session. Accordingly, a separate webpage was opened for smooth running of the admission process. A separate committee was also formed to maneuver the said program.



5). Obstacles faced / Problems encountered:

The students from remote areas have least scope for internet facilities. Accordingly, some prospective students lost the opportunities of having the admission in our college.

6). Evidence of Success:

Students who applied online, were fully satisfied with the system due to less hazards and saving of times and ultimate relief. The success of online admission in PG course encouraged the college authority to plan and implement the same in the UG level from the session 2015-16.

7). Resources Required:

More fund is required to maintain own server for eliminating occasional server and internet related hazards. Dedicated computers and faster broadband with good bandwidth are also required.

8). Contact Details

Name of the Principal: Prof.(Dr.) Nandan Bhattacharyya

Name of the Institution: Panskura Banamali College, Panskura R.S.,
PIN 721152, Purba Medinipur, West Bengal, INDIA

Work Phone: 03228252222

Website: www.panskura banamalicollege.org

E-mail: principal.pbc@gmail.com

Mobile: Nil

SECTION - C

COMPLIANCE FOR PEER TEAM REPORT



COMPLIANCE FOR PEER TEAM REPORT

As the college is moving towards the 2nd cycle of accreditation, it is time to revisit the valued suggestions put forwarded by the honorable NAAC peer team members who visited the college during the 1st cycle of accreditation process held in December, 2004. Following their advices and positive feedback, we recognized that there are scopes for further and immediate improvements, the existence of immense possibilities and a deep concern for achieving a further height. In the following, we address the points one by one.

1. Regarding the 'Earn while you learn' scheme: In recent past, there have been some formal attempts to proceed in this direction - some negotiations with authorized agencies in helping to achieve UGC scheme in this regard were followed by the presentations of the blueprint etc. But we still could not achieve this goal. Only recently, the college is engaged in pursuing the 'Proposal of engagement on a sample survey on Old age, Widow and Disability Pension in West Bengal' by West Bengal Govt. However, the college is constantly looking for the possibilities of such schemes and major partnerships with different funding agencies that would certainly surge the job opportunities and earning.
2. About informing the parents regarding the academic progress of students, it is informally done often. Guardians are always welcomed to meet the respective teachers and students, sometimes the guardians are contacted to discuss the progress of their wards as and when necessary. Besides, initiatives are taken to arrange teacher-guardian meet at a formal level.
3. Student facilities like book store and co-operative society are yet to be formed. The authority keeps this important suggestion in mind and plan to move towards that direction, even if it is late to consider. However, there are departmental libraries which cater the immediate needs of the books by students. Also the giveaway specimen copies of books by teachers and occasional help received from the departments, from the personal capacities of the teachers make the students fulfill their purpose. The negotiation with a private party to make photocopies with subsidized rates and offer to sale stationeries in competitive price to students in and around the college campus are of worth mentioning.
4. The college is proud to announce that the quality and volume of research works done in this campus are increased manifold since the last NAAC visit. There are several major and minor projects running successfully in the institute. Research scholars are pursuing Ph.D. works under some schemes with some faculty



members. Some of the faculty members are also engaged in guiding Ph.D. students in collaboration with other faculty members in Universities and elsewhere. There are some fruitful research collaborations between some of our faculty members and Scientists and scholars in abroad and in national level institutes.

5. The college authority always places demand before the West Bengal College Service Commission which is the recommending authority to fill the vacant permanent faculty positions. In last few years, a good number of faculty members have joined in various departments in substantive posts. Besides, it is important to mention, the part time teachers and the contractual whole time teachers are working here for some years obtained their status from state Govt. and receiving salary from govt. exchequer. On top of this, the college employs the guest teachers as per UGC norms for several departments as per their demands and they are to be remunerated on class basis. Renowned guest Professors are invited for PG departments for offering a course in different semesters.
6. Suggestion was given in the NAAC peer team report to arrange staff quarters for teaching and non-teaching staff. It has been considered as a very important step to be taken. However, due to paucity of appropriate fund and for other technical problems, the authority has yet to take an appropriate measure in this direction. We applied to state government for grant for the renovation of the Boys 'Hostel. But it is nevertheless worth mentioning that some of the male teachers are provided with rooms with adequate facilities for staying with nominal cost. Principal's quarter has been modernized to make it worth for a comfort living. Most of our non-teaching staff and some of our teachers are localities, so they prefer to reside in their own residences not far from the college campus. In addition, once the ladies hostel is being completed, lady teachers may be provided accommodation if required.
7. There is a Govt. policy where it is stated that 03 PTT and 01 CWTT is equivalent to one permanent faculty post. Hence most of the Science Departments do not have adequate permanent faculties. Recently, the Govt. has changed the policy; by which these posts are to be filled by the recommendation of the W.B. College Service Commission (23 posts).
8. Although syllabus preparation or combination is not under the purview of the college but as member of BOS, the faculties already have included the biostatistics in the syllabus. But unfortunately the subject Statistics could not be opened as related subject. Recently the Governing Body has resolved to introduce 08 Certificate courses including Vermicompost, mushroom culture



etc. In addition to that one of our faculty member is associated with an NGO, which is involved in the process of forming a flower research station.

9. There has been a beautiful suggestion as to introduce sericulture, floriculture, aquaculture, vermin-technology etc. as certificate and diploma courses.
10. There has been no bridge course established to fill the gap of knowledge among the weaker section of students. Remedial coaching, tutorial classes and extra care and attention by concerned teachers attempt to fill this void. The sincere efforts by the faculty members and the beautiful teacher-student relationship help the students overcome their difficulties and encourage them to move forward.
11. There is a registered Alumni Association with registration No. S/2L/31404 of 2014-15. Some departments arranged reunions through their alumni associations. Many departments have their own social networking groups in order to coordinate between past and present students, to exchange career related information, to help each other. More such groups and formal alumni associations are being constantly encouraged to be formed.
12. Besides UGC sponsored seminars, other seminars or lectures are periodically arranged by many departments in order to give our students as well as faculties some exposure in the frontline areas and recent trends. Eminent scholars, important personalities are invited to visit the college and deliver lectures and to interact with our eager students.
13. The teachers make constant efforts to enhance their teaching quality. With all the teaching loads, many of the teachers are actively engaged in frontline research works and publishing papers in national and international journals. Besides, some teachers keep writing books for the students of various levels and for advanced learners and researchers. Some of the faculty members maintain their web-pages where they upload their lecture materials to be made available to students with free of cost.
14. Following the suggestions of NAAC peer team, the library has been fully automated. Printed books and journals have been increased. In addition, no. of e-books and e-journals are also available through INFIBNET, Pubmed, DOAJ, J-stage etc. The teachers can have the access to different OCWs, NPTEL.
15. The college is striving for achieving autonomy. In the process of getting autonomy, we have applied for CPE to UGC. Recently we are enjoying the partial autonomy in our P.G. courses. Under the new regulations of the NCTE, B.Ed. and B.P.Ed. Courses are in semester system in addition to B.C.A. and



P.G. courses. As per the guidelines of the UGC, once the university decides to accept the CBCS system, we will comply.

16. At present 7 PG courses are running in the college, 6 of them are introduced after the last NAAC visit. The Physical education department is running a training course (B.P.Ed.) for several years with success. Recently, the approval for opening the PG course (M.P.Ed.) is obtained. We also have applied for M.Ed. programme. The college is considering applying for opening some more PG courses in areas of current interest and applications. In this respect, PG courses in Biotechnology, Microbiology, Nutrition, Travel and Tourism and Managements are considered. However, as the college is bound by the rules and regulations of the affiliating University, there is less scope for opening an entirely different PG course.
17. The Grievance redressal cell involves senior faculty members following the suggestions of the NAAC peer team report.
18. There is not yet a formal proctorial system introduced in this college. The college would study this aspect and sincerely go about this. We believe in GURUKUL system. Hence we will definitely try to execute this step by step.
19. There has been a women's cell established in this college following the pressing need of the time and following the suggestions of the peer team report. The women's cell involves some senior lady teachers who look after the aspects of affairs and legalities relating to women and the protection of girl students. But it is glad to say, there has not been any single untoward incidence happened against the women inside or in the periphery of the college campus.
20. Last but not the least, the suggestion of introducing the students' feedback by NAAC peer team has been considered with all sincerity. Feedbacks from students are being collected from each department, analyzed and get back to the concerned faculties if necessary. In addition, we have introduced online feedback system from the students, guardians and alumni from this year.

With a NAAC peer team comprised of experts, academicians and eminent personalities, it is envisaged to be a learning experience that ever works in favour of achieving a greater height. The college is eager to meet such personalities, waiting to follow their steps.

Section - D

Declaration by the Head of the Institution



Phone : 03228-252222

PANSKURA BANAMALI COLLEGE

Largest Rural Based & NAAC Accredited 'A' Grade College (2005-10)

E-mail : principal.pbc@gmail.com

Memo No. P.B.C. 720/2015

Date : 31 DEC 2015

Declaration by the Head of the Institution

I certify that the data included in this Self Study Report (SSR) are true to the best of my knowledge.

This SSR is prepared by the College after internal discussions and no part thereof has been outsourced.

I am aware that the Peer team will validate the information provided in this SSR during the peer team visit.

Place: Panskura

Date: 31st December, 2015

Signature of the Head of the Institution

Principal
Panskura Banamali College



Section - E

Certificate of Compliance



Phone : 03228-252222

PANSKURA BANAMALI COLLEGE

Largest Rural Based & NAAC Accredited 'A' Grade College (2005-10)

E-mail : principal.pbc@gmail.com

Memo No. P.B.C. 719/2015

Date : 31 DEC 2015

CERTIFICATE OF COMPLIANCE

This is to certify that, Panskura Banamali College, Panskura, West Bengal, fulfils all norms:


1. Stipulated by Vidyasagar University, Paschim Medinipur
2. Regulatory council/Body- University Grants Commission
3. The affiliation and recognition is valid as on date.

It is noted that NAAC's accreditation, if granted, shall stand cancelled automatically, once that Institution loses its University affiliation or recognition by the regulatory Council as the case may be.

In case the undertaking submitted by the Institutions found to be false then the accreditation given by NAAC is liable to be withdrawn. It is also agreeable that the undertaking given to NAAC will be displayed on the college website.

Date: 31st December, 2015.

Place: Panskura, Purba Medinipur


Dr. Nandan Bhattacharyya
Principal

Principal
Panskura Banamali College



ANNEXURE - IA

UGC Recognition Under Sections 2(f) & 12(B) of UGC Act

Ph. 23236351, 23232701, 23237721
23234116, 23235733, 23232317
23236735, 23239437, 23239627

Extension No. 413 (CPP-I Colleges)
UGC Website: www.ugc.ac.in
F. No. 8-336/2014 (CPP-I/C)



विश्वविद्यालय अनुदान आयोग
बहादुरशाह जफर मार्ग
नई दिल्ली-110 002

UNIVERSITY GRANTS COMMISSION
BAHADURSHAH ZAFAR MARG
NEW DELHI-110 002

January, 2015

20 JAN 2015

The Principal,
Panskura Banamali College,
Panskura, District Midnapore - 721 152
West Bengal

Sub: - Recognition of Panskura Banamali College, Panskura, District Midnapore - 721 152, West Bengal under Section 2 (f) & 12 (B) of the UGC Act, 1956.

Sir,

With reference to the letter no.P.B.C./393 dated 05.12.2014 on the above subject, I am directed to say that the name of **Panskura Banamali College, Panskura, District Midnapore - 721 152, West Bengal** established in the year of 1961, affiliated to **Vidya Sagar University, Midnapore** is included in the list of Colleges maintained under Section 2(f) & 12(B) of the UGC Act, 1956 under the head **Non-Government** College teaching upto **Bachelor's Degree**.

Yours faithfully,

(Charan Dass)
Under Secretary

ANNEXURE - IB

**NCTE Recognition For B.Ed.,
B.P.Ed., And M..P.Ed.**

TO BE PUBLISHED IN GAZETTE OF INDIA PART – III, SECTION 4

National Council for Teacher Education
Eastern Regional Committee
(A Statutory Body of the Govt. of India)
15, Neelakantha Nagar, Nayapalli, Bhubaneswar – 75101255
Phone-(0674) 2562793, 2563252, 2563156, Fax: (0674) 2564873

F. No.ER-191.6.1/ERCAPP1988/M.P.Ed.-(Addl. Course)/2015/ 34160

Date: 24/07/2015

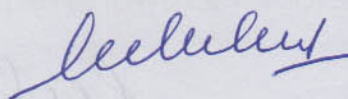
ORDER

WHEREAS, in terms of Section 15(1) of the NCTE Act,1993, **Panskura Banamali College, Plot No- 1121, St. Rd- Kanakpur, Vill/Town/City- Kanakpur, PO- Panskura Railway Station, Tehsil/Taluka- Tamluk, Town/City- Panskura, Dist- Midnapore, West Bengal- 721152** has applied for grant of recognition/permission to **Panskura Banamali College, Plot No- 1121, Vill- Kanakpur, PO- Panskura Railway Station, Tehsil/Taluka- Tamluk, Town/City- Panskura, Dist- Midnapore, West Bengal- 721152, APP1988** for **M.P.Ed** course (Addl. Course) application dated **27.07.2013** for One year duration under section 15(1) of the NCTE Act, 1993 and hardcopy received by Eastern Regional Committee of NCTE on **05.08.2013**.

AND WHEREAS, on scrutiny of the application submitted by the institution, the documents attached therewith, the affidavit submitted and the report received from VT and videography, and the certificates received from the university, the Committee is satisfied that the applicant fulfils the requirements under the provisions of NCTE Act, Rules and relevant Regulations including the Norms and Standards for the said teacher education programme such as instructional facilities, infrastructural facilities, financial resources, etc., for running the programme.

NOW THEREFORE, in exercise of the powers vested under Section 15(3) (a) of the NCTE Act. 1993, the Eastern Regional Committee, NCTE hereby grants permission to **Panskura Banamali College, Plot No- 1121, Vill- Kanakpur, PO- Panskura Railway Station, Tehsil/Taluka- Tamluk, Town/City- Panskura, Dist- Midnapore, West Bengal- 721152** for conducting **M.P.Ed** programme (Addl. Course) of Two years duration with an annual intake of **40 Students (One Basic Units)** from the academic sessions **2016-2017** under Clause 7(16) of NCTE (Recognition Norms & Procedure) Regulations, 2014 subject to fulfillment of the following conditions:-

- I. The Endowment fund of Rs. 5 lakhs and Reserve fund of Rs. 7 lakhs kept in joint account with Regional Director of NCTE should be maintained perpetually. Loan raising against or mortgaging of FDR's shall not be done.
- II. The institution shall comply with the various other norms and standards prescribed in the NCTE regulations, as amended from time to time.
- III. The institution shall make admission only after it obtains affiliation from the examining body in terms of clause 8(10) of the NCTE (Recognition Norms & Procedure) Regulations 2014.



Contd...2

- IV. The institution shall ensure that the required number of academic staff duly approved by affiliating body for conducting the course should always remain in position.
 - V. The institution shall comply with the additional facilities required (additional built-up area, additional staff, additional funds etc) for the second unit as prescribed in NCTE (Recognition Norms and Procedure) Regulations 2014 before 31.10.2015.
2. Further the recognition is subject to the condition that the institution shall move gradually to become a composite institution but not later than 2016-2017.
 3. Further, the recognition is subject to fulfillment of all such other requirements as may be prescribed by other regulatory bodies like UGC, affiliating University / Body, the State Government etc, as applicable.
 4. The institution shall submit to the Regional Committee a Self-Appraisal Report at the end of each academic year along with the statement of annual accounts duly audited by a Chartered Accountant.
 5. The institution shall maintain its Website with hyperlink to the Council and the Eastern Regional Committee, covering, inter - alia, the details of the institution, its location, name of the programme applied for the intake; availability of physical infrastructure, such as land, building, office, classrooms and other facilities or amenities; instructional facilities, such as laboratory and library and the particulars of their proposed teaching faculty and non-teaching staff with photographs, for information of all concerned. The information with regard to the following shall also be made available on the website namely:-
 - a) Sanctioned programmes along with annual intake in the institution:
 - b) Name of faculty and staff in full as mentioned in school certificate along with their qualifications, scale of pay and photograph.
 - c) Name of faculty members who left or joined during the last, quarter:
 - d) Names of Students admitted during the current session along with qualification, Percentage of marks in the qualifying examination and in the entrance test, if any, date of admission, etc.;
 - e) Fee charged from students;
 - f) Available infrastructural facilities;
 - g) Facilities added during the last quarter;
 - h) Number of books in the library, journals subscribed to and additions, if any, in the last quarter;
 - i) The affidavit with enclosure submitted along with application.
 - j) The institution shall be free to post additional relevant information. If it so desires.
 - k) Any false or incomplete information on website shall render the institution liable for withdrawal of recognition.

Leelavathi

6. The institution shall adhere to the mandatory disclosure in the prescribed format and display up-to-date information on its official website.
7. The institution shall make available list of students admitted on its official website.
8. If the institution contravenes any of the above conditions or the provision of the NCTE Act, Rules, Regulations and orders made of issued there under, the institution will render itself vulnerable to adverse action including withdrawal of recognition by the regional committee under the provisions of Section 17(1) of the NCTE Act.

By Order,

Regional Director

The Manager
Government of India Press
Department of Publications (Gazette Section)
Civil Lines, New Delhi – 110054

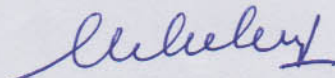
To

The Principal

Panskura Banamali College,
Plot No- 1121, Vill- Kanakpur, PO- Panskura Railway Station,
Tehsil/Taluka- Tamluk, Town/City- Panskura,
Dist- Midnapore, West Bengal- 721152

Copy to:

1. The Secretary / Correspondent, Panskura Banamali College, Plot No- 1121, St. Rd- Kanakpur, Vill/Town/City- Kanakpur, PO- Panskura Railway Station, Tehsil/Taluka- Tamluk, Town/City- Panskura, Dist- Midnapore, West Bengal- 721152
2. The Secretary of Govt. of West Bengal, Department of Higher Education, 6th Floor, Bikash Bhawan, Salt Lake, Kolkata, West Bengal- 700091.
3. The Registrar, Vidyasagar University, Station Road, Midnapore, PO- Vidyasagar University, Dist- Paschim Medinipur, West Bengal - 721102
4. The Director of Public Instruction, Govt. of West Bengal, 6th Floor, Bikash Bhawan, Salt Lake, Kolkata, West Bengal-700091.
5. The Secretary, Dept. of School Education and Literacy, Ministry of Human Resource Development, Govt. of India, Shastri Bhawan, New Delhi -110001.
6. The Under Secretary (CS) National Council for Teacher Education, Hans Bhawan, Wing-II, 1, Bahadurshah Zafar, New Delhi- 110002.
7. Office Order file/ Institution file.


Regional Director

TO BE PUBLISHED IN THE GAZETTE OF INDIA

ERC/WB-S.O.V/78/06/4798 ①

December 08, 2006

ORDER

Whereas in terms of Section 18 (B) of the NCTE Act, 1993 as inserted under Chapter IVA of the Ordinance, 2006 dated 11th September, 2006 and as per Rules made there under and published in the Gazette of India Part - II Section 3, Sub-section (i) on 23rd October, 2006, the institutions mentioned below have submitted their applications along with requisite fees and compensation to the Eastern Regional Committee of NCTE for validation of the qualifications of the students enrolled in their respective institutions affiliated to the various examining bodies.

Sl. No.	Name of the Institution	Name of the Course (s)	Year										
			1995 1996	1996 1997	1997 1998	1998 1999	1999 2000	2000 2001	2001 2002	2002 2003	2003 2004	2004 2005	
1.	Panskura Banamali College P.O : Panskura R.S. Dist - Purba Medinipur West Bengal - 721 152	B.P.Ed	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	76	65	79	80

2. Whereas Eastern Regional Committee, National Council for Teacher Education, Bhubaneswar considered the visiting team reports of the institutions named above as per Rule 6(5) of the Rules made under the Act in its 72nd meeting held on 6th and 7th December, 2006 at ERC, Bhubaneswar and unanimously it is resolved and decided to validate the qualification of students with retrospective effect, passed in different year (s) as mentioned above.

3. Now, therefore, in exercise of powers vested under Section 18E of the amended NCTE Act, 2006, the Eastern Regional Committee, National Council for Teacher Education hereby validate the qualification of students with retrospective effect passed in different years from the institutions mentioned in para 1 above. The institution shall issue a certificate to each student whose qualification has been validated under Section 18E of the NCTE Act and would also issue a public notice prominently to this effect in two local and one national dailies at their own cost.

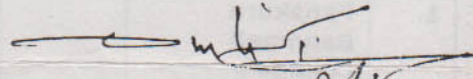
(Contd..P-2)

//2//

4. If at any time any short fall in the requisite fee and compensation deposited by an institution hereby validated comes to notice of NCTE, the institution will be called upon to make good such shortfall within 15 days and the institution shall comply there to

5. It is further clarified that as prescribed in Rule 7(2) , the grant of permission under these rules does not mean grant of recognition to the institution in any manner under Section 14 or section 15 of the NCTE Act, 1993 for running the teacher training course for future and the institution would have to apply for recognition afresh under the relevant provisions of the Act independently which would be considered under the normal procedure as per the rules and regulations made under the Act. As per Clause 8 (10) of the NCTE Regulations, 2005, an institution shall make admission only after it obtains unconditional letter of recognition from the Regional Committee concerned, and subsequently affiliation from the examining body.

By Order,


(Dr. O.V.S. Sikarwar)
Regional Director

The Manager to Government of India
Department of Publication, (Gazette Section)
Civil Lines, Delhi - 110054

C.C.

1. The Principal/Secretary/Head of Deptt.

**Panskura Banamali College, P.O : Panskura R.S., Dist - Purba Medinipur,
West Bengal - 721 152**

2. The Secretary, Department of Elementary Education and Literacy, Ministry of Human Resource Development, Government of India, Shastri Bhawan, New Delhi - 110001.
3. The Principal Secretary, Department of Higher Education, Government of West Bengal, 6th Floor, Bikash Bhawan, Salt Lake, Kolkata, West Bengal, Pin - 700 091
4. The Registrar, **Vidyasagar University, West Bengal.**
5. Dr. P.K. Choudhury, Addl. DPI (Training), Education Directorate, Government of West Bengal, Bikash Bhawan, 8th Floor, Salt Lake City, Kolkata, West Bengal - 700 091
6. The Member Secretary, National Council for Teacher Education, Hans Bhawan, Wing - II, 1, Bahadur Shah Zafar Marg, New Delhi - 110 002
7. Office Order file / Institution file.

TO BE PUBLISHED IN GAZETTE OF INDIA PART - III, SECTION 4

National Council for Teacher Education
Eastern Regional Committee
(A Statutory Body of the Govt. of India)
15, Neelakantha Nagar, Nayapalli, Bhubaneswar-751012
Phone-(0674) 2562793, 2563252, 2563156, Fax: (0674) 2564873

ERC/7-87.6(I).34/2008/ V. 9.4 3

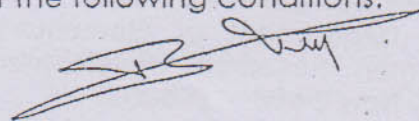
August 18, 2008
3/2

Order

WHEREAS in terms of Section 15(1) of the NCTE Act, 1993 Panskura Banamali College, P.O. - Panskura R.S., Dist - Purba Medinipur, West Bengal - 721 152 has submitted an application (Code No.APE00695) to the Eastern Regional Committee of NCTE for grant of permission for conducting B.P.Ed. Course with an annual intake of 80 (eighty) on 21.06.2006.

2. AND WHEREAS on scrutiny/perusal of the application submitted by the institution, the documents attached therewith, the affidavit and the input received from the visiting team in the form of report and videography, recommendation of the State Government, the Committee is satisfied that the institution/society fulfills the requirements under the provisions of NCTE Act, Rules and relevant Regulations including the Norms and Standards for the Bachelor of Physical Education (B.P.Ed.) programme such as instructional facilities, infrastructural facilities, library, accommodation, financial resources, laboratory etc. for running the programme and has selected/appointed duly qualified teaching staff as per NCTE norms.

3. NOW, THEREFORE, in exercise of the powers vested under Section 15(3)(a) of the NCTE Act, 1993, the Eastern Regional Committee hereby grants permission to Panskura Banamali College, P.O. - Panskura R.S., Dist - Purba Medinipur, West Bengal - 721 152 for conducting B.P.Ed. Course of Secondary (level) of one year duration with an annual intake of 50 (Fifty) from the academic session 2008-2009 under clause 7(11) of NCTE (Recognition Norms & Procedure) Regulations, 2007 subject to fulfillment of the following conditions:



P.T.O.



4. If any time any short fall in the requisite fee and compensation deposited by an institution hereby validated comes to notice of NCTE, the institution will be called upon to make good such shortfall within 15 days and the institution shall comply there to

5. It is further clarified that as prescribed in Rule 7(2), the grant of permission under these rules does not mean grant of recognition to the institution in any manner under Section 14 or section 15 of the NCTE Act, 1993 for running the teacher training course for future and the institution would have to apply for recognition afresh under the relevant provisions of the Act independently which would be considered under the normal procedure as per the rules and regulations made under the Act, As per Clause 8(10) of the NCTE Regulations, 2005, an institution shall make admission only after it obtains unconditional letter of recognition from the Regional Committee concerned and subsequently affiliation from the examining body.

By Order

(Dr. O.V.S. Sikarwar)
Regional Director

The Manager to Govt. of India
Department of Publication, (Gazette Section)
Civil Lines, Delhi - 110054

G.C.

1. The Principal / Secretary / Head of Deptt./ Registrar
Panskura Banamali College, P.O : Panskura R.S., Dist - Purba
Medinipur, West Bengal - 721 152
2. The Secretary, Department of Elementary Education and Literacy,
Ministry of Human Resource Development, Government of India,
Shastri Bhawan, New Delhi - 110001.
3. The Principal Secretary, Department of Higher Education, Government
of West Bengal, 6th Floor, Bikash Bhawan, Salt Lake, Kolkata, West
Bengal, Pin - 700 091
4. The Registrar, Vidyasagar University, West Bengal.
5. Dr. P.K. Choudhury, Addl. DPI (Training), Education Directorate,
Government of West Bengal, Bikash Bhawan, 8th Floor, Salt Lake City,
Kolkata, West Bengal. - 700 091
6. The Member Secretary, National Council for Teacher Education, Hans
Bhawan, Wing - II, 1, Bahadur Shah Zafar Marg, New Delhi - 110 002.
7. Office Order file / Institution file.

Has B.P.Ed
for merge

TO BE PUBLISHED IN GAZETTE OF INDIA PART – III, SECTION 4

National Council for Teacher Education

Eastern Regional Committee

(A Statutory Body of the Govt. of India)

15, Neelakantha Nagar, Nayapalli, Bhubaneswar – 751012

Phone-(0674) 2562793, 2563252, 2563156, Fax: (0674) 2564873

F. ERC/NCTE/APE00695/B.P.Ed.(Revised Order)/2015/32320

Date: 28/05/2015

ORDER

WHEREAS, in exercise of the powers conferred by sub-section (2) of Section 32 of the National Council for Teacher Education Act, 1993 (73 of 1993), and in supersession of the National Council for Teacher Education [Recognition Norms and Procedure] Regulations, 2009, the National Council for teacher Education has notified the Regulations, 2014 on 01.12.2014.

2. **AND WHEREAS** the institution viz. **Panskura Banamali College, PO – Panskura R.S., Dist – Purba Medinipur, West Bengal – 721152** was granted recognition for conduct of **B.P.Ed.** course of **one** year duration with an annual intake of **50 from the academic session 2008-2009** vide ERC order no. **ERC/ 7-87.6(I).34/ 2008/ 11943 dt.05.08.2008.**

3. **AND WHEREAS**, the institution viz. Panskura Banamali College, PO – Panskura R.S., Dist – Purba Medinipur, West Bengal – 721152 has by affidavit dated **30.01.2015** consented to come under New Regulations 2014 and sought for **One Basic Unit in B.P.Ed. course** which require additional facilities.

4. **AND WHEREAS**, it has been decided to permit the institution to have One Basic Unit of 50 students each subject to fulfilling following conditions namely,

- (i) The institution shall create additional facilities that include (a) additional built-up area, (b) additional infrastructure, (c) additional fund, (d) adhere to staff norms as per Regulations, 2014 and inform Regional Committee with required documents by October 31, 2015.
- (ii) The applicant-institution for additional unit will be required to submit the required documents such as land documents, Encumbrance Certificate (EC), Land Use Certificate (LUC) and the Building Plan (BP) in the specified proforma available on the website to the Regional Committee in proof of having provided additional facilities before October 31, 2015. Building Completion Certificate (BCC) may be given along with other documents if available, otherwise it can also be given to the Visiting Team at the time of inspection.

[Handwritten Signature]

Contd...2

- (iii) The Regional Committee shall arrange for verification of documents, inspection of these premises and check adherence to these conditions by 20 Feb, 2016. If it is found by the Regional Committee that the institution fails to comply with these requirements, the institutions shall not be permitted to admit students for the academic year 2016-2017.

5. **Now therefore**, in the light of the above and in terms of Section 14(3) (a) of NCTE Act and in accordance with the Regulations, 2014, the Eastern Regional Committee, NCTE hereby grants recognition to **Panskura Banamali College, PO – Panskura R.S., Dist – Purba Medinipur, West Bengal – 721152** for conducting **B.P.Ed.** Programme of **two** years duration with an annual intake of **50** for **One Basic Unit** of 50 students each from the academic session **2015-2016** subject to fulfilment of the conditions mentioned herein before 31.10.2015.

6. Further, the recognition is subject to fulfilment of other requirements as may be prescribed by other regulatory bodies like UGC, affiliating University/ Body, the State Government etc. as applicable.

7. The institution shall submit to the Regional Committee a Self-Appraisal Report at the end of each academic year along with the statement of annual accounts duly audited by a Chartered Accountant.

8. The institutions shall maintain & update its web-site as per provisions of NCTE Regulations and always display following as mandatory disclosure:-


- a) Sanctioned programmes along with annual intake in the institution;
- b) Name of faculty and staff in full as mentioned in school certificate along with their qualifications, scale of pay and photograph.
- c) Name of faculty members who left or joined during the last, quarter;
- d) Names of Students admitted during the current session along with qualification, Percentage of marks in the qualifying examination and in the entrance test, if any, date of admission, etc.;
- e) Fee charged from students;
- f) Available infrastructural facilities;
- g) Facilities added during the last quarter;
- h) Number of books in the library, journals subscribed to and additions, if any, in the last quarter;
- i) The affidavit with enclosure submitted along with application.
- j) The institution shall be free to post additional relevant information. If it so desires.
- k) Any false or incomplete information on website shall render the institution liable for withdrawal of recognition.

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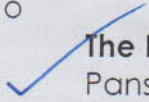
If the institution Contravenes any of the above conditions of the provision of the NCTE Act, Rules, Regulations and Orders made and issued there under, the institution will render itself liable to adverse action including withdrawal of recognition by the Regional Committee under the provisions of Section 17 (1) of the NCTE Act.

By Order,


Regional Director

The Manager
Government of India Press
Department of Publications (Gazette Section)
Civil Lines, New Delhi - 110054

To

 **The Principal**
Panskura Banamali College,
PO - Panskura R.S., Dist - Purba Medinipur,
West Bengal - 721152

Copy to:

1. The Secretary to the Govt. of West Bengal, Department of Higher Education, 6th floor, Bikash Bhawan Salt Lake, Kolkata, West Bengal - 700091.
2. The Registrar, Vidyasagar University, West Medinipur, West Bengal - 721102
3. The Director of Public Instruction, Govt. of West Bengal, 6th floor, Bikash Bhawan, Salt Lake, Kolkata, West Bengal - 700091
4. The Secretary, Dept. of School Education and Literacy, Ministry of Human Resource Development, Govt. of India, Shastri Bhawan, New Delhi - 110001.
5. The Director, Directorate of Youth Services, 32/1, B.B.D Bag (South), Standard Building, 2nd floor, Kolkata-700001
6. The Under Secretary (CS) National Council for Teacher Education, Hans Bhawan, Wing-II, 1, Bahadurshah Zafar, New Delhi - 110002.
7. Office Order file/ Institution file.



Regional Director

Speed Post

Eastern Regional Committee
National Council for Teacher Education
(A Statutory Body of the Government of India)

पूर्व क्षेत्रीय समिति
राष्ट्रीय अध्यापक शिक्षा परिषद्
(भारत सरकार का एक विधिक संस्थान)



TO BE PUBLISHED IN THE GAZETTE OF INDIA

ERC/WB-S/V-62/06 / 4866 ①

December-08, 2006

ORDER

Whereas in terms of Section 18 (B) of the NCTE Act, 1993 as inserted under Chapter IVA of the Ordinance, 2006 dated 11th September, 2006 and as per Rules made thereunder and published in the Gazette of India Part - II Section 3, Sub-section (i) on 23rd October, 2006, the institutions mentioned below have submitted their applications along with requisite fees and compensation to the Eastern Regional Committee of NCTE for validation of the qualifications of the students enrolled in their respective institutions affiliated to the various examining bodies.

Sl. No.	Name of the Institution	Name of the Course (s)	Year									
			1995 1996	1996 1997	1997 1998	1998 1999	1999 2000	2000 2001	2001 2002	2002 2003	2003 2004	2004 2005
1.	Panskura Banamali College P.O : Panskura R.S. Dist - Purba Medinipur West Bengal - 721 152	B.Ed.	185	185	187	182	190	124	138	107	150	146

2. Whereas Eastern Regional Committee, National Council for Teacher Education, Bhubaneswar considered the visiting team reports of the institutions named above as per Rule 6(5) of the Rules made under the Act in its 72nd meeting held on 6th and 7th December, 2006 at ERC, Bhubaneswar and unanimously it is resolved and decided to validate the qualification of students with retrospective effect, passed in different year (s) as mentioned above.

3. Now, therefore, in exercise of powers vested under Section 18E of the amended NCTE Act, 2006, the Eastern Regional Committee, National Council for Teacher Education hereby validate the qualification of students with retrospective effect passed in different years from the institutions mentioned in para 1 above. The institution shall issue a certificate to each student whose qualification has been validated under Section 18E of the NCTE Act and would also issue a public notice prominently to this effect in two local and one national dailies at their own cost.

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4. If at any time any short fall in the requisite fee and compensation deposited by an institution hereby validated comes to notice of NCTE, the institution will be called upon to make good such shortfall within 15 days and the institution shall comply there to

5. It is further clarified that as prescribed in Rule 7(2) , the grant of permission under these rules does not mean grant of recognition to the institution in any manner under Section 14 or section 15 of the NCTE Act, 1993 for running the teacher training course for future and the institution would have to apply for recognition afresh under the relevant provisions of the Act independently which would be considered under the normal procedure as per the rules and regulations made under the Act. As per Clause 8 (10) of the NCTE Regulations, 2005, an institution shall make admission only after it obtains unconditional letter of recognition from the Regional Committee concerned, and subsequently affiliation from the examining body.

By Order

(Dr. O.V.S. Sikarwar)
Regional Director

The Manager to Government of India
Department of Publication, (Gazette Section)
Civil Lines, Delhi - 110054

C.C.

1. The Principal/Secretary/Head of Deptt./ Registrar/
Panskura Banamali College, P.O : Panskura R.S., Dist - Purba Medinipur,
West Bengal - 721 152
2. The Secretary, Department of Elementary Education and Literacy, Ministry of Human
Resource Development, Government of India, Shastri Bhawan, New Delhi - 110001.
3. The Principal Secretary, Department of Higher Education, Government of West
Bengal, 6th Floor, Bikash Bhawan, Salt Lake, Kolkata, West Bengal, Pin - 700 091
4. The Registrar, Vidyasagar University, West Bengal.
5. Dr. P.K. Choudhury, Addl. DPI (Training), Education Directorate, Government of West
Bengal, Bikash Bhawan, 8th Floor, Salt Lake City, Kolkata, West Bengal - 700 091
6. The Member Secretary, National Council for Teacher Education, Hans Bhawan,
Wing - II, 1, Bahadur Shah Zafar Marg, New Delhi - 110 002
7. Office Order file / Institution file.

Received
शिक्षा परिषद्
एक वा एक विधिक संस्थान



BY SP...
Eastern Regional Committee
National Council for Teacher Education
(A Statutory Body of the Government of India)

TO BE PUBLISHED IN GAZETTE OF INDIA PART - III, SECTION 4

Code No. APE00463
ERC/7-76.8(c).2/2007/ ४।७।

May 24 2007

June 4 2007

Order

WHEREAS in terms of Section 14(1) of the NCTE Act, 1993 Panskura Banamali College (B.Ed. Department), Panskura, Dist. Purba Medinipur, West Bengal-721152 has submitted an application (Code No: APE00463) to the Eastern Regional Committee of NCTE for grant of recognition for starting B.Ed. Course of one year duration.

2. AND-WHEREAS on scrutiny of the application submitted by the institution, the documents attached therewith the affidavit and the input received from the visiting team in the form of report, recommendation of the State Government, the Committee is satisfied that the institution fulfills the requirements under the provisions of NCTE Act, Rules and relevant Regulations including the Norms and Standards for the Secondary Teacher Education (B.Ed.) programme such as instructional facilities, infrastructural facilities, library, accommodation, financial resources laboratory etc. for running the programme and has appointed duly qualified teaching staff as per NCTE norms.

3. NOW, THEREFORE, in exercise of the powers vested under Section 14(3) (a) of the NCTE Act, 1993, the Eastern Regional Committee hereby grants recognition to Panskura Banamali College (B.Ed. Department), Panskura, Dist. Purba Medinipur, West Bengal-721152 for conducting B.Ed. Course of one year duration with an annual intake of 100 (one hundred) students under clause 7(10) of Regulation dated 13-1-2006 subject to fulfillment of the following:

(i) The institution shall comply with the various other norms and standards prescribed in the NCTE regulations, as amended from time to time.

4. Further, the recognition is subject to fulfillment of all such other requirements as may be prescribed by other regulatory bodies like UGC and State Government etc, wherever applicable.

P.T.O.

1/211

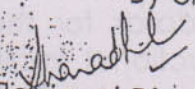
5. The institution shall submit the Eastern Regional Committee a Self-Appraisal Report at the end of each academic year along with the statement of annual accounts duly audited by a Chartered Accountant together with statement of T.D.S. in respect of the salary paid to the staff.

6. If the institution contravenes any of the above conditions or any of the provisions of the NCTE Act, Rules Regulations and Orders made or issued thereunder, the Eastern Regional Committee may withdraw the recognition under the provisions of Section 17(1) of the NCTE Act.

7. The institution shall maintain & update the Web-site as per provisions of NCTE Regulations including inter-alia:

- (i) Copy of the Application Form
- (ii) Land and Building Particulars
- (iii) Staff Profile
- (iv) Recognition letter
- (v) Information in terms of having fulfilled the conditions mentioned above, as and when due.

By order


Regional Director
Tel. No. (0674) 2396156

The Manager to Govt. of India
Department of Publications, (Gazette Section)
Civil Lines, Delhi - 110 054

C.C.

1. The Principal, Panskura Banamali College (B.Ed. Department), Panskura, Dist. Purba Medinipur, West Bengal-721152.

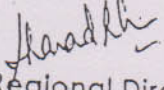
P.T.O.

समिति
एक शिक्षा परिषद्
(एक का एक विधिक संस्थान)



Eastern Regional Committee
National Council for Teacher Education
(A Statutory Body of the Government of India)

2. The Secretary, Dept. of Elementary Education and Literacy, Ministry of Human Resource Development, Govt. of India, Shastri Bhawan, New Delhi - 110 001
3. The Principal Secretary, Department of Higher Education, Govt. of West Bengal, 6th Floor, Bikash Bhawan, Salt Lake, Kolkata West Bengal - 700091.
4. The Registrar, Vidyasagar University, West Midnapore, West Bengal - 721102.
5. Dr. P.K. Choudhury, Govt. representative of West Bengal in ERC and Addl. DPI (Training), Education Directorate, Govt. of West Bengal, Bikash Bhawan, (8th Floor), Salt Lake City, Kolkata, West Bengal - 700 091.
6. The Under Secretary (Computer), National Council for Teacher Education, Hans Bhawan, Wing-II, 1, Bahadurshah Zafar Marg, New Delhi - 110 002
7. Office Order file / Institution file.


Regional Director

15 NEELAKANTHA NAGAR, NAYAPALLI, BHUBANESWAR 751 012

Phone : (0674) 2395793, 2393252, 2396156 Fax : (0674) 2393873

E-Mail : ncteerc@hotmail.com Website : www.ncte-in.org

ANNEXURE - II

Assessment and Accreditation Certificate of NAAC (1st Cycle)



राष्ट्रीय मूल्यांकन एवं प्रत्यायन परिषद

विश्वविद्यालय अनुदान आयोग का स्वायत्त संस्थान

NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL

An Autonomous Institution of the University Grants Commission

Certificate of Accreditation

*The Executive Committee of the
National Assessment and Accreditation Council
on the recommendation of the duly appointed
Peer Team is pleased to declare the*

Panskura Banamali College

Panskura R. S., Dist. Purba Medinipur, affiliated to Vidyasagar University, West Bengal as

Accredited

at the A level.

Date : February 28, 2005



Urav
Director

- This certification is valid for a period of Five years with effect from February 28, 2005
- An institutional score (%) in the range of 55-60 denotes C grade, 60-65-C' grade, 65-70-C'' grade, 70-75- B grade, 75-80- B' grade, 80-85-B'' grade, 85-90- A grade, 90-95-A' grade, 95-100-A'' grade (upper limits exclusive)

ANNEXURE - III

Report of NAAC Peer Team (1st Cycle)

DRAFT REPORT
ON
INSTITUTIONAL ACCREDITATION
OF

Panskura Banamali College

Panskura R. S., Dist. Purba Medinipur, West Bengal

Visit Dates: 09th – 11th December'04

National Assessment and Accreditation Council
Bangalore

**ASSESSMENT REPORT FOR INSTITUTIONAL ACCREDITATION OF
PANSKURA BANAMALI COLLEGE, PANSKURA R. S.,
DIST-PURBA MEDINIPUR, WEST BENGAL
(9th and 11th December, 2004)**

Section - 1 : Preface

Panskura Banamali College, Panskura, Medinipur, West Bengal was established in 1960 and received UGC recognition under 2f and under 12B in 1961 and at present the college is affiliated to Vidyasagar University. The college also receives grant-in-aid from the Government of West Bengal. The college caters to the need of more than 5000 undergraduate and B.Ed. students in three faculties viz. - Faculty of Science with 11 departments, Faculty of Arts with 08 departments and Faculty of Commerce. The college has a full time Principal and 47 permanent teachers and 79 part-time teachers. The non-teaching staff are 69 - Administrative-12, Technical-15 and casual workers-42. About 50% of the permanent teachers possesses Research Degree (M.Phil./Ph.D.) and out of 79 part-time teachers only 02 teachers have research degree. The important support services of the college are Central Library, departmental Libraries, Computer Centre, Multi gymnasium with Sports facilities, lush Green wide Play Ground, Grievance and Redressal cell, Photographic Unit, Career Counselling Cell, Herbal Garden, Auditorium, Weather Forecasting Unit, Aryabhata Telescopic Unit, Soil Testing Unit, Health Care Unit, Boy's Hostels and Canteen

The college offers courses in some front line areas like Computer Science, B.C.A., Electronics, Microbiology and Biotechnology, and also offers courses in Botany, Chemistry, Physiology, Physics, Mathematics, Zoology, Economics, Geography, Education, Commerce, History, Political Science, Philosophy, English, Bengali, Sanskrit and Education subjects. The college offers 26 programmes and out of which 23 are undergraduate programmes 01 is a P.G. programme under self-financing scheme and 02 are B.Ed. and B.P.Ed. courses. The total teacher-student ratio is 1:43 and the unit cost of education is Rs.6,877/- including salary component and Rs.3,429/- excluding salary component. The students' drop out rate is about 16% and the college fares well in the University Examination, the pass percentage being around 70 and many students occupied top positions in the University Merit List. The college has been able to raise substantial money from the self-financing courses and other sources for infrastructure development.

The college has volunteered for assessment by the NAAC, Bangalore and prepared and submitted a study report to NAAC. A Peer Team consisting of Prof. M. C. Dash, Former Vice-Chancellor, Sambalpur University, Prof. M. D. P. Rao of Bilaspur as Member Co-

M. C. Dash
11-12-04

ordinator and Dr. Shukla Mahanty, Principal, Jamshedpur Women's College as a Member of the Team visited the college from 9th December to 11th December, 2004. After pursuing and analyzing the self study report submitted by the college and examining the relevant documents and visiting the departments and the central facilities of the college, the Peer Team has been able to assess the performance of the college and prepared this report. The Peer Team also interacted with the President and the Member of the Governing Body, with Alumni, Parents and citizens of the area and also interacted with the Principal, Dr. Subrata Mandal, NAAC Steering Committee Co-ordinators and the members of the faculty, non-teaching staff and the Students. On the basis of this exercise of three days and the criteria identified by the NAAC this report highlighting the issues of concern, healthy practices and commendable features has been prepared as detailed below.

Section – 2 : Criterion-wise Analysis :

Criterion-I : Curricular Aspects :

Panskura Banamali College is affiliated to Vidyasagar University and offers 3 UG programmes (Arts, Science, Commerce) one PG programme (M. Sc Computer Science), Bachelor of Education programme and Bachelor of Physical Education programme. In the faculty of Science Honours in Physics, Chemistry, Mathematics, Computer Science, Electronics, Botany, Zoology, Physiology, Microbiology, Economics, Bio-Technology and General courses in Mathematics, Physics, Chemistry, Computer Science, Botany, Zoology, Physics are offered. In the faculty of Arts Honours in Bengali, English, History, Geography, Political Science and Education and General courses with various combinations are offered and both Honours and General courses are offered in commerce. The institution provides a wide range of combination of subjects and students are permitted horizontal mobility to different combinations upto three months after admission. But spatial movement is not permitted by the regulation. The teaching is by chalk and Board and also by Audio Visual facilities. Bengali, English and Environmental studies are taught as compulsory subjects. B. Ed and B. P. Ed are of one year duration with composite syllabus. In the last three years B. P. Ed, Botany Honours, Physiology Honours, Education Honours, Bio-Technology Honours, M.Sc Computer Science under self financing scheme have been introduced.

M/CS-ash
11-12-04

Computer Science Honours, Education Honours, Microbiology Honours, Bio-Technology Honours, BCA, B. P. Ed., Botany Honours, Physics Honours, Electronics Honours and M.Sc. Computer Science are the self financing courses offered by the college. Introduction of different honours courses and self financing courses in a phased manner indicates the consistent efforts put in by the college for its growth and development.

The college organizes seminars, Guest lectures and encourages participation of students and teachers in seminar. The college authorities may consider introduction of semester system and modular courses at least in front line areas.

Board of studies constituted by Vidyasagar University updates the curriculum from time to time. A good number of teachers along with the Principal are members of Board of studies and executive council of Vidyasagar University. They play active role in the curriculum design of various subjects. Faculty members discuss and make suggestions which are forwarded to the university for consideration.

The consistent growth of the institution is in conformity with its goals and objectives.

Criterion II : Teaching – Learning and Evaluation

On an average the college has 250 working days out of which 180 are the working days for the traditional courses and 215 are the teaching days for the self financing courses. The examination system of the college is annual system except in B.C.A. Course which is taught in semester system.

Students are selected for admission into various courses through special entrance tests in case of B. P. Ed and through academic records for all other courses except B. Ed and M. Sc (Computer Science) which are done through central selection of Vidyasagar University.

At the beginning of the academic session the department Heads distribute the syllabi among the faculty members. The syllabi are unitized according to the teaching schedule. Regular monitoring of progress is done by Heads of departments.

There is provision for assessing students knowledge and skills by holding class tests, selection tests (three months after entry), Test examination and Annual examination. Tutorial classes are held for the students whose performance is poor. Meritorious students are encouraged to participate in seminars and workshops.

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The lecture method of teaching is supplemented by supplying photo copies of synopsis of lectures among the students, by use of over Head projectors and slide projectors, by organizing seminars and work shops covering current and emergent topics in the respective disciplines, and by conducting educational tours, field trips and field surveys. Students of computer science, BCA, Physics, and Geography are required to submit report of their project works which are supervised by the concerned faculty. B.Ed students prepare posters, maps etc.

The total number of teachers in the college is 126 out of which 47 are permanent and 79 are part-time teachers. 21 of the permanent and 2 of the part-time teachers are Ph.D holders. 50% of the classes of the day section, 75% of evening classes (commerce) and 80% of the B. Ed classes are taught by full time faculty while all classes of the morning and B.P.Ed are taught only by part-time teachers.

Programmes of various examinations and other details are informed to the students at the beginning of the academic session performance of students at selection tests, annual examination, test examination and university examinations are reviewed at the Teachers' Council and Academic Sub-Committee meeting.

Permanent teachers are recruited through West Bengal College Service Commission while the part-time teachers are appointed by the college from its own resources as per the requirement.

85 faculty members (including the Guest lecturers) have attended seminars / conferences at National level. Nine teachers have attended international seminars, 7 have acted as resource persons, 44 faculty members have attended Refresher Courses and 13 have attended Orientation courses during the last three years which is quite appreciable and speaks of the interest of the faculty in updating their knowledge. Further, the college has organized Good number of seminars during the last four years.

Every staff member is put in charge of one or more committees to assist the Principal for smooth running of the college which helps in decentralized and transparent administration.

The college has established formal linkages with Bose Institute (Kolkata), Indian Institute of Chemical Biology (Kolkata), Dept. of Biological Chemistry (IACS, Kolkata), Vivekananda Institute of Bio-Technology, IIT Khargapur, United Breweries, Kalyani, Nadia, Shaw Wallace & Co (Pesticide division Haldia, Mother Dairy Kolkata,

McDermott
11-12-09

Sericulture seed station Debra Midnapore, State Poultry farm Midnapore for educational tours.

Also the Institution has established collaboration with IIT, Kharagpur, in the Department of Physics and Meteriology and South West Missouri State University in the Faculty of Science.

The Principal of the college Dr. S. Mandal has received Bharat Bikash award (2002), Mother Teresa Excellence award (2003) and National Prabha Gold medal (2003) which is an honour to the institution.

Criterion III : Research, Consultancy and Extension

Nearly 50% of The permanent teachers posses research Degrees. However the College being basically and undergraduate college, is not a recognized centre for Ph. D programme. However, the college encourages teachers for taking up research by granting study leave. The teaching schedule of the teachers proceeding on study have is adjusted by appointing part time teachers.

Ten full time teachers, one part time teacher have registered as part-time research scholars and four teachers have been awarded Ph.D degree during the last four years.

There are five on going minor research projects sanctioned by UGC with an out lay of Rs.2,40,000/-. The faculty members in some departments have published a good number of research papers in refereed journals both national and international.

The college does not have a designated person for extension activities. However, a member of the staff looks after extension activities such as community development, social work, health and hygiene awareness, medical camp, adult education literacy, blood donation camp, AIDS awareness, environmental awareness taken up under NSS.

Cleanliness drive in the local village, cleaning of local ponds, demonstration by teachers about health hazards are some of the community development activities. NSS units of the college are involved in successful implementation of Pulse Polio programmes in collaboration with local gram panchayat. Relief work during drought and flood, making extensive survey on the skin diseases caused by fly ash discharged by Kolaghat Thermal Power Plant are some of the significant activities carried out by NSS units of the college. Further, NSS units organized medical camps for blood group testing, Thalassemia test, blood sugar estimation in collaboration with the college physician and departments of microbiology and bio-technology.

M. Mandal
11-12-04

Computer literacy programme, mass education programme are some of the out reach programmes carried out by the college other than NSS.

The college plans some of the extension activities in collaboration with NGOS and GOS like Thalasemia Society Haldia, Dept. of Health, Govt. of West Bengal, Vivekananda Yuba Mahamandal, Panskura.

Criterion-IV : Infrastructure and Learning Resources :

During the past 44 years the college has expanded its infrastructure facilities in form of multi storied buildings, many laboratories, Library, Hostel, Auditorium, Gymnasium lush green wide play ground and class rooms.

The annual maintenance of the College buildings is looked after by an engineer and two supervisors appointed by the Governing Body and the PWD of the Government of West Bengal. The college runs in three shifts in order to accommodate 25 departments. The Library Building, a three storied NRI sponsored building for Bio sciences and a swimming pool are under construction.

The library at present located in the main building has about 40,000 books and some magazines and periodicals and is open from 7:30 am. to 6:00 pm. An advisory committee for the library looks after its smooth and effective functioning. Though there are 8 computers in the Library, it is yet to be completely computerized. Book bank, Repographic, Internet, CD facilities are available. However more magazines and text books and reference books of recent publication have to be procured and the facility for reading the computer disk be expanded. The library is not connected with other libraries of the country and does not have INFLIBNET, IAS IUCA facilities. The Reading Room facility for both boys and girl is available.

The College has 135 pcs computers in total located in the office, library and Departments. The maintenance of the Computers is looked after by the Computer Centre of the College. Which also gives training to the desirous staff and students on computer awareness.

The College host Netaji Subhas Open University Study Centre since 2003 admitting students in different disciplines both at UG & PG levels.

Sports facilities are available for students. There is a multi facility Gymnasium. The College has a large play ground having two Volleyball Courts, a Basket Ball court, courts for Kabadi, Khokho and

Foot Ball. A large space is available for Cricket. Some students have represented the college and University in the sports activities. The best sports men are given free ship and sports material.

The college provides limited Health care facility to staff and students through the physician appointed by the College on part time basis. The College makes efforts to keep the campus clean with the help of NSS units. The Social forestry unit, Department of Forest, Government of West Bengal plays a vital role in the campus plantation.

The College has two Hostels for the boys. Though Girls' students make up 40% of the total admissions, there is no Hostel for the girl. Common Room facility for both boys and girls is provided.

Canteen facility exists in the College run by a contractor who is provided with the required facilities by the college.

Criterion-V : Student Support and Progression :

The College publishes its Prospectus annually and it contains comprehensive information needed for prospective candidates. The information and criteria regarding admission policy are detailed clearly in the prospectus

The percentage of the students appearing for the qualifying examination after the minimum period of study is 90% and the progression to employment and higher study is 50%.

The college has a vision to prepare rural students to face the challenges of nation building. It is encouraging to note that 37 students have passed UGC/CSIR-NET and UGC SLET examinations during the last five years. Besides, some 65 students have qualified either in West Bengal School Services Commission or in West Bengal Public Services Commission. Financial aid is provided to students from the reserved category and also to the physically challenged students. There is provision for internal loan scholarship, freeship, half freeship, stipend for B.P.ed. students, Bidi Workers Welfare Scholarship, AAMRA Scholarship, Mohasin Fund etc. for deserving students. The College has potential to involve leaders on NRI's in a big way to enlist funds and allied support for developmental purpose. The college has one Career Counselling Centre and some undergraduate students got jobs last year through this cell. The college has Alumni association, and some of the Alumni are in IAS, Judicial and Allied Services, Engineers in Industry and in the University and College faculty. The local MLA is an Alumni of the college. However the Alumni Association is yet to be registered.

M. D. Singh
11.12.14

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The students are very much involved in the activities of cultural programmes and NSS work. The college may develop Alumni involvement in development work and coaching facility for students of weaker section of the society for various competitive examination.

A grievance Redressal cell looks into the grievances of students directly or through the student union giving them a platform and advises constructively. Two vigilant student unions are there to look after the interests of the students. There is one student representative in the Governing Body of the college to air grievances of the students.

Though 40% of the total admitted students are girls no womens' cell exists in the College. A Womens' cell be immediately started as per the UGC norm.

Criterion-VI : Organisation and Management :

The Panskura Banamali College is managed by its Governing Body. The College has constituted number of committees and sub committees to monitor the programmes of the College. The College has statutory Body like Teachers' Council, Non-teaching employees association and student Union. The staff council of the College meets periodically and gives suggestions to the principal in day to day administration. The college may consider constituting academic and administrative as per UGC guideline.

The College publishes its academic calendar and recently increase the student fees to augment the financial resources. The College has an internal audit mechanism. The Bursar supervises the accounts of the College which are fully computerized.)

The efficiency of the non-teaching staff is monitored by the Principal. The College organized the training programmes on the use of computer for non-teaching staff. However they may be sent for further training as per requirement. There is no proctorial system in the College, which may be taken up.

Students welfare programmes are available in the form of full and half freeships, Government stipend, and several memorial scholarships. The College also provides free medical facilities. The employees can avail GPF loans, housing loan, personal loan and also various types of loans from banks fund.

There is grievance redressal mechanism in the college. Students are welcome to air their grievances directly or through the students union.

Criterion-VII : Healthy Practices :

The college has number of healthy practices as listed below :

- The College has a process of quality checks monitored by self appraisal reports of teaching staff, regular checking of the performance of the non-teaching staff and interaction with the students and follow up action. Team spirit is stressed upon and efficiency is enhanced through the dedication and commitment of all.
- The College makes efforts to ensure allround development of students through seminar, Workshops, study tours, field excursions and communicative English classes.
- The college has developed academic linkage with some other institutions of the country and abroad.
- Developed extensive community service programme and Sarva Siksha Avijan through NSS.
- College encourages activity among students to publish departmental magazines, wall magazines and annual magazines.
- Introduced some job oriented front line area courses like Computer Science, Electronics, Microbiology, Biotechnology and P.G. courses in Computer Science on self financing basis.
- The fund raising drive of the college through NRI's is appreciable.
- The College has a spacious Auditorium, MultiGym, Photo Unit, Weather Forecasting Unit, Soil Testing Unit.
- The College has a career counselling cell.
- The College organizes annual Book fair for the benefit of the students.
- The College encourages students for creative work.

Section - 3 : Overall Analysis :

After going through the self study report and various facilities developed by the college and interacting with all the stake holders of the college, the Peer Team is of the firm opinion that the college during the last 44 years has done a great job in spreading education in rural area of West Bengal. The Peer team appreciates the performance of the students in NET examination and in competitive examinations and credentials of some teachers specially in Physics, Mathematics and

Economics. This is some thing the college should be proud of. The concept of organizing an annual book fair in the college is very good as it provides exposure to students on recently published books. Besides, the Peer Team appreciates the performance of the Career Counselling cell and fund raising efforts by the College.

However the college authorities may consider the following suggestions to achieve excellence and develop the college into a premier college of West Bengal in future years.

1. • The college may introduce some schemes like "Earn while you Learn" for the students.
2. • The College should inform parents about the academic progress of their wards periodically.
3. • The college may consider to strengthen the student facilities like book store and co-operative society and a canteen.
4. • The college may encourage more teachers to submit research projects to National and International funding agencies and should try to develop linkage with industry and international organizations.
5. • The college authorities should take steps to fill up the 18 vacant teaching posts as early as possible and also regularize the services of the temporary Guest lecturer in a phased manner by regular selection procedure.
6. • The college may provide staff quarters to the faculty and non-teaching staff so that the campus becomes more residential type, conducive for achieving excellence in the academics.
7. • Although the faculty of science is strong, more permanent teachers be appointed and laboratory facilities be further strengthened. Honours students may be encouraged to pursue project work on the problems of the area.
8. • Quantitative options for Bioscience and Biotechnology students should be provided and statistics should be introduced as a subject in the college.
9. • Considering the resource potential of the area sericulture, floriculture, aquaculture, vermiculture etc. subjects be introduced as Diploma/Certificate Courses.
10. • For weaker section of students and for needy students bridge courses may be offered.
11. • The college may consider to register the Alumni Association and involve alumni in raising funds and other productivity activities more effectively.

- 12. • The college may arrange more Seminars to provided exposure to the students and faculty.
- 13. • The performing teachers in teaching, research and community work should be identified their contribution be recognized.
- 14. • The library should be fully computerized and it requires strengthening with regard to journals and magazines and recent publication of text books and reference books.
- 15. • The college should make efforts to become autonomous and introduce semester oriented modular courses.
- 16. • Opening of more PG courses in front line areas may be considered.
- 17. • The grievance redressal cell may be strengthened in involving senior faculty and outside experts.
- 18. • Proctorial system be introduced .
- 19. • Womens' cell be constituted.
- 20. • Although some departments have been obtaining students feed back, the College should introduce student feed back system on the extent coverage of courses and their application to real life situation, the clarity and relevance of reading materials, the overall programme rating and performance of the teachers as a policy. This system if introduced will provide with good feed back for toning up the academic and administration set up.

The Principal and the College Management have done a great job for furthering the cause of education in the rural area of West Bengal and by opening new job oriented courses in interdisciplinary subjects. The efforts of Dr. S. Mandal, the Principal of the College and faculty are appreciable and the Peer Team wishes to thank the Principal, staff, President, Member of the College Management, Steering Committee Co-ordinators, Faculty and students for helpful support during the visit.

Name and signature of the Peer Team members.

M. C. Dash
Prof. M. C. Dash
Chairman

M. D. P. Rao
Prof. M. D. P. Rao
Member Co-ordinator

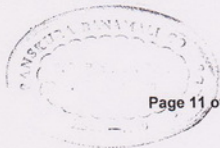
Shukla Mahanty
Dr. Shukla Mahanty
Member

I agree with the observations and recommendations made by the Peer Team Members.

Name and signature of the Head of the Institution (Principal).

Dr. Subrata Mandal
(Dr. Subrata Mandal)
Dt. 11th December, 2004.

Principal
Panjab University College



ANNEXURE - IV

Master Plan of the Institute

PANSKURA BANAMALI COLLEGE CAMPUS



INDEX

1. Administrative Building
2. Prafulla Ch. Bhavan
3. Rabindra Bhavan
4. Vidyasagar Bhavan
5. Jagadish Ch. Bhavan
6. Golden Jubilee Building
7. Auditorium
8. Gymnasium Building
9. Indoor Sports Complex
10. Boy's Hostel
11. Girl's Hostel
(Under Construction)
12. Student Canteen
13. Cycle Stand
14. Swimming Pool
15. Basket Ball Court
16. Bank
17. Garden

87°44'35"E

87°44'30"E

22°23'45"N

22°23'40"N

87°44'35"E

87°44'30"E

22°23'45"N

22°23'40"N

Map prepared by P.G Department of Geography

ANNEXURE - V

XIIth Plan General Development Grant from UGC

All communications are to be addressed to the Joint Secretary by designation and not by name



BY SPEED POST

UNIVERSITY GRANTS COMMISSION
EASTERN REGIONAL OFFICE
LB 8 Sector III Salt Lake, Kolkata 700 098
Phone : (033) 2335 4767
Fax : (033) 2335 0586
E-mail : ugzero_Kolkata@yahoo.in

February, 2014

14 MAR 2014

Sanction No.218456

No: F.WV6-016/12-13(ERO)

√ The Accounts Officer
Eastern Regional Office,
University Grants Commission,
Kolkata.

Sub: Release of 15% "Adhoc On account Grant" under the scheme of Under Graduate Development Assistance during XII Plan period.

Sir/Madam,

As per the decision taken in the Commission meeting held on 19th July 2012, 25% of allocation of XI Plan College Development Assistance was released as on account grant for XII Plan period. Now the Commission has decided to release up to 40% of GDA allocated to the individual colleges during XI plan period, including 25% of grant already released earlier to the colleges during XII Plan. Accordingly, I am directed to convey the sanction of the Commission for payment of Rs.165000/- to Panskura Banamali College, Panskura, Midnapore (East, West Bengal 721152) for the XII Plan period as detailed below

XI Plan Allocation under GDA (Rs.)	25% of GDA grant already released (Rs.)		15% of GDA grant being released (Rs.)		Total grant released for XII Plan (40% of XI Plan allocation) (Rs.)	
1100000/-	Books & Journals	137500/-	Books & Journals	82500/-	Books & Journals	220000/-
	Equipment	137500/-	Equipment	82500/-	Equipment	220000/-
	Total	275000/-	Total	165000/-	Total	440000/-

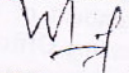
2. The sanctioned amount is debitible to Head of Account as detailed below. (Capital Assets 35)

Amount sanctioned (Rs.)	For General (77.5%) (Rs.)	For SC 15% (Rs.)	For ST 7.5% (Rs.)
165000/-	127875/- 1.B(i)(b)	24750/- 1B(i)h(ii)b	12375/- 1.B(i)h(ii)b

3. The sanctioned grant may be treated as "Adhoc On account" grant for XII Plan. The allocation made now is Provisional Allocation and the final allocation would be made on finalization of XII Plan Guidelines. The grants sanctioned now would be adjusted against the XII Plan allocation to be made subsequently on the basis of assessment.
4. Further it may be noted that the college has to necessarily submit their XII Plan proposals claiming not less than the sanctioned amount for Books & Journals & Equipment as detailed above in their 12th plan proposals.
5. The amount of the grant shall be drawn by the Accounts Officer, UGC, ERO, Kolkata (Drawing and Disbursing Officer), University Grants Commission, on the Grant-in-Aid bill and shall be disbursed to and credited to grantee as above through Electronic mode as per the following detail
- (a) Details (Name & Address) of Account Holder:
Principal, Panskura Banamali College, Panskura, Midnapore (East, West Bengal 721152).
- (b) Account No.:10460529081
- (c) Name & Address of Branch: State Bank of India, Panskura
- (d) MICR Code of Branch:
- (e) IFSC Code:SBIN0010423
- (f) Type of Account: SB/Current/Cash Credit.
6. The grant is subject to the adjustment on the basis of Utilization Certificate in the prescribed proforma submitted by the College/Institution.
7. The University/College shall maintain proper accounts of the expenditure out of the grants which shall be utilized only on approved items of expenditure and ensure proper labeling of the items purchased.
8. The University/Institution may follow the General Financial Rules, 2005 and take urgent necessary action to amend Their manuals of financial procedures to bring them in conformity with GFRs, 2005 and those don't have their own approved manuals of financial procedures may adopt the provisions of GFRs, 2005 and instructions/Guidelines there under from time to time.

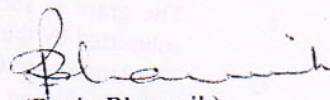
9. The Utilization Certificate to the effect that the grant has been utilized for the purpose for which sanctioned shall be furnished to the University Grants Commission as early as possible after the end of the current financial year. Balance grant will be released only on receipt of audit UC and Statement of Expenditure etc., signed by the Chartered Accountant.
10. The assets acquired wholly or substantially out of the University Grants Commission's grant shall not be disposed or encumbered or utilized for the purpose other than those for which the grant was given, without the proper sanction of the University Grants Commission and should, at any time the College ceased to function, such assets shall revert to the University Grants Commission.
11. The University/College/Institute shall maintain a Register of Assets acquired wholly or substantially out of the Grants in the prescribed form.
12. The grantee institution shall ensure the Utilization of grants-in-aid for which it is being sanctioned/paid. In case of non-Utilization/part utilization, or mis-utilization of grants sanctioned by the Commission for the purpose for which these were approved and in accordance with the terms and conditions of the approval or does not furnish the required documents or is disaffiliated from the University the entire amount paid by the Commission shall be refunded by the College with **simple interest @ 10% per annum** as amended from time to time on unutilized amount from the date of drawl to the date of refund as per provisions contained in General Financial Rules of Government of India will be charged.
13. **The grants should not be used for Self-Financing/Unaided Courses.**
14. It may be noted that the accounts of the grant-in-aid institution shall be subject to inspection by Officers of the ERO, UGC, Kolkata.
15. **The interest earned by the University/College/Institute on this grants in aid shall be treated as additional grant and may be shown in the U.C./Statement of expenditure to be furnished by grantee institution.**
16. The University/College shall follow strictly the Government of India/UGC's guidelines regarding implementation of the reservation policy [both vertical (for SC, ST & OBC) and horizontal (for persons with disability etc.)] in teaching and non-teaching posts.
17. The University/College shall fully implement the Official Language Policy of the Union Govt. and comply with the Official Language Act, 1963 and Official Languages (used for official purposes of the Union) Rules, 1976 etc.
18. The sanction issues in exercise of the delegation of powers vide UGC Order No. 130/2013 [F.No.10-11/12(Admn.IA&B)] dated 28/5/2013.
19. The University/Institutions shall strictly follow the UGC Regulations on curbing the menace of Ragging in Higher Education Institutes, 2009.
20. **The University/Institutions shall take immediate action for its accreditation by National Assessment & Accreditation Council (NAAC).**
21. The accounts of the University/Institutions will be open for audit by the Controller & Auditor General of India in accordance with the provisions of General Financial Rules, 2005.
22. The annual accounts i.e. balance sheet, income and expenditure statement and receipts and payments are to be prepared strictly in accordance with the Uniform Format of Accounting prescribed by Government.
23. Funds to the extent of Rs. _____ are available under the scheme.
24. This issue with the concurrence of UGC vide Diary No.192 (UGC) dated 09.01.2014
25. This issue with the approval of _____ vide Diary No. _____ dated _____

Yours faithfully,


(Dr. Mohammad. Arif)
Joint Secretary

Copy forwarded for information and necessary action to:

1. **Principal, Panskura Banamali College, Panskura, Midnapore (East, West Bengal 721152).**
He/She is requested to abide by these instructions/Guidelines of sanction order
2. Registrar/ Director, Co-ordinator, College Development Council, Vidyasagar University
3. Auditor General, Govt. of West Bengal
4. The Secretary, Higher Education, Govt. of West Bengal
5. The Director of Public Instructions (Higher Education) Govt. of West Bengal


(Pooja Bhaumik)
Education Officer



Phone : 03228-252222

PANSKURA BANAMALI COLLEGE

Largest Rural Based & NAAC Accredited 'A' Grade College (2005-10)

E-mail : principal.pbc@gmail.com

Memo No. P.B.C. 719/2015

Date : 31 DEC 2015

CERTIFICATE OF COMPLIANCE


This is to certify that, Panskura Banamali College, Panskura, West Bengal, fulfils all norms:

1. Stipulated by Vidyasagar University, Paschim Medinipur
2. Regulatory council/Body- University Grants Commission
3. The affiliation and recognition is valid as on date.

It is noted that NAAC's accreditation, if granted, shall stand cancelled automatically, once that Institution loses its University affiliation or recognition by the regulatory Council as the case may be.

In case the undertaking submitted by the Institutions found to be false then the accreditation given by NAAC is liable to be withdrawn. It is also agreeable that the undertaking given to NAAC will be displayed on the college website.

Date: 31st December, 2015.
Place: Panskura, Purba Medinipur


Dr. Nandan Bhattacharyya
Principal

Principal
Panskura Banamali College





Phone : 03228-252222

PANSKURA BANAMALI COLLEGE

Largest Rural Based & NAAC Accredited 'A' Grade College (2005-10)

E-mail : principal.pbc@gmail.com

Memo No. P.B.C. 720/2015

Date : 31 DEC 2015

Declaration by the Head of the Institution

I certify that the data included in this Self Study Report (SSR) are true to the best of my knowledge.

This SSR is prepared by the College after internal discussions and no part thereof has been outsourced.

I am aware that the Peer team will validate the information provided in this SSR during the peer team visit.

Place: Panskura

Date: 31st December, 2015

Signature of the Head of the Institution

Principal
Panskura Banamali College





Self Study Report

Vol. – II



Panskura Banamali College

Panskura, Purba Medinipur
West Bengal

December 2015

Self Study Report (Vol. II)

Submitted to

**National Assessment and Accreditation Council
for Re-Accreditation (2nd Cycle)**



Website: www.panskurabanamalicollege.org

E.mail: principal.pbc@gmail.com

Phone: 03228-252222 (Office)

09434453188 (Principal)



Panskura Banamali College

Panskura, Purba Medinipur

West Bengal

December, 2015

Section -F
Departmental Profiles

Track ID No: WBCOGN 12096
PANSKURA BANAMALI COLLEGE
PURBA MEDINIPUR - 721152
WEST BENGAL

(Volume – II)

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SECTION E: APPROVAL OF COURSES BY AFFILIATING UNIVERSITY

1.

DEPARTMENT OF BENGALI



1. DEPARTMENT OF BENGALI

1. ***Name of the Department:*** DEPARTMENT OF BENGALI
2. ***Year of Establishment:***
 1961 - UG General,
 1963 - UG Honours and
 2013 - PG
3. ***Names of Programmes/Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.):***
 a. UG-General,
 b. UG –Hons. & PG
4. ***Names of Interdisciplinary courses and the departments/units involved:***
 Yes. Tagore Studies in English Department.
5. ***Annual/Semester/Choice based Credit System (programme wise):***
 UG Section (Hons & General): Internal Assessment & Annual System
 PG Section: Semester : Internal Assessment & Semester System
6. ***Participation of the department in the courses offered by other departments:*** Special classes are taken in English Department.
7. ***Courses in collaboration with other universities, industries, foreign institutions, etc.:*** Nil
8. ***Details of courses/ programmes discontinued (if any) with reasons:*** Nil
9. ***Number of Teaching posts:***

Teaching Posts	Sanctioned	Filled
Professors	-	-
Associate Professors	-	03 (CAS)
Asst. Professors	07	06 (03) Promoted to Associate Prof through CAS
PTT (Govt. approved)	03	03
UG-Guest Lecturer (GB approved)	01	01
CWTT (Govt. approved)	-	00



12. Faculty profile with name, qualification, designation, specialization, (D.Sc. / D.Litt. / Ph.D. / M.Phil. etc.)

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D. Students guided for the last 4 years
Dr. Biswaranjan Ghorai	M.A., Ph.D	Associate Professor	Folk and Medieval Literature	28 yrs.	4
Dr. Shyamali Das	M.A. Ph.D	Associate Professor	Literary Techniques	18 yrs	Nil
Dr. Keya Samanta	M.A. Ph.D	Assistant Professor	Fiction Studies	15 yrs.	Nil
Dr. Apu Das	M.A. Ph.D	Associate Professor	Comparative Literature	21 yrs.	Nil
Avishek Mandal	M.A., M.Phil.	Assistant Professor	Fiction Studies	1yr.	Nil
Madhubanti Shome	M.A. M.Phil,	Assistant Professor	Tagore Literature	1yr.	Nil
Dr. Manoj Pramanik	M.A Ph.D	PTT (Govt. Approved)	Modern Poetry	17 Yrs	Nil
Sajal Dolai	M.A	PTT (Govt. Approved)	Folklore	13 yrs	Nil
Dipali Das	M.A	PTT (Govt. Approved)	Drama	12 yrs.	Nil
Dr. Pradyot Chakraborty	M.A, PhD	Guest Lecturer (UG)	Fiction Studies	1 yr.	Nil

13. List of senior visiting faculty:

Sl. No.	Name	Designation	Institution
1.	Dr.Srutinath Chakraborty	Professor	Vidyasagar University
2.	Dr. Banirajan De	Professor	Vidyasagar University
3.	Dr. Gakulananda Mishra	Ex. Reader	Panskura Banamali College



4.	Dr. Sukhen Biswas	Professor	Kalyani University
5.	Dr. Biplab Chakraborty	Ex. Professor	Burdwan University
6.	Dr. Jayita Dutta	Associate Professor	Bethun College
7.	Dr. Jayanta Mistri	Associate Professor	Bethun College
8.	Dr. MridulaKundu ,	Associate Professor	TamraliptaMahavidyalay
9.	Sri. Gobinda Prasad Barman	Assistant Professor	Siddheswari College
10.	Dr.TarapadaBera	Assistant Professor	TamraliptaMahavidyalay
11.	Dr. Nirmal Kr. Mandal	Associate Professor	Viswa-Bharati University
12.	Dr. Saroj Kr. Pan	Associate Professor	Vidyasagar University

14. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty:

2014-15

	Year	Total Classes (per Week)	Classes taken	% of Classes
UG (G)	1st yr	05	01	20%
	2nd yr	05	02	40%
	3rd yr	02	00	00%
UG (H)	1st yr	20	02	10%
	2nd yr	26	02	08%
	3 rd yr	27	00	00%
PG	1st sem/3rd sem	24	12	50%
	2nd sem/4th sem	24	12	50%

**2013-14**

	Year	Total Classes (per week)	Classes taken	% of Classes
UG (G)	1st yr	05	01	20%
	2 nd yr	06	02	30%
	3 rd yr	03	00	00%
UG (H)	1 st yr	20	02	10%
	2 nd yr	26	02	08%
	3 rd yr	27	00	00%
PG	1 st sem/3 rd sem	24	12	50%
	2 nd sem/4 th sem	24	12	50%

2012-13

	Year	Total Classes (per week)	Classes taken	% of Classes
UG (G)	1st yr	05	00	00%
	2 nd yr	05	00	00%
	3 rd yr	02	00	00%
UG (H)	1 st yr	20	00	00%
	2 nd yr	26	00	00%
	3 rd yr	27	00	00%

2011-12

	Year	Total Classes (per week)	Classes taken	% of Classes
UG (G)	1st yr	05	00	00%
	2 nd yr	05	00	00%
	3 rd yr	02	00	00%
UG (H)	1 st yr	20	00	00%
	2 nd yr	26	00	00%
	3 rd yr	27	00	00%



15. Student-Teacher Ratio (programme wise):
2014-15

	Year	No. of Students	No. of Teachers	Ratio
UG (G)	1st yr	420	10	42:1
	2nd yr	555	10	55:1
	3rd yr	296	10	30:1
UG (H)	1st yr	149	10	15:1
	2nd yr	111	10	11:1
	3 rd yr	93	10	10:1
PG (From 2013-14)	1st sem/3rd sem	50	12	5:1
	2nd sem/4th sem	40	13	4:1

2013-14

	Year	No. of Students	No. of Teachers	Ratio
UG(G)	1st yr	469	08	58:1
	2 nd yr	478	08	59:1
	3 rd yr	302	08	38:1
UG(H)	1 st yr	131	08	16:1
	2 nd yr	106	08	13:1
	3 rd yr	113	08	14:1
PG (From 2013-14)	1 st sem/3 rd sem	50	12	5:1
	2 nd sem/4 th sem	40	13	4:1

2012-13

	Year	No. of Students	No. of Teachers	Ratio
UG (G)	1st yr	456	07	65:1
	2 nd yr	502	07	71:1
	3 rd yr	312	07	44:1
UG (H)	1 st yr	128	07	18:1
	2 nd yr	123	07	18:1
	3 rd yr	99	07	14:1



2011-12

	Year	No. of Students	No. of Teachers	Ratio
UG(G)	1st yr	412	07	59:1
	2 nd yr	496	07	71:1
	3 rd yr	336	07	48:1
UG(H)	1 st yr	127	07	18:1
	2 nd yr	101	07	14:1
	3 rd yr	88	07	12:1

16. *Number of academic supports taff (technical) and administrative staff; sanctioned and filled: 1 (appointed by the college on temporary basis)*

17. *Qualifications of teaching faculty with D.Sc. / D.Litt. /Ph.D. /M.Phil./ PG*

Sl. No.	Name of the Teacher	PG	M. Phil.	Ph.D.	D. Lit.	D. Sc.
1.	Dr. Biswaranjan Ghorai	✓	-	✓	-	-
2.	Dr. Shyamali Das	✓	-	✓	-	-
4.	Dr. Keya Samanta	✓	-	✓	-	-
3.	Dr. Apu Das	✓	-	✓	-	-
5.	Avishek Mandal	✓	✓	-	-	-
6.	Madhubanti Shome	✓	✓	-	-	-
7.	Dr. Manoj Pramanik	✓	-	✓	-	-
8.	Sajal Dolai	✓	✓	-	-	-
9.	Dipali Das	✓	-	-	-	-
10.	Dr.Pradyot Chakraborty	✓	-	✓	-	-

18. *Number of faculty with ongoing projects from a) National b) International funding agencies and grants received:*

Name of the PI	Duration	Funding Agency	Allocated	Received	Status
Dr. Biswaranjan Ghorai	2009-2011	UGC	1,42,000	1,11,000	Completed
Dr. Shyamali Das	2009-2011	UGC	100000	1,00,000	Completed
Dr. Keya Samanta	2009-2011	UGC	1,15,000	1,15,000	Completed

19. *Departmental projects funded by DST-FIST; UGC, DBT, ICSSR, etc. and*



total grants received: Nil

20. Research Centre / facility recognized by the University: Nil

21. Publications:

- a) Publication per faculty
- b) Number of papers published in peer reviewed journals (national/international) by faculty and students:
- c) Number of publications listed in International Database (For Eg: Web of Science, Scopus, Humanities International Complete, Dare Database-InternationalSocialSciences Directory, EBSCO host, etc.):
- d) Monographs
- e) Chapter in Books:
- f) Books Edited:
- g) Books with ISBN / ISS Nnumbers with details of Publishers:
- h) Citation Index:
- i) SNIP:
- j) SJR:
- k) Impact factor:
- l) h-index:

Name	a	b	c	d	e	f	g	h	i	j	k	l
Dr. Biswaranjan Ghorai	9				3		3					
Dr. Shyamali Das	1						1					
Dr. Keya Samanta	8				4		4					
Dr. Apu Das	41				12		2					
Sri Avishek Mandal	12				1		8					
Smt. Madhubanti Shome	21				3	2	9					
Dr. Manoj Pramanik	1						1					
Sri Sajal Dolai												
Smt. Dipali Das												
Dr.Pradyot Chakraborty												



ANNEXURE – I : PUBLICATIONS

BOOKS

Dr. Biswaranjan Ghorai

1. Lochondaser Coitnyamangal Sahitylok. Kolkata, 2000 ISBN- 81-86946-53-5
2. Lolachandaser Durllovesar Jaladarchi ISBN 978-83-83798-01-8
3. Prabandha Samucchay Jaladarchi ISBN 978-83-83798-19-3

Dr. Shyamali Das

1. Bankurhar Janashipa Dhara O Shilpi Samaj, Prantar, ISBN 978-81-928200-1-9, 2015

Dr. Keya Samanta

1. Samaj Rupantare Rarh Bangla : Tarashankar- Mahasweta Debi , Srinjan Kolkata ,ISBN :978-93-80755-58-8, 2015

Dr. Apu Das

1. Bānglā Sāhityer Madhyayug : Nārībadī Pāṭ'h , Banishilpa , Kolkata 2006
2. Mānasī : Nibhr̥ta e Cittamājhe , Ratnabali, Kolkata, 2008

Madhubanti Shome

1. Jyotirmoyee Devir Chhotogalpo Ebong Rajasthan, Abhijan Publishers Kolkata. ISBN 978-93-80197-02-9, 2013
2. Madhubanti Shome: Upalabdhir Utsa Theke, Abhijan Publisher, Kolkata, ISBN 978-93-80197-07-4,2010

Dr. Manoj Pramanik

1. Sahityik Purnendu, Akshar Prakashani, Kolkata, ISBN 9879382-041368,2015

BOOKS EDITED

Madhubanti Shome

1. Madhubanti Shome, Pathe Aantarpathe Hasan Azizulhuq-er Bidhabader Katha, Dana, Kolkata. ISBN 978-81-920076-0-1, 2010
2. Madhubanti Shome, Satabarshe Manto: Phire Dekha Phire Paoa, Sahitya Sangee, Kolkata. ISBN 978-93-82045-64-9, 2013

CHAPTERS IN BOOKS

Dr. Biswaranjan Ghorai

1. Chharha, Dhandhan, Prabad, Prabachan, Medinipur (Tin), 1993
2. Chharhay Pournik Upadan, Banglar Chharha Chharhar Bangla, 2007



3. Chharha Boichitra, Medinipurer Lokosanskiti, 2012

Dr. Keya Samanta

1. Titas ekti nadir nam: mrityur abhighate antahin jiboner cholomanota, Titas sosta AdaitaMallabarman: Jiban,Srijan o Rupayan. Ed. – Arup kr. Das, Bama.Pustakalay
2. Aranyer Adhikar : Swadhikar Arjaner Larai, Pratibader Upanyas .Ed. Debabrata Biswas Banglar Mukh ISBN 978-81-921186-7-3
3. Kuyasha rater cheye Andhakar Din, Pratibader Natak .Ed. Debabrata Biswas Banglar Mukh ISBN 978-81-921186-6-6
4. Sanjsakaler ma:Dharmer adhatikm ahima apekha manab mohimai sestotato, Ekaler choto galpo:bishoy o anghiker prekhite,Edi- Parthasarathi Hati,Sahityasanghi,

Dr. Apu Das

1. Jibanānander Galpo: Dwoita Samparker Binyās in Jibanander Katha Sahity, Ed. Dr. Ramendranarayan Nag, Katha O Kahini, Kolkata ,1999
2. Loknāth Battāchāryaer Chārti Upanyās: Bāk-er Sandhāne in Loknath Bhattacharyay: Jibon O Sahitya, Ed. Bitashok Bhattcharyay, Ebong Mushayera, Kolkata,2000
3. Bānglār Loksāhitye Nārider Sthān O Dān in Prabandha Sanchayan Ed. Dr. Satyabati Giri & Dr. Samaresh Majumdar, Ratnabali, Kolkata ,2006
4. Nāginī Kanyār Kāhinī: Nārī O Nāginī, in Tarashankarer Nagini Kanyar Kahini: Pathkendrikathay, Ed. Dhruvakumar Mukhopadhyay, Ratnabali, Kolkata,2008
5. Banophuler Galpaa: Kyanbhāsār, in Galpacharcha, Ed. Ujjwalkumar Majumdar, Bangiya Sahitya Samsad, Kolkata, Kolkata,2008
6. Himsa-ahimsa in Ananya Manik WBCUTA Midnapore, P-104-113, July 2009
7. Bhumika: Banaphul Rachana samagraha (Vol. 5), Banishilpa Kolkata, P. 11-22,2012
8. Bhumika: Banaphul Rachana samagraha (Vol. 7), Banishilpa Kolkata, P. 11-22,2013
9. Bhumika: Banaphul Rachana samagraha (Vol. 8), Banishilpa Kolkata, P. 11-22,2013
10. Bhumika: Banaphul Rachana samagraha (Vol. 13), Banishilpa Kolkata, P. 11-22,2013
11. Bhumika: Banaphul Rachana samagraha (Vol.14), Banishilpa Kolkata, P. 11-22,2013
12. Bhumika: Banaphul Rachana samagraha (Vol.1 5), Banishilpa Kolkata, P. 11-22,2013

Avishek Mandal

1. Lipika: Noishabder Aksharmala in Rabindranath: Anya Matray, Anya Borne, Kolkata 2011



Madhubanti Shome

1. Saisaber Sai, Prasanga: Sishusahitya, Ashabari Publication, Kolkata. ISBN 81-89468-85-5, 2012
2. Bidhabader Katha: AndharerNaihshabda, AlorPratisruti, PatheAantarpathe Hasan Azizulhuq-erBidhabader Katha, Dana, Kolkata. ISBN 978-81-920076-0-1, 2010
3. Mantor Galpa: Kichu Katha Kichu Anubhab Satabarshe Manto: Phire Dekha Phire Paoa, Satabarshe Manto: Phire Dekha Phire Paoa, Sahitya Sangee, Kolkata. ISBN 978-93-82045-64-9, 2013

JOURNALS

Dr. Biswaranjan Ghorai

1. Panchmurhar Ghorha, College Street Patrika, 1993
2. Poribesh Rokhay Lokosanskar O Lokobiswas, Srijan, 2012
3. Punthi Samgrah O samasya , Anustup , 2015

Dr. Keya Samanta

1. Padma Dighir Bedini : Sanjam o Bhoggerdwandwa', Nirjan Swarkhar – editor Himadrisakhar Joddar, January -June 2008
2. Subodh Ghosher Uponyaser Rajnaitikdarshan', Ujagor', editor Uttam Purokait, 2008
3. Rarh Banglar Adibasi Sompradayer Artha-samajik Unnayan: Ekti Pratibedan, Shinjan (ISSN 2454-3322)

Dr. Apu Das

1. Gañatantrer Bhút ,Dulung, Kharagpur ,P- 3-10, April 2004
2. Nildarpan : Bidroha O Jātiyatabād ,Dulung,Kharagpur ,P- 23-42, Nov.1994
3. Khelā Bhāngār Khelā, Dulung, Kharagpur, P- 9-19, Dec. 1994
4. Sambād Parte Parte, Dulung, Kharagpur ,P- 27-45, April 1996
5. Rāsundarír Ámār Jiban : Pinjar-badha bihangí, Dulung, Kharagpur, P- 13-33, April 1996
6. Abhibāsan ,Dulung, Kharagpur, P- 57-66, June 1996
7. Purnendu Patrír Premer Kabitā, Dhansiri, Medinipur P.-21-33, 1996
8. Yei Sab Sheyalarā, Dulung, Kharagpur ,P- 27-31, Dec.1998
9. Kabi Girindrmohiní Debi : Dulung, Kharagpur, P- 51-59, Sept.1999
10. Nāmkaraner Rājniti ,Erina Jhargram,P- 9-16, Sept.1999
11. Ranjit Gupter Kabitā, Dulung, Kharagpur, P- 4-16, Aug.2000
12. Anna : Sāhityik Ullekh, Dulung,Kharagpur ,P- 25-19, Aug.2001
13. Afganisthan : Soiyad Mujtaba Alir Choke, Dulung, Kharagpur, P- 6-12, Oct.,2001



14. Swādhikārer Swapna, Dulung, Kharagpur, P- 16-23, Oct. 2001
15. Ātmaparichyer Rājniti, Dulung, Kharagpur, P- 25-39, July 2002
16. Gopāl Bhānrer Galpo, Dulung, Kharagpur, P- 24-31, Oct.,2002
17. Sūrya Dekhā Holo Anek Anek, Anustup, Kolkata , July 2003.
18. Edward Said-er Orientalism, Dulung, Kharagpur, P- 2-9, Oct.,2003
19. Pathe Pathei Bāsā Bāndhi, Jaladarchi, Mugberia, P. 36-40 Dec. 2004
20. Gañatantrer Bhút, Dulung, Kharagpur, P- 3-10, April 2004
21. Smiti Sattā Bhabishyt: Sabyasāchi Deber Kabitā. Ebong Mushayare, Kolkata, P. 218-229,2005
22. Galpokār Buddhadev Basu, Jalarka, Kolkata, P-104-115, Jan.,2008
23. Aronya : Ebong Bānglā Sāhitya , Bhumadhyasagar, Asansol, P.47-59, June, 2010
24. Kabitār Nirmāṇ : Bitashok Bhattāchāryer Kabitā, Jalarka, Kolkata, January 2013.
25. Bitashok Bhattacharyer Kabita, Dulung, Kharagpur, P- 5-9, June, 2013
26. Kabi Bhudeb Bandhyopadhyay, Dulung, Kharagpur, P- 47-53, June 2013
27. Kabir Kanthaswar : Mukh O Mukhacchnad, Jalarka, Kolkata, P 7-27, January 2015

Avishek Mandal

1. Mitakathaner Pakshalay Reality-r Nirjas: Banaphuler Duti Galpa
2. Santoshkumar Ghosher Galpa :Ahata Manushyittwrer Anatarbas, Tabu ekalabya, 2011
3. Ma-bhumir Adhikar : Prtirodher Ulgulan O Chottir Tir ISSN 0976-9463,2011
4. Cheleke Histri Parate Giye : Natun Venuser Pratishruti ISSN 0976-9463,2012
5. Manoj Basur Galpe Prantiya Dkshinbanga ISSN 2278-4578,2012
6. Rabhader Grihanirman : Achar-Bichar ISBN 978-93-82042-01-3,2012
7. Sannyas O Boiragy Dharma' Prasange M N. Roy in Jijnasa,2012
8. Rituparner Pratham Juger Chabite Linga- Rajniti ISSN2348-6244,2014
9. Deborshi Sarogir Galpa: Darshanik Beekshar Atati, ISSN 0976-9463, 2014
10. Shachin Daser Galpa : Nadi-Aranyer Buke Nipiriter Bhasha ISSN 2278-4578, 2015
11. Sundarbaner Bhuprakiti-Jalabayu EbongAnchalik Itihas ISSN 2349-9486,2015

Madhubanti Shome

1. Pitamaheer Pakhi: Jahanara Naoshiner Batikramee Sristi, Kaler Kantha: Shilalipi (Dhaka), 2010



2. Karuna: Rabindra-Upanyaser Purbabhash, Anjali (Dhaka), 2010
3. Lag Velki Lag: Rupaker Rupkatha, Review Preview, 2010
4. Ek Boipoka Baloker Katha, Rabindreshana, Kolkata 2010
5. Pitamaheer Pakhi: Swapna O Samayer Sahabas, Review Preview, Kolkata 2010
6. Tinsangee: Naree-Purusher Samya, Anandadhwani (Khulna), 2011
7. Sanskriti O Rabindranath Prasange William Radice, Kali O Kalam (Dhaka), 2011
8. Shikarher Dana, Danar Shikarh, Review Preview, Kolkata 2011
9. Bouthakuranir Hat : Bhabnar Abandhya Prayas, Balmiki, Kolkata 2011
10. Utsaber Itihas: Aaposher Japan-chitra, Nirantar, Kolkata 2012
11. Tirthaprasader Kabita: Simar Majhe Asim Darshan, Samay Tomake, Kolkata 2013. ISSN 2231-5802 2013
12. Batikkrami Ananya: Jyotirmoyee Devi, Ekush Shatak, Kolkata 2014
13. Prabashi Sahityik Jyotirmoyee Devir Kalome Anyo Rajasthan, Rabindrabharati Biswavidyalaya, Bangla Bibhagio Kolkata 2015 ISSN 2320-3633
14. Saiyad Mujtaba Sirajer Galpo: Rupkathar Naba Rupayan, Boishakhi, Kolkata. 2015

22. Areas of consultancy and income generated: Nil

23. Faculty as members in: Nil

- a) National committees
- b) International Committees
- c) Editorial Boards....

24. Student projects:

- a) Percentage of students who have done in-house projects including inter departmental/ Programme:

	Course	Paper	% of Student are involved
b)	UG(H)	VIII	100%
	PG (From 2013-14)	4 th sem	100%

Percentage of students placed for projects in organizations outside the institution i.e., in Research laboratories / Industry / other agencies: Nil

25. Awards / Recognitions received by faculty and students: Nil

26. List of eminent academicians and scientists / visitors to the department:

1. Dr. Soumen Kr. Mahapatra (Ex. Teacher of Pingla Thana



Mahavidyalaya and Honourable Minister West Bengal Govt.)

2. Prof. Dr. Biplab Chakraborty (Eminent Professor B.U., C.U. and Belur University).

27. Seminars / Conferences / Workshops organized & the source of funding
a) National b) International:

Sr. No.	Seminar/ Conference/ Workshops	Nature	Year	Sources of Funding
1.	Seminar	National	2012	UGC

28. Student profile programme/course wise:

Name of the Course/programme (refer question no. 4)	Applications received (during admission in the First Year/Semester)		Selected	Enrolled		Pass percentage
				M	F	
Bengali (Hons)	14-15	646	149	34	115	99.11
	13-14	821	131	43	88	98.98
	12-13	609	128	25	103	97.80
	11-12	878	127	39	88	97.00
Bengali (PG)	14-15	by VU	42	15	27	100.00
	13-14	by VU	40	06	34	100.00

*M=Male *F=Female

29. Diversity of Students

Name of the Course	% of students from the same state	% of students from other States	% of students from abroad
UG (Hons.)	100%	-	-
UG(General)	100%	-	-
PG	100%	-	-



30. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc: **Records Not available**

31. *Student progression*

Student progression	Against % enrolled
UG to PG	70% Tentative
PG to M.Phil.	Records Not available
PG to Ph.D.	Records Not available
Ph.D. to Post-Doctoral	Records Not available
Employed • Campus selection • Other than campus recruitment	Records Not available
Entrepreneurship/Self-employment	Records Not available

32. *Details of infrastructural facilities:*

- Library: **Central library & Departmental Library (Seminar Library)**
- Internet facilities for Staff & Students: **Yes**
- Class rooms with ICT facility: **Yes**
- Laboratories: **Folk Museum**

33. **Number of students receiving financial assistance from college, university, Government or other agencies:**

Year	SC	ST	OBC	PWD	Minority Scholarship
2013-14	37	05	10	-	16
2012-13	27	07	09	-	14
2011-12	59	07	08	02	10
2010-11	29	10	06	01	07

34. *Details on student enrichment programmes (special lectures / workshops / seminar) with external experts:*

- Special Lecturer for PG Students
- Publication of Wall Magazine
- Departmental Tour
- Remedial Coaching to the Backward Section of the Students



35. Teaching methods adopted to improve student learning:

- a) Power Point Presentation.
- b) Audio-Visual aids (Film and Videos on Subject Related Topic).
- c) Group Discussion
- d) Co-operative learning
- e) Project based learning
- f) Face to Face Method
- g) Use of Teaching Models and Charts

36. Participation in Institutional Social Responsibility (ISR) and Extension activities:

- a) Field Studies by Teachers & Students
- b) Extension activities organized by the Panskura Banamali College NSS units (Blood Donation Camp)
- c) Health Unit (Medical Camp)
- d) Environmental Awareness Programme
- e) Rakhi Bandhan Utsav
- f) Sports Encouragement
- g) Freshers' Welcome and Farewell Programme

37. SWOC analysis of the department and Future plans:

SWOC analysis:

SWOC	ANALYSIS
Strength	<ol style="list-style-type: none"> 1. Good numbers of meritorious students in the department 2. 97% success rate of the students 3. Qualified, competent, dedicated faculty 4. Departmental library 5. Folk museum 6. PG section 7. Internet facilities for staff & student 8. ICT Facility
Weakness	<ol style="list-style-type: none"> 1. Insufficient support staff 2. Need of camping.
Opportunity	<ol style="list-style-type: none"> 1. To arrange more Seminars and Workshops 2. To procure more books 3. To arrange more extra classes 4. Proposal for conducting Ph.D work at the department



Challenges	<ol style="list-style-type: none">1. To launch a departmental e-journal2. To motivate students in research work3. To make not only good students but also good citizens4. To create job opportunity for the students.
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Future plans:

Future plans	<ol style="list-style-type: none">1. To launch a departmental journal with ISSN numbers2. To launch a departmental e-journal3. Career counselling and placement cell4. Language laboratory.
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2.

**DEPARTMENT
OF BIOTECHNOLOGY**



2. DEPARTMENT OF BIOTECHNOLOGY

1. *Name of the department* : DEPARTMENT OF BIOTECHNOLOGY
2. *Year of Establishment* : 2003
3. *Names of Programmes/ Courses offered (UG,PG,M.Phil.,Ph.D., Integrated Masters; Integrated Ph.D., etc.)* : Under Graduate (Hons)
4. *Names of Interdisciplinary courses and the departments/ units involved* :
Computer Science, Physiology, Accountancy
5. *Annual/ semester/ choice based credits system (programme wise)* : Annual
6. *Participation of the department in the courses offered by other departments* :
Nil
7. *Courses in collaboration with othe runiversities, industries, foreign institutions, etc.* : Nil
8. *Details of courses/ programmes discontinued (if any) with reasons* :Nil
9. *Numberof Teaching posts* :

	Sanctioned	Filled
Professors	NIL	NIL
AssociateProfessors	NIL	NIL
Asst.Professors	NIL	NIL
CWTT (Govt. approved)	02	02
Guest Lecturer (GB approved)	02	02



10. Faculty profile with name, qualification, designation, specialization, (D.Sc./ D.Litt./ Ph.D./ M.Phil. etc.)

Name	Qualification	Designation	Specialization	Experience	No of Ph.D students guided for the last 4 years
Prof (Dr.) Nandan Bhattacharyya	M.Sc and Ph.D	Professor & H.O.D	DNA repair & cancer biology, nanotechnology, microbiology	25 years of teaching & research	5
Somnath De	M.Sc, M.Phil, PGDCA	CWTT	Biotechnology	11	Nil
Palash Pan	M.Sc.	CWTT	Biotechnology	05	Nil
Dr.Kalyani Khanra	M.Sc, Ph.D	Guest Lecturer	Biotechnology	03	Nil
Payel Dutta Roy	M.Sc, B.Ed	Guest Lecturer	Microbiology	03	Nil
Somnath De (Commerce)	M.Com,B.Ed ,E.Com	Guest Lecturer	Accountancy	17	Nil
Sontosh Nandi (Computer Sc.)	M.C.A	Guest Lecturer	Computer Science	07	Nil
Priyanka Ghosh (Microbiology)	M.Sc	Guest Lecturer	Microbiology	03	Nil

CWTT – Contractual Whole Time Teacher (Govt. Approved)

11. List of senior visiting faculty - Nil

12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty-

Session – 2014-15

Name	Theory	Practical
Dr.Kalyani Khanra	11.32%	0.0%
Payel Dutta Roy	03.77%	0.0%
Priyanka Ghosh	09.43%	0.0%
Sontosh Nandi	05.66%	0.0%



Session – 2013-14

Name	Theory	Practical
Dr.Kalyani Khanra	11.65%	0.0%
Kakali Bera	03.88%	0.0%
Somnath De	03.88%	0.0%
Sontosh Nandi	01.94%	0.0%

Session- 2012-13

Name	Theory	Practical
Kakali Bera	07.14%	0.0%
Somnath De	03.57 %	0.0%

Session- 2011-12

Name	Theory	Practical
Kakali Bera	07.14%	0.0%
Somnath De	03.57 %	0.0%

Session- 2010-11

Name	Theory	Practical
Kakali Bera	07.14%	0.0%
Somnath De	03.57 %	0.0%
Partha Bera	2.38%	0.0%

13. Student-Teacher Ratio (programme wise)

2014-15

Year of student	Ratio
1 st	8:1
2 nd	6:1
3 rd	2:1



2013-14

Year of student	Ratio
1 st	7:1
2 nd	1:1
3 rd	2:1

2012-13

Year of student	Ratio
1 st	3:1
2 nd	1:1
3 rd	1:1

2011-12

Year of student	Ratio
1 st	1:1
2 nd	2:1
3 rd	1:1

14. *Number of academic support staff (technical) and administrative staff; sanctioned and filled – 02 Appointed by the Governing Body*

15. *Qualifications of teaching faculty with DSc/D.Litt / Ph.D /MPhil/ PG. DSc*

D.Sc.	--
D.Litt	--
Ph.D	02
MPhil	01
PG	05

16. *Number of faculty with ongoing projects from*

a) National

b) International funding agencies and grants received – 01



Sr. No	Title of the Project	P.I	Sponsoring Agency	Amount	Period
1.	Functional analyses of .....express specifically in ovarian cancer Novel variant form of DNA polymerase beta found in ovarian cancer	Dr. Nandan Bhattacharyya	DBT, Govt. of India	42.48 Lakhs	2014-17
2.	Novel variant form of DNA polymerase beta found in ovarian cancer	Dr. Nandan Bhattacharyya	DBT, Govt of West Bengal	26.3 Lakhs	2013-16
3.	Effect of radiation....DNA polymerase beta	Dr. Nandan Bhattacharyya	UGC-DAE	8 lakhs	2014-17
4.	Biotechnology based Opportunities Offered to Science & Technology departments	Dr. Nandan Bhattacharyya	DBT, Govt of West Bengal	25 Lakhs	2014-17

17. Departmental projects funded by DST-FIST; UGC, DBT, ICSSR, etc. and total grants received: 101.78 Lakhs

18. Research Centre/facility recognized by the University: Nil

19. Publications: (Last four years) : Details see the ANNEXURE - I

a) Publication per faculty:

Faculty Name	Number of publication
Prof.(Dr) Nandan Bhattachayya	54
Dr. Kalyani Khanra	26 papers + 3 books
Mr. Somnath De	07 (International-06 ; National 01)
Priyanka Ghosh	03 (International)
Sontosh Nandi	03 (International)



b) Number of papers published in peer reviewed journals (national / international) by faculty and students.

c) Number of publications listed in International Database (For Eg: Web of Science, Scopus, Humanities International Complete, Dare Database-International Social Sciences Directory, EBSCO host, etc.)

- a) Monographs
- b) Chapter in Books
- c) Books Edited
- d) Books with ISBN/ISSN numbers with details of publishers
- e) Citation Index
- f) SNIP
- g) SJR
- h) Impact factor
- i) h-index

e) Books with ISBN/ISS Numbers with details of publishers

Name of Faculty	Title of the Book	Publishers	Year	Role
Somnath De.	Instance Notes on Immunology	Edupedia Publications PVT. LTD. ISBN-978-1516829804	2015	Author

20. Areas of consultancy and income generated : Nil

21. Faculty as members in

- a) National committees: Nil
- b) International Committees: Nil
- c) Editorial Boards: Nil

22. Student projects

a) Percentage of students who have done in-house projects including inter departmental /programme –

Session of house project	Year of student	percentage
2014-15	3 rd	100 %
2013-14	3 rd	100 %
2012-13	3 rd	100 %
2011-12	3 rd	100 %
2010-11	3 rd	100%



- b) Percentage of students placed for projects in organizations outside the institution i.e. in Research laboratories/ Industry/ other agencies – **Not Available Right Now**

23. Awards/ Recognitions received by faculty and students

Event	Title	Awarded Students	Position
State Level Poster Competition 2013-14	Route of Immortality At Least of 100 Years	1.Manish Bal	3rd
		2.Ramkrishna Middy	--
		3.Dipankar Bera	--

24. List of eminent academicians and scientists /visitors to the department –

- a) Dr. A.B. Banerjee (Sr. Scientist)
 b) Dr. Prasanta Maiti (Sr. Scientist & Head, R&D IMGENEX India Pvt. Ltd.)

25. Seminars/ Conferences/ Workshops organized & the source of funding

- a) National b) International

Event	Title	Support	Date
Seminar	“Advancement in Biological Science”	Biotech Research Society of India (BRSI)	23/03/2013

26. Student profile programme/ coursewise: (2014-15)

Nameofthe Course/programme (refer question no. 4)	Applications received	Selected	Enrolled		Pass percentage
			M	F	
1 st yr. BITH	44	44	29	15	NA
2 nd yr. BITH		27	06	04	92
3 rd yr. BITH		09	06	03	80



Student profile programme/course wise (2013-14)

Name of the Course/programme (refer question no. 4)	Applications received	Selected	Enrolled		Pass percentage
			M	F	
1 st yr. BITH	33	33	23	10	82
2 nd yr. BITH		10	06	04	90
3 rd yr. BITH		06	05	01	83

Student profile programme/ course wise: (2012-13)

Name of the Course/programme (refer question no. 4)	Applications received	Selected	Enrolled		Pass percentage
			M	F	
1 st yr. BITH	39	10	06	04	20
2 nd yr. BITH		06	05	01	85
3 rd yr. BITH		04	03	01	100

Student profile programme / coursewise: 2011-12)

Name of the Course/programme (refer question no. 4)	Applications received	Selected	Enrolled		Pass percentage
			M	F	
1 st yr. BITH	59	05	04	01	66.6
2 nd yr. BITH		10	10	0	75
3 rd yr. BITH		03	03	0	100

27. Diversity of Students-

Name of the Course	% of students from the same state	% of students from other States	% of students from abroad
BITH 2014-15	100	Nil	Nil
BITH 2013-14	100	Nil	Nil
BITH 2012-13	100	Nil	Nil



BITH 2011-12	100	Nil	Nil
BITH 2010-11	100	Nil	Nil

28. *How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.?* :Not Available Right Now

29. *Student progression*

Student progression	Against % enrolled
UG to PG	100
PG to M.Phil.	Information not available
PG to Ph.D.	Information not available
Ph.D. to Post-Doctoral	Information not available
Employed • Campus selection • Other than campus	Information not available
Entrepreneurship/ Self-	Information not available

30. *Details of Infrastructural facilities*

a) Library – YES

(College Library) –

Total Books - 223
 Biotechnology – 36
 Biochemistry - 54
 Bioinformatics- 03
 Biostatistics- 02
 Cell & Molecular Biology- 16
 Computer – 01
 Genetics- 41
 Immunology - 05
 Life Science - 10
 Laboratory Manual- 12
 Microbiology- 43

b) *Internet facilities for Staff and Students* – YES

Total	Staffs	Students
16 computers	02	14

c) *Class rooms with ICT* Yes (One)

d) *Laboratories-* Yes (Three)



31. Number of students receiving financial assistance from college, university, government or other agencies

Session 2013-14

General	SC	ST	OBC
Nil	Nil	01	01

Session 2012-13

General	SC	ST	OBC
Nil	01	Nil	01

Session 2011-12

General	SC	ST	OBC
Nil	02	01	03

Session 2010-11

General	SC	ST	OBC
Nil	04	Nil	01

32. Details on student enrichment programmes (special lectures / workshops/ seminar) with external experts

Event	Title	Support	Expert
Seminar & Poster Competetion	“Advancement in Biological Science”	Biotech Research Society Of India(BRSI)	1. Prof. B R Pati (VU)
			2. B K Behera (CIFRI)
			3. D K Meena (CIFRI)

33. Teaching methods adopted to improve student learning

- Power point Slide presentation by teacher
- Animation in respective areas by teacher



34. *Participation in Institutional Social Responsibility (ISR) and Extension activities*

Area of Participation	Name Of students
NSS	1. Aniket Sengupta
	2. Nargis Parvin
	3. Gaargi Bag

35. *SWOC an alysis of the department and Future plans:*

STRENGTH-

- We provide modern application and implicational subject like Biotechnology in rural based college.
- Modern life science ideas are explored thoroughly and analytically.
- We identify hidden potential of students for success in the context of threats to success can clarify direction and choice.
- We provide building blocks for learning and success according to modern reputation in the educational, research and industrial community.
- Highly experienced and qualified person is heading the department who shares his research experience with the students.

WEAKNESS -

- Most of the students belongs to remotest area, it affects in the area of family and financial support, leads to fluctuation of students number.
- Still we are unable to provide Post Graduate (PG) course.
- Still we are lack of CSIR, DBT, ICMR funds.
- We are not at best level regarding bio safety aspect.
- We are still not engaged in the area of consultancy and Biological-Social awareness.
- We don't have any permanent sanctioned post of a teacher in the department.

OPPORTUNITY -

- We provide the future aspect in the area of academic, research as well as entrepreneurship for our students.
- We offer less course fees for modern implicational subject like Biotechnology.
- Our Laboratory and Library facilities are better.
- We provide Internet facility for all students.



- e) Our Syllabus also fits for PG entrances, NET, GATE, ICMR, DBT, SET etc. carrier based examination.
- f) We provide project work for all students during the course so that they can understand what is modern life science research and this will also help in future.
- g) Even we are small we are connected to strong neighborhood like visit to IIT, Bose Institute, Mother Dairy etc. and other outsiders such as CCMB, NBU, CRRI etc. to motivate and visualizing the modern trait and skill the students as educational as well as industrial tour.
- h) We also provide training courses on bio fertilizer, vermicomposting production, jam-jelly-sauce preparation, Mushroom cultivation techniques etc.

CHALLENGES

- a) Our main challenge is to attract more students towards the subject.
- b) Try to provide job oriented training courses to the students.
- c) We want to provide awareness program on indiscriminate use of chemical fertilizer in the crop field and the sever effects on human health.

FUTURE PLAN:

- a) We want to open Post Graduate (PG) course in future.
- b) We want to provide training courses on bio-fertilizer, vermin-composting products, jam-jelly-sauce preparation, Mushroom cultivation techniques etc.



ANNEXUTURE - I PUBLICATIONS

Publication of Dr. Nandan Bhattacharyya

1. Shyamaprosad Goswami, Sibaprasad Maity, Annada C Maity, Avijit kumar Das, BholanathPakhira, Kalyani Khanra, Nandan Bhattacharyya, Sabyasachi Sarkar. (2015) ESIPT based Hg^{2+} and fluoride chemosensor for sensitive and selective 'turn on' red signal and cancer cell imaging. *RSC Advances*. 5, 5735-5740. IF:3.84
2. ShyamaprosadGoswami, Avijit Kumar Das, Urmila Saha, SibaprasadMaity, KalyaniKhanra, and Nandan Bhattacharyya (2015) Rapid detection of hydrazine in naphthol-fused chromenyl loop and its effectiveness in human lung cancer cells: tuning remarkable selectivity via reaction altered pathway supported by theoretical studies.*Organic & Biomolecular Chemistry*. 13, 2134-2139. IF:3.562.
3. ShyamaprosadGoswami, SibaprasadMaity, Annada C. Maity, Avijit Kumar Das, KalyaniKhanra, TarunKanti Mandal, Nandan Bhattacharyya (2014) A macrocyclic piperazine linked extremely Zn^{2+} selective fluorescent chemosensor with bio-imaging and for $H_2PO_4^-$ sensing. *Tetrahedron Letters*.55 (43), 5993-5997. IF:2.391.
4. Khanra, K., Panja, S., Choudhuri, I., Bhattacharyya, N. (2015) Antibacterial, Insecticidal Activity and cytotoxicity of Methanol, Ethanol, Hot aqueous and Cold aqueous extracts of *Crotalaria Juncia**Int. J. Curr. Res. Biosci. Plant Biol*, 2(10):98-103.
5. Khanra, K., Choudhuri, I., Panja, S., Bhattacharyya, N. (2015) Isolation and identification of an amylase producing trace tolerance bacteria from industrial waste of Haldia, an industrial town of India. *International Journal of Research Studies in Biosciences* 3(10):1-7
6. KalyaniKhanra, SudiptaPanja, IndranilChoudhuri, Anindita Chakraborty Nandan Bhattacharyya (2015) Evaluation of antibacterial activity and cytotoxicity of green synthesized silver nanoparticles using *Scopariadulcis*.*Nano Biomed Eng* 7(3): 128-133.ISSN 2150-5578
7. KalyaniKhanra, Anindita Chakraborty, and Nandan Bhattacharyya (2015) HeLa cells containing a truncated form of DNA polymerase beta are more sensitized to alkylating agents than to agents inducing Oxidative stress.*Asian Pacific J. Cancer Prev*.IF:2.514.
8. KalyaniKhanra, SudiptaPanja, IndranilChoudhuri, Anindita Chakraborty,Nandan Bhattacharyya(2015) Antimicrobial and cytotoxicity



- effect of silver nanoparticle synthesized from *Croton bonplandianum* Baill. Leaves. Accepted in *Nanomed. J.* ISSN # 2322-5904.
9. KalyaniKhanra, SudiptaPanja, IndranilChoudhuri, Anindita Chakraborty Nandan Bhattacharyya (2015) Synthesis and evaluation of bactericidal, and cytotoxic properties of silver nano-particle synthesized from root extract of *Asparagus racemosus*. Communicated to NBE.ISSN 2150-5578
 10. Shyamaprosad Goswami, Avijit kumar Das, Gorachand Dutta, Sibaprasad Maity, Tarun Kanti Mandal, Kalyani Khanra, Nandan Bhattacharyya. Concentration dependent auto-relay-recognition by same analyte: Dual fluorescence switch-on by hydrogen sulfide via Michael addition followed by reduction and staining bio-activity. (2015) *Organic & Biomolecular Chemistry*, DOI:10.1039/C5OB02008E. Impact Factor: 3.562
 11. KalyaniKhanra, IndranilChoudhuri, SudiptaPanja, Nandan Bhattacharyya. (2015) Partial purification and biochemical characterization of amylase from *Aeromonas caviae* NK1 isolated from Industrial waste of India. Accepted in *J. Biol. & Life Sci.* ISSN# 2157-6076.
 12. Kakali Panda, KalyaniKhanra, Nandan Bhattacharyya (2014) Identification of an endoplasmic reticulum membrane protein that interacts with a variant dominant negative form of DNA polymerase beta by Y2H. *ZeitschriftfürNaturforschung C.* 69c:81-88. Impact Factor:0.8. ISSN 0939-5075.
 13. Anupam Roy, Kalyani Khanra, Anjan Mishra and Nandan Bhattacharyya (2014) Partial purification and characterization of amylase from a newly isolated *Bacillus megaterium* strain KAN1 from fermented rice Handia. *American J of Current Microbiology*2(1):1-5.
 14. Anupam Roy, Kalyani Khanra, Anjan Mishra, and Nandan Bhattacharyya (2013) Highly cytotoxic (PA-1), less cytotoxic (A549) and antimicrobial activity of a green synthesized silver nanoparticle using *Mikaniacordata*L. *International J of Adv. Res.* 1:193-198. ISSN 2320-5407.
 15. Shyamaprosad Goswami, Avijit Kumar Das, Krishnendu Aich, Abhishek Manna, Sibaprasad Maity, Kalyani Khanra and Nandan Bhattacharyya (2013) Ratiometric and Absolute Water Soluble Fluorescent Tripodal Zinc Sensor and its Application in Killing Human Lung Cancer Cells. *Analyst.* **138:4593-4598**. Impact factor 4.5.
 16. Anupam Roy, Kalyani Khanra and Nandan Bhattacharyya (2013) Methanol poisoning outbreak tragedy: Reason and Treatment. *Advances in Social Science* 4(3):866-868. ISSN No 2167-6429.
 17. Kalyani Khanra, Anupam Roy and Nandan Bhattacharyya (2013) Evaluation of antibacterial activity and cytotoxicity of green synthesized silver nanoparticles using *Hemidesmusindicus* R.Br. *American Journal of Nanoscience and Nanotechnology Research*1(1):1-6.



18. Kakali Panda, Kalyani Khanra, Nandan Bhattacharyya(2013) Down regulation of phosphatidylinositol glycan class S (PIGS) by siRNA sensitizes HeLa cells to UV and H₂O₂*American Journal of Cancer Biology*1(2):38-47.
19. Anupam Roy, Radha Das, Amalesh Sirkar and Nandan Bhattacharyya (2013) Design, Fabrication & Trial run of Experimental Parboiling & Drying Integrated Unit: A special Focus to Kinetics of drying and quality of rice. *J. of Engineering* 1(4):63-68. ISSN 2325-0224.
20. Anupam Roy, Kalyani Khanra, Avik Mukherjee, and Nandan Bhattacharyya (2013) Asbestos: A potential food contaminant and associated safety risks to consumers. *Journal of Science* 3(1):241-243. ISSN 2324-9854.
21. Kalyani Khanra, Kakali Panda, Chandan Bhattacharya, Arun Kr. Mitra, Ranu Sarkar, Nandan Bhattacharyya (2012) Association of two polymorphisms of DNA polymerase beta in Exon-9 and Exon 11 with ovarian carcinoma patients from India. *Asian Pacific J. Cancer Prev.* 13, 1321-1324. Impact Factor: 0.659. Cited:3.
22. Kalyani Khanra, Chandan Bhattacharya, Nandan Bhattacharyya(2012) Association of a newly identified variant of DNA polymerase beta (pol β _{63-123, 208-304}) with the risk factor of ovarian carcinoma patients from India. *Asian Pacific J. Cancer Prev.* 13, 1999-2002. Impact Factor: 0.659.
23. Kalyani Khanra, Kakali Panda, Arun Kumar Mitra, Ranu Sarkar, Chandan Bhattacharya, Nandan Bhattacharyya. (2012) Exon 8-9 mutation of DNA polymerase β in ovarian carcinoma patients from Haldia, India. *Asian Pacific J. Cancer Prev.* 13, 4183-4186. Impact Factor: 0.659.
24. Kalyani Khanra, Kakali Panda, Chandan Bhattacharya, A. K Mitra, Ranu Sarkar, Sipra Banerjee, and Nandan Bhattacharyya. (2012) Association between newly identified variant form of DNA polymerase beta β ₂₀₈₋₃₀₅ and ovarian cancer. *Cancer Biomarkers* 11: 155-160. Impact factor:1.078.
25. Anupam Roy, Kalyani Khanra, SreyajitSaha, Chandan Bhattacharya, Anjan Mishra, and Nandan Bhattacharyya (2012) Single step process for the production of an low alcoholic beverage, rich in antioxidant and with antimicrobial effect by a newly isolated bacterial strain. *ALSA.* 1(2):36-44. ISSN 2169-3080.
26. Arun Kumar Maiti and Nandan Bhattacharyya (2012) Biochemical characteristics of a polycyclic aromatic hydrocarbon degrading bacterium isolated from an oil refinery site of West Bengal, India. *ALSA* 1(3):48-53. ISSN 2169-3080. Citation:2.



27. Anupam Roy, Kalyani Khanra, Anjan Mishra, Nandan Bhattacharyya (2012) General analysis and Antioxidant study of Traditional fermented drink Handia, its concentrate and volatiles. *ALSA* 1(3):54-57. ISSN 2169-3080..
28. Arun Kumar Maiti, Sudip Das, Nandan Bhattacharyya (2012) Isolation and Characterization of a New Bacterium from Petroleum Oil Contaminated Soil, India. *Journal of Science* 2(2):103-108. ISSN 2324-9854.
29. Anupam Roy, Kalyani Khanra, Chandan Bhattacharya, Anjan Mishra, and Nandan Bhattacharyya. (2012) Bakhar-Handia Fermentation: General Analysis and a Correlation between Traditional Claims and Scientific Evidences. *Advances in BioResearch* 3(3) 28-32. Impact Factor:0.97.
30. Maiti A., Das S., Nandan. Bhattacharyya. (2012) Bioremediation of High Molecular Weight Polycyclic Aromatic Hydrocarbons by *Bacillus thuringiensus* Strain NA2. *Journal of Science* 1(4):72-75. ISSN 2324-9854.
31. Arun Kumar Maiti, Sudip Das, Nandan Bhattacharyya (2013) High gelatinase activity of a newly isolated polycyclic aromatic hydrocarbon degrading bacteria *Bacillus weihenstephanensis* strain AN1. *Journal of Pharmacy Research (Elsevier)*,6:199-204.
32. Wang L*, Bhattacharyya N*, Rabi T, Wang L, Banerjee S. (2007) Mammary carcinogenesis in transgenic mice expressing a dominant-negative mutant of DNA polymerase β in their mammary glands. *Carcinogenesis*. 2007 Jun;28(6):1356-63.
 - BOTH THE AUTHORS CONTRIBUTED EQUALLY. Impact Factor: 5.7. Cited:5.
33. Banerjee, S., Wang, N. and Bhattacharyya, N. (2005) DNA Polymerase β , a Molecular Target in Human Cancer that Interacts with a Novel Protein, MGC5306 Expressed in Ovarian and Breast Carcinomas. *Indian J Med Res (Supplement)*, 121, February 2005, pp 32-42. Impact Factor: 1.837.
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36. Bhattacharyya, N., and Banerjee, S. (2003) Analysis of alterations in a base-excision repair gene in lung cancer. *Methods Mol Med*.74:413-38. Impact Factor: Cited:3.
37. Bhattacharya, C. and Bhattacharyya, N. (2003) Variation in mitotic chromosome number in one local type of *Pisum arvensis*. *Crop Research* 25(1):116-118. IF: 0.10.



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39. Bhattacharyya, N., Chen, H.-C., Wang, L., and Banerjee, S. (2002) Heterogeneity in _expression and functional analysis of DNA polymerase b in human tumor cell lines. *Gene Expression*, 10:115-123. Impact Factor: 1.3. Cited:17.
40. Bhattacharyya, N. and Banerjee, S. (2001) A novel role of XRCC1 in the functions of a DNA polymerase b variant. *Biochemistry* 40, 9005-9013. Impact Factor: 3.422. Cited 19 times.
41. Bhattacharya, C. and Bhattacharyya, N. (2001) Mendel's experiment regarding anthocyanin inheritance: in the light of 100 years after it's rediscovery. *Crop Research* 21(2):181-187. ISSN 0970-4884
42. Bhattacharyya, N., Banerjee, T., Patel, U., and Banerjee, S. (2001) Impaired repair activity of a truncated DNA polymerase beta protein. *Life Sciences* 69: 271-280. Impact Factor: 2.6. Cited:11.
43. Chen, H.-C., Bhattacharyya, N., Wang, L., Recupero, A.J., Klein, E.A., Harter, M.L. and Banerjee, S. (2000) Defective DNA repair genes in a primary culture of human renal cell carcinoma. *Cancer Res. Clinic. Oncol.* 126: 185-190. Impact Factor: 2.558. Cited:26.
44. Bhattacharya, C. and Bhattacharyya, N. (2000) Inheritance of seed coat colour in Pisum .*Res.On Crops.* 1:317-322. Impact factor:0.05. ISSN#0972-3226
45. Bhattacharyya, N., Chen, H.-C., Grundfest-Broniatowski, S. and Banerjee, S (1999) Alteration of hMSH2 and DNA polymerase b genes in Breast Carcinomas and Fibroadenomas. *Biochem. Biophys. Res. Comm*, 259: 429-435. Impact Factor: 2.484. Cited:45.
46. Bhattacharyya, N., Chen, H.-C., Comhair, S., Erzurum, S.C. and Banerjee, S. (1999) Variant form of DNA polymerase b in primary lung carcinomas. *DNA and Cell Biol.*,18, 549-554. Impact Factor: 2.072. Cited:48.
47. Bhattacharyya, N. and Banerjee S. (1997) A variant of DNA polymerase b acts as a dominant negative mutant. *Proc. Natl. Acad. Sci. USA* 94: 10324-10329. Impact Factor: 9.4. Cited:56.
48. Wikler, K.C., Rakic, P., Bhattacharyya, N., and MacLeish, P.R. (1997) Early emergence of photoreceptor mesoicisms in the primate retina revealed by a novel cone-specific monoclonal antibody. *J. Comp. Neurol.* 377: 500-508. Impact Factor: 3.808.
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DR. KALYANI KHANRA

1. Shyamaprosad Goswami, Sibaprasad Maity, Annada C Maity, Avijit kumar Das, BholanathPakhira, **Kalyani Khanra**, Nandan Bhattacharyya, Sabyasachi Sarkar. (2015) ES IPT based Hg^{2+} and fluoride chemosensor for sensitive and selective 'turn on' red signal and cancer cell imaging. *RSC Advances*. 5, 5735-5740. IF:3.84
2. ShyamaprosadGoswami, Avijit Kumar Das, Urmila Saha, SibaprasadMaity, **KalyaniKhanra**, and Nandan Bhattacharyya (2015) Rapid detection of hydrazine in naphthol-fused chromenyl loop and its effectiveness in human lung cancer cells: tuning remarkable selectivity via reaction altered pathway supported by theoretical studies.*Organic & Biomolecular Chemistry*. 13, 2134-2139. IF:3.562.
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9. **Kalyani Khanra**, Sudipta Panja, Indranil Choudhuri, Anindita Chakraborty Nandan Bhattacharyya (2015) Synthesis and evaluation of bactericidal, and cytotoxic properties of silver nano-particle synthesized from root extract of *Asparagus racemosus*. Communicated to NBE. ISSN 2150-5578
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19. Anupam Roy, **Kalyani Khanra**, Avik Mukherjee, and Nandan Bhattacharyya (2013) Asbestos: A potential food contaminant and associated safety risks to consumers. *Journal of Science* 3(1):241-243. ISSN 2324-9854.
20. **Kalyani Khanra**, Kakali Panda, Chandan Bhattacharya, Arun K Mitra, Ranu Sarkar, Nandan Bhattacharyya (2012) Association of two polymorphisms of DNA polymerase beta in Exon-9 and Exon 11 with ovarian carcinoma patients from India. *Asian Pacific J. Cancer Prev.* 13, 1321-1324. Impact Factor: 0.659. Cited:3.
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 24. Anupam Roy, **Kalyani Khanra**, Sreyajit Saha, Chandan Bhattacharya, Anjan Mishra, and Nandan Bhattacharyya (2012) Single step process for the production of an low alcoholic beverage, rich in antioxidant and with antimicrobial effect by a newly isolated bacterial strain. *ALSA*. 1(2):36-44. ISSN 2169-3080.
 25. Anupam Roy, **Kalyani Khanra**, Anjan Mishra, Nandan Bhattacharyya (2012) General analysis and Antioxidant study of Traditional fermented drink Handia, its concentrate and volatiles. *ALSA* 1(3):54-57. ISSN 2169-3080..
 26. Anupam Roy, **Kalyani Khanra**, Chandan Bhattacharya, Anjan Mishra, and Nandan Bhattacharyya. (2012) Bakhar-Handia Fermentation: General Analysis and a Correlation between Traditional Claims and Scientific Evidences. *Advances in Bioresearch* 3(3) 28-32. Impact Factor:0.97.

International Publication

Antibacterial activity and phytochemical analysis of <i>Cardanthera difformis</i> druce leaf extracts from West Bengal. India, Dulal Chandra Das, Somnath De . Subhankar Bhattacharya, Monalisa Das	2013	International Journal of Phytomedicine;5:446-451,.ISSN: 0975-0185
Investigation of the Antibacterial and Antifungal Activity of <i>Cardanthera difformis</i> Druce whole plant extracts against some clinical pathogens. Somnath De , Dulal Chandra Das*, Tanushree Mondal and Monalisa Das	2014	International Journal of Bioassays, 3(11)3464-3468.ISSN: 2278-778X
Analysis of Phytochemical profile of <i>Cardanthera difformis</i> Druce whole plant extract with antibacterial properties.	2015	International Journal of Recent Scientific Research Vol. 6, Issue, 6, pp.4564-



Somnath De , Dulal Chandra Das, Tanusri Mandal and Monalisha Das		4567, June, 2015 ISSN: 0976-3031
Isolation of Pseudomonas strain from cowdung and used to treat the solar assisted low cost system waste water. * Somnath De , Sanjib Rana and Sagarika Banerjee	2015	International Journal of Current Research Vol. 7, Issue, 07, pp.17670-17673, July, 2015
Study on the Antibacterial, Antioxidant Activities and Phytochemical Analysis of Medicinal Plants in West-Bengal, India Pradip Samanta and Somnath De*	2015	International journal of current microbiology and applied sciences. ISSN: 2319-7706 Volume 4 Number 10 (2015) pp. 116-123

National Publication

Investigation of Antioxidant Properties of <i>Cardanthera Difformis</i> Druce Whole Plant Extract Somnath De , Dulal Chandra Das, Tanusri Mandal	2015	INDIAN JOURNAL OF APPLIED RESEARCH Volume : 5 Issue : 7 July 2015 ISSN - 2249-555X
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3.

DEPARTMENT OF BOTANY



3. DEPARTMENT OF BOTANY

1. *Name of the Department:* DEPARTMENT OF BOTANY
2. *Year of Establishment:*
 - a) 1983 (Pass course),
 - b) 2002(Honours).
3. *Names of Programs /Courses offered:* Under Graduate
4. *Names of Interdisciplinary courses and the departments /units involved:*
Zoology & Physiology
5. *Annual/semester/choice based credit system (programme wise):*
Annual
6. *Participation of the department in the courses offered by other departments:* Zoology & Physiology General course (Under Graduate level).
7. *Courses in collaboration with other universities, industries, foreign institutions, etc.:* Nil
8. *Details of courses/programs discontinued (if any) with reasons:*
Nil
9. *Number of teaching posts:*

	Sanctioned	Filled
a) Professors	00	00
b) Associate Professors	00	00
c) Asst. Professors	01	00
d) PTT (Govt. approved)	02	02
e) Guest Lecturer (GB. approved)	05	05



10. Faculty profile with name, qualification, designation, specialization, (D.Sc./ D.Litt. /Ph.D. / M. Phil. etc.,)

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D. Students guided for the last 4
Prof.(Dr.) Nandan Bhattacharyya	M.Sc. Ph.D	Professor & H.O.D	DNA repair & cancer biology, nanotechnology, microbiology	25 years of teaching & research	5
Mr. Biswanath Pati	M.Sc. B.Ed. M.Phil. DMLT	Govt. approved PTT	Microbiology	21 yrs.	NO
Mr. Shyam Sundar Manna	M.Sc. B.Ed.	Govt. approved PTT	Plant pathology	6yrs.	NO
Mr. Amit Mondal	M.Sc. B.Ed.	Guest Teacher	Ecology and Environment Botany	4yrs.	NO
Mrs. Sudipta Maity	M.Sc. B.Ed.	Guest Teacher	Palaeo Botany	4yrs.	NO
Mrs. Anindita Hazra	M.Sc. B.Ed.	Guest Teacher	Weed Biology	4yrs.	NO
Mrs Moumita Maity	M.Sc. B.Ed.	Guest Teacher	Plant Pathology	3yrs.	NO
Mrs. Sunita Hota	M.Sc. B.Ed.	Guest Teacher	Plant Taxonomy	2yrs.	NO
Mr. Shankar Sinha	B.Sc.(Hons.) B.Ed.	GLI		30yrs.	NO

11. *List of senior visiting faculty:* Nil

12. *Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty:*

Name	Theory	Practical
a) Mr. Amit Mondal	8.3%	21.4%
b) Mrs. SudiptaMaity	M.L	M.L
c) Mrs. AninditaHazra	22.91%	14.28%
d) MrsMoumitaMaity	22.9%	7.1%
e) Mrs. SunitaHota	20.8%	00%



Session – 2013-14

Name	Theory	Practical
Mr. Amit Mondal	16.66%	13.3%
Mrs. Sudipta Maity	14.58%	6.6%
Mrs. Anindita Hazra	14.58%	13.3%
Mrs Moumita Maity	18.75%	6.6%
Mrs. Sunita Hota	14.58%	6.6%

Session- 2012-13

Name	Theory	Practical
Mr. Amit Mondal	14.06%	6.6%
Mrs. Sudipta Maity	9.3%	13.3%
Mrs. Anindita Hazra	6.2%	13.3%
Mrs. Moumita Maity	6.2%	13.3%
Mrs. Sunita Hota	6.2%	13.3%

Session- 2011-12

Name	Theory	Practical
No temporary faculty in the department	-	-

13. *Student -Teacher Ratio (programme wise) :*

2014-15

	Year	No of Students	No. of Teachers	Ratio
UG(G)	1st yr	198	7	28:1
	2 nd yr	91	7	13:1
	3 rd yr	14	7	2:1
UG(H)	1 st yr	47	7	7:1
	2 nd yr	33	7	5:1
	3 rd yr	20	7	3:1

**2013-14**

	Year	No of Students	No. of Teachers	Ratio
UG(G)	1st yr	58	6	10:1
	2 nd yr	59	6	10:1
	3 rd yr	13	6	2:1
UG(H)	1 st yr	37	6	6:1
	2 nd yr	22	6	4:1
	3 rd yr	28	6	5:1

2012-13

	Year	No of Students	No. of Teachers	Ratio
UG(G)	1st yr	126	5	25:1
	2 nd yr	22	5	5:1
	3 rd yr	17	5	3:1
UG(H)	1 st yr	35	5	7:1
	2 nd yr	31	5	6:1
	3 rd yr	14	5	3:1

2011-12

	Year	No of Students	No. of Teachers	Ratio
UG(G)	1st yr	118	5	24:1
	2 nd yr	67	5	14:1
	3 rd yr	11	5	2:1
UG(H)	1 st yr	33	5	7:1
	2 nd yr	19	5	4:1
	3 rd yr	22	5	4:1

14. ***Number of academic support staff (technical) and administrative staff; sanctioned and filled:***

: **Technical staff – 01(sanctioned Vacant)**
 Administrative staff –02 (02, Contractual, GB Approved)

15. ***Qualifications of teaching faculty with DSc/ D.Litt/ Ph.D/ MPhil / PG.***

- a) Mr. Biswanath Pati, M.Phil.
 b) Mr Shyam Sundar Manna. Ph.D. work is going on, (Registered under Sambalpur University)



16. *Number of faculty with ongoing projects from a) National b) International funding agencies and grants received* : Nil
17. *Departmental projects funded by DST - FIST; UGC, DBT, ICSSR, etc. and total grants received* : Nil
18. *Research Centre /facility recognized by the University* : Nil
19. *Publications:*

a) Publication per faculty

b) Number of papers published in peer reviewed journals (national /international) by faculty and students

- a) Monographs
- b) Chapter in Books
- c) Books Edited
- d) Books with ISBN/ISSN numbers with details of publishers
- e) Citation Index
- f) SNIP
- g) SJR
- h) Impact factor
- i) h-index

Faculty Name	Number of publication
Prof.(Dr) Nandan Bhattachayya	54
Mr. S. S Manna	04 Proceedings

c) Books with ISBN/ISS Numbers with details of publishers

----- Nil

20. *Areas of consultancy and income generated* : Nil

21. *Faculty as members in*

- a) National committees
- b) International Committees
- c) Editorial Boards : Nil

22. *Student projects*

- a) Percentage of students who have done in-house projects including inter departmental/programme
- b) Percentage of students placed for projects in organizations outside



the institution i.e.in Research laboratories/Industry/ other agencies :
Nil

23. Awards / Recognitions received by faculty and students : Nil

24. List of eminent academicians and scientists / visitors to the department : Nil

25. Seminars/ Conferences/Workshops organized & the source of funding

a) National: Nil

b) International : Nil

26. Student profile programme/course wise:

Name of the course/ Programme	Session	Class	Application Received	Selected	Enrolled	Male	Female	Pass %
Botany Honors	2011-12	Part-I	258	33	30	09	21	68
		Part-II			19	07	12	100
		Part-III			20	08	12	100
	2012-13	Part-I	262	35	35	15	20	77.41
		Part-II			31	10	21	92.85
		Part-III			14	06	08	80
	2013-14	Part-I	304	37	37	12	25	87.5
		Part-II			22	08	14	100
		Part-III			28	11	17	80.2
2014-15	Part-I	343	47	47	19	28	85	
	Part-II			33	10	23	90	
	Part-III			20	10	10	92.86	



27. Diversity of Students

Name of the Course	% of students from the same state	% of students from other States	% of students from abroad
2011-2012	100%	-	-
2012-2013	100%	-	-
2013-2014	100%	-	-
2014-2015	100%	-	-

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.?

NET	0
SLET	0
SSC	03
Defense	00

29. Student progression

Student progression	Against % enrolled
UG to PG	2011-12 75% (15)
	2012-13 --- 80% (10)
	2013 -14 --- 75% (18)
	2014 -15 75% (15)
PG to M.Phil.	-
PG to Ph.D.	-
Ph.D. to Post-Doctoral	
Employed <ul style="list-style-type: none"> • Campus selection • Other than campus recruitment 	03
Entrepreneurship / Self-employment	



30. Details of Infrastructural facilities

- a) Library --- Central Library: **1105**
- b) Departmental Library: **129**
- c) Internet facilities for Staff & Students --- **Internet facility for staff in staff room and for students in Anatomy lab.**
- d) Class rooms with ICT facility: **01**
- e) Laboratories
 - i. Anatomy- **01**
 - ii. Biochemistry- **01**
 - iii. Taxonomy- **01**

31. Number of students receiving financial assistance from college, university, government or other agencies

Year	SC	ST	OBC	PH	Minority	Merit-Cum-Means
2013-14	6	1	2	-	7	-
2012-13	4	1	1	-	6	-
2011-12	3	1	2	-	3	-
2010-11	6	1	2	-	-	-

32. Details on student enrichment programmes (special lectures / workshops /seminar) with external experts

- a) Field Study
- b) Film Show
- c) Seminar with External Expert
- d) Herbal Garden maintenance & planted by the departmental students

33. Teaching methods adopted to improve student learning

- a) Question answering,
- b) Model presentation
- c) Internet documents
- d) Audio Visual Method

34. Participation in Institutional Social Responsibility (ISR) and Extension activities

Area of Participation	Name of students
NSS	1. Shreya Das
	2. Surojit Jana
Maintenance of Herbal Garden	Students are involved in the gardening and maintenance of Herbal Garden (Charak Udyan).



35. SWOC analysis of the department and Future plans

STRENGTH-

- a) We provide modern application and implicational subject like Botany in rural based college.
- b) Modern Botanical ideas are explored thoroughly and analytically.
- c) We identify hidden potential of students for success in the context of threats to success can clarify direction and choice.

WEAKNESS -

- a) Most of the students belongs to remotest area, it affects in the area of family and financial support, leads to fluctuation of students number.
- b) Still we are unable to provide Post Graduate (PG) course.
- c) As because we don't have any sanctioned post for permanent teacher in the department we face some administrative as well as technical problems.

OPPORTUNITY -

- a) To provide training to the local inmates about Mushroom Cultivation, Grafting & Plant Breeding techniques. etc.
- b) The students of the department after passing out can be self-employed as supervisor or agriculture expert etc.
- c) As we have now a highly qualified individual ad head of the department, the students as well as teachers can utilize his vast experience in their respective professional life.

CHALLENGES

- a) Challenge is to maintain and further improve the result of the students.
- b) To provide better and latest knowledge to the students about the field.
- c) To provide sufficient number of books to the students as well as to the teachers.
- d) To impart better knowledge to the Bengali medium students.

FUTURE PLAN

- To apply to the concerned department to fill-up the vacant sanctioned post.
- To publish Bi-annually a departmental News Letter.



ANNEXURE-I PUBLICATION

Publication of Dr. Nandan Bhattacharyya

1. Shyamaprosad Goswami, Sibaprasad Maity, Annada C Maity, Avijit kumar Das, BholanathPakhira, Kalyani Khanra, Nandan Bhattacharyya, Sabyasachi Sarkar. (2015) ESIPT based Hg²⁺ and fluoride chemosensor for sensitive and selective 'turn on' red signal and cancer cell imaging. *RSC Advances*. 5, 5735-5740. IF:3.84
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9. Kalyani Khanra, Sudipta Panja, Indranil Choudhuri, Anindita Chakraborty Nandan Bhattacharyya (2015) Synthesis and evaluation of bactericidal, and



- cytotoxic properties of silver nano-particle synthesized from root extract of *Asparagus racemosus*. Communicated to NBE.ISSN 2150-5578
10. Shyamaprosad Goswami, Avijit kumar Das, Gorachand Dutta, Sibaprasad Maity, Tarun Kanti Mandal, Kalyani Khanra, Nandan Bhattacharyya. Concentration dependent auto-relay-recognition by same analyte: Dual fluorescence switch-on by hydrogen sulfide via Michael addition followed by reduction and staining bio-activity. (2015) *Organic & Biomolecular Chemistry*, DOI: 10.1039/C5OB02008E. Impact Factor: 3.562
 11. Kalyani Khanra, Indranil Choudhuri, Sudipta Panja, Nandan Bhattacharyya. (2015) Partial purification and biochemical characterization of amylase from *Aeromonas caviae* NK1 isolated from Industrial waste of India. Accepted in *J. Biol. & Life Sci.* ISSN# 2157-6076.
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 14. Anupam Roy, Kalyani Khanra, Anjan Mishra and Nandan Bhattacharyya (2013) Highly cytotoxic (PA-1), less cytotoxic (A549) and antimicrobial activity of a green synthesized silver nanoparticle using *Mikaniacordata* L. *International J of Adv. Res.* 1:193-198. ISSN 2320-5407.
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Sri. S. S. Manna

Sl. No	Title of the Paper Seminar Proceedings	Duration	uthors	Place	Type of Seminar
1.	Traditional healthcare practices among the tribal people of Paschim Medinipur , W.B.	08.11.2011 – 09.11.2011	S.S. Manna and Dr. D.C. Das	Garhbeta College (Paschim Medinipur) W.B.	National
2.	Comparative Growth Analysis of the genus Aster L. Using Vermi compost & Chemical Fertilizer.	18.11.2011	S.S. Manna and Dr. D. C. Das	Gurudas College (Kolkata)W.B.	National
3.	Study of microbial contaminants in aerated drinks	17.03.2012 – 18.03.2012	S. S. Manna et all.	Raja N. L. Khan Women's College. Midnapore, W.B	National
4.	Ethnomedicinal survey in the tribal pocket from Paschim Medinipur (W.B.)	02.11.2012 – 04.11.2012	S. S. Manna And Dr. S.P. Mishra	St. Xavier's College, Ranchi (Jharkhand)	Internatio nal

4.

**DEPARTMENT OF BACHALOR
OF COMPUTER APPLICATION
(BCA)**



4. DEPARTMENT OF BACHALOR OF COMPUTER APPLICATION (BCA)

1. *Name of the department* : **BACHELOR OF COMPUTER APPLICATION (BCA)**
2. *Year of Establishment* : **2000**
3. *Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.)* : **UG**
4. *Names of Interdisciplinary courses and the departments/units involved* :
--- **Mathematics, English**
5. *Annual/ semester/choice based credit system (programme wise)* :
----- **Semester**
6. *Participation of the department in the courses offered by other departments* :
--- **Micro-biology, Chemistry**
7. *Courses in collaboration with other universities, industries, foreign institutions, etc.* : **Nil**
8. *Details of courses/programmes discontinued (if any) with reasons* : **Nil**
9. **Number of teaching posts**

	Sanctioned	Filled
Professors	--	--
Associate Professors	--	--
Asst. Professors	--	--
PTT (Govt.Approv.)	--	--
CWTT (Govt.Approv.)	01	01
Guest Lecturer (G.B.Approv.)	02	02

* Govt. Approved 1 (One) CWTT (Contractual Whole Time Teacher)

* 2 (Two) guest Lecturer



10. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt./Ph.D. / M. Phil. etc.)

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D. Students guided
Dr. Nirmal Kumar Mahapatra	M.Sc. Ph.D.	H.O.D	O.R.	10 years	01
Mr. Partha Mandal	M.C.A	CWTT	Web page designing	9 years	Nil
Mr. Somnath De	M.Com	PTT	Financial	16 years	Nil
Mr. Sovan Tripathi	M.A.	Guest		1year	Nil
Mis Aditi Chaktaborty	M.Sc.	Guest	Fuzzy Set Theory	2 years	Nil
Mr. Surjya Kanta Ghosh	M.Sc.	Guest	Bio-Informatics	2 years	Nil

- CWTT – Contractual Whole Time Teacher
- PTT – Part Time Teacher

11. List of senior visiting faculty : Nil

12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty

Session	I(H)		II(H)		III(H)		I(G)		II(G)		III(G)		Total
	Th	Pr	Th	Pr	Th	Pr	Th	Pr	Th	Pr	Th	Pr	
2011-12	2.3	2.3	3.1	4.2	3.12	2.9	1.95	3.6	1.19	3.6	2.38	3.4	15.6
2012-13	2.35	1.98	2.75	3.6	2.85	2.5	2.15	2.7	1.5	2.8	2.2	2.1	13.7
2013-14	2.17	2.05	2.97	3.5	3.12	2.75	1.95	3.15	1.09	3.3	2.38	3.1	12.9
2014-15	2.5	1.93	2.39	3.5	3.1	2.6	2.36	2.81	1.28	2.7	2.3	2.3	14.6



13. Student -Teacher Ratio (programme wise)

2014-15

Year of student	Ratio
1 st sem	13:1
2 nd sem	9:1
3 rd sem	18:1
4 th sem	11:1
5 th sem	12:1
6 th sem	8:1

2013-14

Year of student	Ratio
1 st sem	13:1
2 nd sem	11:1
3 rd sem	13:1
4 th sem	11:1
5 th sem	5:1
6 th sem	7:1

2012-13

Year of student	Ratio
1 st sem	8:1
2 nd sem	8:1
3 rd sem	7:1
4 th sem	6:1
5 th sem	7:1
6 th sem	6:1

2011-12

Year of student	Ratio
1 st sem	8:1
2 nd sem	8:1
3 rd sem	8:1
4 th sem	6:1
5 th sem	7:1
6 th sem	6:1



14. Number of academic support staff (technical) and administrative staff; sanctioned and filled

	Sanctioned	Filled
Academic support staff (technical)	Nil	Nil
Administrative staff	Nil	Nil
Other Support Staff (G.B.Approv.)	02	02

15. Qualifications of teaching faculty with D. Sc/ D. Litt/ Ph.D/ MPhil / PG.

Qualifications of teaching faculty	Number
DSc	0
D.Litt	0
Ph.D	0
MPhil	0
PG	3

16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received: NIL

17. Departmental projects funded by DST - FIST; UGC, DBT, ICSSR, etc. and total grants received : NIL

18. Research Centre /facility recognized by the University : NIL

19. Publications- Number of papers published in peer reviewed journals (National / International) by faculty and students: 02

Publications by Aditi Chakrabarty:

- a. Aditi Chakrabarty, An overview of the novel network operating system and others existing networking operating system, *IJITAM*, **2014**, 1(4), ISSN: 2347-3622, Impact factor: 0.698
- b. Aditi Chakrabarty, A study of third generation mobile technology and among all generation of mobile communication, *IJITAM*, **2013**, 1(2), ISSN: 2347-3622, Impact factor: 0.698



20. *a) Percentage of students who have done in-house projects including inter departmental/programme*

Session of house project	Year of student	percentage
2013-14	6 th sem	100
2012-13	6 th sem	100
2011-12	6 th sem	100
2010-11	6 th sem	100

- b) Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/Industry/ other agencies:

21. *Awards / Recognitions received by faculty and students:* Nil
22. *List of eminent academicians and scientists / visitors to the department:* Nil
23. *Seminars/ Conferences/ Workshops organized & the source of funding*
- a) National -Nil
- b) International - Nil

24. *Student profile programme/course wise:*

Name of the Course/programme (refer question no. 4)	Applications received	Selected	Enrolled		Percentage
			M	F	
BCA 2014-15	184	54	45	9	86.36
BCA 2013-14	193	54	49	5	67.92
BCA 2012-13	234	65	56	9	100
BCA 2011-12	209	47	40	7	100

M = Male F = Female



25. Diversity of Students

Name of the Course	% of students from the same state	% of students from other States	% of students from abroad
BCA 2013-14	100%	Nil	Nil
BCA 2012-13	100%	Nil	Nil
BCA 2011-12	100%	Nil	Nil
BCA 2010-11	100%	Nil	Nil

26. *How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.?:* Data Unavailable

27. Student progression

Student progression	Against % enrolled
UG to PG	80 %
PG to M.Phil.	--
PG to Ph.D.	--
Ph.D. to Post-Doctoral	--
Employed • Campus selection • Other than campus recruitment	--
Entrepreneurship/Self-employment	--

28. Details of Infra-structural facilities

- Library: YES (No. of books- 87)
- Internet facilities for Staff & Students: YES
- Class rooms with ICT facility: 01 (one)
- Laboratories: a) Software laboratories: 01 (one)
- Hardware laboratories: 01 (one)



29. Number of students receiving financial assistance from college, university, government or other agencies:

Year	SC	ST	OBC	PH	Minority	Merit-Cum-Means
2013-14	06	01	05	-	05	-
2012-13	02	01	01	-	05	-
2011-12	03	01	05	-	05	03
2010-11	08	01	00	-	01	-

30. Details on student enrichment programmes (special lectures / workshops seminar) with external experts: NIL

31. Teaching methods adopted to improve student learning: Power point presentation

- a) Lectures with discussions
- b) Audio-visual
- c) Direct and Indirect methods
- d) Assending and dissending methods
- e) Project methods

32. Participation in Institutional Social Responsibility (ISR) and Extension activities

- a. Power point Slide presentation by teacher
- b. Animation in respective areas by teacher

33. SWOC analysis of the department and Future plans

STRENGTH-

- a) We provide modern application and implicational subject like ComputerApplication in rural based college.
- b) Modern IT ideas are explored thoroughly and analytically.
- c) We identify hidden potential of students for success in the context of threats to success can clarify direction and choice.
- d) We provide building blocks for learning and success according to modern reputation in the educational, research and industrial community.



WEAKNESS -

- a) Most of the students belongs to remotest area, it affects in the area of family and financial support, leads to fluctuation of number of students.
- b) Lack of full time faculty members.

OPPORTUNITY -

- a) We provide the future aspect in the area of academic, research as well as entrepreneurship for our students.
- b) We offer less course fees for such modern implicational subject
- c) Our Laboratory and Library facilities are better.
- d) We provide Internet facility for all students.
- e) We guide project work for all students during the course.

5.

DEPARTMENT OF CHEMISTRY



5. DEPARTMENT OF CHEMISTRY

1. **Name of the department:** DEPARTMENT OF CHEMISTRY
3. **Year of Establishment:**
 - a) 1962 (B. Sc. General),
 - b) 1968 (B. Sc. Honors) and
 - c) 2007 (M. Sc.)
3. **Names of Programmes/Courses offered (UG, PG):**
 - a) UG courses in B.Sc. Chemistry
 - b) Honours, B.Sc. Chemistry General and
 - c) M.Sc. Chemistry (with special paper in Organic, Inorganic and Physical Chemistry) (Vidyasagar University)
4. **Names of Interdisciplinary courses and the departments/units involved:**
Computer science, Microbiology & Biotechnology (PG sem-1, Paper CEM-104 and CEM-106)
5. **Annual/semester/choice based credit system (program wise):**
 - a) Annual (B. Sc. HONS and general programs)
 - b) Semester (M. Sc. Program)
6. **Participation of the Department in the courses offered by other Departments:** Mathematics, Physics, Zoology
7. **Courses in collaboration with other universities, industries, foreign institutions, etc.:** Netaji Subhash Open University, Kolkata and DDE, Vidyasagar University.
8. **Details of courses / programs discontinued (if any) with reasons:** nil
9. **Number of teaching posts:**

	Sanctioned	Filled
1. Professors	Nil	Nil
2. Associate Professors	Nil	03 (CAS)
3. Assistant Professors	08	04
4. PTT (Govt. Approved)	01	01
5. Guest (GB approved)	01	01



10. **Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt./Ph.D. /M.Phil.etc.):**

Name	Qualification	Designation	Specialization	No. of Years of Experience
Dr. Arup Sarkar	Ph.D. (Science)	Associate Professor	Organic Chemistry	22 yrs
Dr. Pulakesh Bera	Ph.D. (Science)	Associate Professor	Inorganic Chemistry	19 yrs
Dr. Pradyut Kumar Bera	Ph.D. (Science)	Associate Professor	Physical Chemistry	17 yrs
Dr. Soumitra Mondal	Ph.D. (Science)	Assistant Professor	Organic Chemistry	9 yrs
Dr. Anangamohan Panja	Ph.D. (Science)	Assistant Professor	Inorganic Chemistry	9 yrs
Dr. Moumita Paira	Ph.D. (Science)	Assistant Professor	Organic Chemistry	5 yrs
Mr. Raju Singha	M. Sc.	Assistant Professor	Organic Chemistry	1 yrs
Miss. Moumita Patra	M. Sc. B.Ed.	P.T.T.	Inorganic Chemistry	6 yrs
Mr. Onkar Ponda	M. Sc.	Guest	Inorganic Chemistry	3 yrs

11. **List of senior visiting faculty:**

- a. Dr. Tapan Kumar Mondal, Ex. Principal (Panskura Banamali College), Ex. Associate Professor at Department of Chemistry, Panskura Banamali College
- b. Prof. D. C. Mukherjee, Ex. Professor, Calcutta University
- c. Prof. B. Bagchi, Ex professor, Burdwan University, IISER Kolkata
- d. Prof. S. K. Bhattacharya, Department of Chemistry, Jadavpur University
- e. Prof. S. K. Das. Department of Chemical Engineering, Calcutta University
- f. Prof. D. Chhattapadhyay, Department of Polymer Science, Calcutta University
- g. Dr. Gopal Chandra Maity, Department of Chemistry, Saithia College, Suri
- h. Dr. Debashis Das, Faculty at Habra Siddheshari College
- b) (i) Dr. Chandan Mandal, Department of Chemistry, Jadavpur University
- a. Dr. S. C. Pal, Ex. Associate Professor, Department of Chemistry, Midnapore College
- b. Dr. Abhijit Chakraborty, Department of Polymer Science, Calcutta University
- c. Dr. Atis Dipankar Jana, Department of Physics, Behala College
- d. Dr. Tarun Kumar Mondal, Department of Biotech, HIT



12. *Percentage of lectures delivered and practical classes handled (program wise) by temporary faculty:*

	Theory/ Practical	2011-12	2012-13	2013-14	2014-15
I (H)	Th	1.8	4.7	1.59	2.92
	Pr	0	0	0	0
II (H)	Th	2.65	2.94	4.76	2.19
	Pr	0	0	0	0
III (H)	Th	3.5	2.94	2.38	0.73
	Pr	0	18.82	4.76	0
I (G)	Th	0.90	1.76	1.59	2.19
	Pr	0	7.05	4.76	8.76
II (G)	Th	0	2.35	0.79	1.46
	Pr	0	5.29	9.52	4.38
III (G)	Th	0	0	0	0.73
	Pr	0	0	0	0
PG SEM-I / SEM-II	Th	31	29	35	32
	Pr	0	0	0	0
PG SEM-III / SEM-IV	Th	45	46	52	44
	Pr/Proj	0	0	0	0
Total		8.84	42.94	30.12	23.36

13. *Student-Teacher Ratio (programme wise):*

Session	Chemistry General Classes (including 1 st yr + 2 nd Yr + 3 rd Yr)	Chemistry Honours Classes (including 1 st yr + 2 nd Yr + 3 rd Yr)	M. Sc. Classes(including PG-1 + PG-2)
2011-12	Teacher/Student = 1: 96	Teacher/Student = 1: 15	Teacher/Student = 1: 8
2012-13	Teacher/Student = 1: 80	Teacher/Student = 1: 11	Teacher/Student = 1: 8
2013-14	Teacher/Student = 1: 105	Teacher/Student = 1: 14	Teacher/Student = 1: 8
2012-15	Teacher/Student = 1: 92	Teacher/Student = 1: 16	Teacher/Student = 1: 9



14. Number of academic support staff (technical) and administrative staff; sanctioned and filled

Academic support staff	Sanctioned	Filled
1. Technical staff	Nil	Nil
2. Administrative staff	Nil	Nil
3. Non-teaching staff (substantive basis)	03	03
4. Non teaching staff (Casual, approved by GB)	04	04

15. Qualification of teaching faculty with D.Sc / D.lit / Ph.D / MPhil / PG

Sl. No.	Name teaching faculty	Qualification
1.	Dr. Arup Sarkar	Ph.D. (Science)
2.	Dr. Pulakesh Bera	Ph.D. (Science)
3.	Dr. Pradyut Kumar Bera	Ph.D. (Science)
4.	Dr. Soumitra Mondal	Ph.D. (Science)
5.	Dr. Anangamohan Panja	Ph.D. (Science)
6.	Dr. Moumita Paira	Ph.D. (Science)
7.	Mr. Raju Singha	M. Sc.
8.	Miss. Moumita Patra	M. Sc., B. Ed.
9.	Mr. Omkar Ponda	M. Sc.

16. Number of faculty with ongoing projects from a) National b) International funding agencies and grant received: 03

17. Departmental projects funded by DST-FIST, UGC, DBT, ICSSR, etc. and total grants received:

Sl.No	Name of the faculty	No. of Projects	Ongoing /Completed	Year	Name of funding Agency	Whether Agency is National or International	Grants Received
1	Dr. Pulakesh Bera	2	Ongoing Completed	2013	CSIR	National	Rs 13,05,745/-
				2011-14	UGC	National	Rs.11,98,200/-



2	Dr. Soumitra Mondal	1	completed	2009-11	UGC	National	Rs.1,35,000/-
3	Dr. Anangamohan Panja	3	Ongoing	2014-	DST	National	Rs. 26,00,000/-
			Completed	2012-14	UGC	National	Rs. 1,99,000/-
			Ongoing	2015-	CSIR	National	Rs. 9,00,000/-
4	Dr. Moumita Paira	1	Ongoing	2015-	UGC	National	Rs.3,10,000/-

Total = Rs.6,47,945.00/

18. **Research Centre /facility recognized by the University:** Yes

19. **Publications (Last Four Years):** Total = 58 See Annexure—1

20. **Areas of consultancy and income generated:** nil

21. **No. of Faculty as members in**

- National committees: nil
- International Committees: nil
- Editorial Boards: nil

22. **Student projects:**

- Percentage of students who have done in-house projects including inter Departmental/programme: All the students of M. Sc. III and IV-semester are usually do their project work as per syllabus under different supervisors in a group of students (maximum two) or single student. Details of such projects are given below:

One year project work performed by the final year M. Sc. Students under the supervision of Dr. Arup Sarkar.

Session	Title of the Project	Name of the Project Supervisor	Tenure of the project
2011-12	Metal hydride reactions of pharmaceutically active Δ^{16-20} keto pregnenes	Dr. Arup Sarkar	1 Yr.
2012-13	“A new route to 19-norsteroids” review & approach	Dr. Arup Sarkar	1 Yr.
2013-14	“19-hydroxysteroids” a short review and an approach for its synthesis	Dr. Arup Sarkar	1 Yr.
2014-15	Review work for pharmaceutically active ring A aromatized steroids	Dr. Arup Sarkar	1 Yr.



One year project work performed by the final year M. Sc. Students under the supervision of Dr. Pulakesh Bera

Sl no	Title of the project	Student(s)	session
1.	The solvothermal synthesis and characterization of Zinc oxide (ZnO) nanoparticles from single source precursor	Madhushri Jana	2014-15
2.	Solvothermal synthesis of covellite copper sulfide (CuS) nanoparticles from single molecular precursor	Samiran Mishra & Abyayajaoty Pradhan	2014-15
3.	The solvothermal synthesis and characterization of Zinc sulfide (ZnS) nanoparticles	Dipti Rani Maiti	2014-15
4.	Synthesis and characterization of metal organic framework (MOF)	Arkaduti Jana	2012-13
5.	Review paper on fluorescence chemosensors	Onkar Ponda	2012-13
6.	Determination of dissolved oxygen, Biochemical oxygen demand and Chemical oxygen demand of water in various places of West Bengal	Sarbani Bhakta	2011-12

One year project work performed by the final year M. Sc. Students under the supervision of Dr. Soumitra Mondal.

Sl. No.	Title of Master's thesis	Name of student (s)	Year
1	Mushroom polysaccharides and its applications	1. Santam Khatua 2. Sinchan Maji	2011
2	Synthesis and study on antimicrobial properties of silver nanoparticles using crude polysaccharide isolated from mature flowers of <i>Moringa oleifera</i>	1. Bappa Mohanti 2. Soumitra Palai 3. Rajkumar Bera	2011
3	Review work on biologically active polysaccharides isolated from <i>Termitomyces Species</i>	1. Monali Santra 2. Ashis Kumar Nandi	2011
4	Monosaccharides analysis of the polysaccharides isolated from green pulp of <i>Tamarindus indica</i>	1. Janmenjoy Bag 2. Surajit Jana	2012
5	Study on antimicrobial properties of silver nanoparticles based on crude polysaccharides isolated from an edible Mushroom <i>Termitomyces Striatus</i>	1. Subhas Pal 2. Supraksh Samanta	2012



6.	Isolation, purification of polysaccharides of <i>Andrographis Paniculata</i> and preparation of Ag nanoparticles	1. Pradipta Manna 2. Debopom Sinha	2013
7.	Isolation, purification and characterization of oligo saccharide from an edible mushroom <i>Termitomyces Striatus</i>	1. Parimol Gouri 2. Sandip Dutta	2013
8.	Isolation, purification and partial characterization of polysaccharide isolated from an edible mushroom <i>Pleurotus djamor</i>	1. Sonali Panda 2. Sibnath Mondal	2015
9	Studies on water insoluble polysaccharide isolated from an edible mushroom <i>Pleurotus djamor</i>	1. Azahar uddin Khan 2. Paiu Pal	2015
10	Synthesis of Ag nanoparticle using aqueous extract from green pods of <i>Moringa oleifera</i> and study on its antimicrobial properties	1. Nirmallya Pradhan	2015
11	<i>Termitomyces microcartus</i> : isolation, purification and partial characterization	1. Poulomi Mondal	2015
12	Structural and therapeutic properties of an edible mushroom <i>Pleurotus djamor</i>	1. Sibnath Mondal 2. Sonali Ponda	2014

One year project work performed by the final year M. Sc. Students under the supervision of Dr. Anangamohan Panja.

Sl.No.	Title of Master's thesis	Name	year
1	Unusual structural features in tetrabromocatechol chelated dinuclear manganese(III) complex	Tanmoy Pradhan	2013
2	A mononuclear tetrabromocatecholate chelated cobalt(III) complex with pyrimidine ancillary ligand	Raj Kumar Dutta	2013
3	Two novel tetrabromocatecholate chelated mononuclear cobalt(III) complexes with di-imine ancillary ligands	Nantu Giri	2013
4	Synthesis and structure of two new tetrabromocatecholate chelated cobalt(III) complexes with various N-donor ancillary ligands	Debasis Maity	2013
5	A unique triple-stacked supramolecular sandwich structure of a mononuclear tetrabromocatechol-chelated iron(III) complex: mutual reinforcement of H-bonding and $\pi \cdots \pi$ stacking interactions in the crystal lattice	Purnima Sahoo (Hazra)	2013
6	Synthesis and structural characterization of a manganese(II) complex with multidentate ligand	Sovan Das	2014



7	Synthesis and structural characterization of a manganese(II) complex with a multidentate ligand	Sourav Maity	2014
8	Synthesis and structural characterization of a peroxo-bridged dinuclear cobalt(III) complex with multidentate ligand	Sajal Samanta	2014
9	Synthesis and structural characterization of a peroxo-bridged dinuclear cobalt(III) complex with pentadentate ligand	Ranjit Bag	2014
10	Synthesis and structural characterization of a manganese(II) complex with a multidentate ligand	Anupam Raj	2014
11	Methylene bridge regulated geometrical preferences of ligands in cobalt(III) coordination chemistry and phenoxazinone synthase mimicking activity	Pravat Ghorai	2015
12	Synthesis and structural characterization of a peroxo-bridged dinuclear cobalt(III) complex with multidentate ligand	Sajal Samanta	2015
13	The first report of solvent induced cis-trans isomerism on a bis(o-dioxolene)-chelated cobalt(III) complex showing valence tautomerism at higher temperature	Sahanwaj Khan	2015
14	The first report of solvent induced cis-trans isomerism on a bis(o-dioxolene)-chelated cobalt(III) complex showing valence tautomerism at higher temperature	Moumita Bhunia	2015

One year project work performed by the final year M. Sc. Students under the supervision of Dr. Moumita Paira.

1.	Antitubercular drug discovery: the molecular modification as promise tool.	Supravat Ghora	2012
2.	Synthesis of phenyl substituted thiosemicarbazone as antituberculosis agent.	Atanu Panda	2012
3.	Synthesis of thiosemicarbazone derivative using substituted aromatic amine.	Uttam Das	2013
4.	Synthesis of glucosyl thiosemicarbazone derivatives for biological evaluation.	Santanu jana	2013
5.	Synthesis of medicinally important compounds chalcones	Payel Das	2013
6.	Synthesis of Baylis-Hillman acetate adducts as a valuable intermediate of natural products.	Anindita Das	2013
7.	Synthesis of arylcyclopropylketones as a versatile tool in organic synthesis.	Nirmalya Pradhan Surajit Hazra	2014



8	Synthesis of α -dehydro- β -amino esters as a valuable intermediate of a natural product	Piu Pal Azaharuddin Khan	2014
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b) *Percentage of students placed for projects in organizations outside the institution i.e. in Research laboratories/Industry/ other agencies:* Not applicable

23. *Awards /Recognitions received by faculty and students:*

Name	Whether Faculty/student	Name of the Award/ Recognition	Year	Organization
1. Dr. Pulakesh Bera	Faculty	International Fellow South Korea	2007	Korea Research Institute of Chemical Technology
2. Dr. Anangamohan Panja	Faculty	1. JSPS Invitation Fellowship 2. Erasmus Mundus Fellowship for postdoctoral researcher 3. JSPS Postdoctoral Fellowship (not joined)	2010 2009 2006	Nara Institute of Science and Technology, Japan ICMCB- University of Bordeaux, France Japan
3. One UG 4. Twelve PG	Student Student	Inspire fellowship W.B Govt. Merit-cum-means	2011-12	DST, Govt. of India W.B. Govt.
5. one UG 6. Ten PG	Student Student	Inspire fellowship W.B Govt. Merit-cum-means	2012-13	DST, Govt. of India W.B. Govt.
7. Five UG 8. Seven PG	Student Student	Inspire fellowship W.B Govt. Merit-cum-means	2013-14	DST, Govt. of India W.B. Govt.

24. *List of eminent academicians and scientists/visitors to the department:*

1. **Dr. N. C. Pramanik**, alumnus and eminent scientist in Centre for Materials for Electronic Technology (Thrissur, Kerala), Department of Electronics and Information Technology, Govt. of India delivered a lecture on "Energy Storage in Nanostructured Materials: Challenging Towards the National Mission for Electric Mobility (NMEM) on April 18, 2014.



2. **Professor S. K. Pal**, Research Scientist of S. N. Bose National Centre for Basic Science (SNBNCBS), Salt lake, Kolkata delivered a lecture on “Focusing on Research in cross disciplinary areas for clean water, green energy and affordable healthcare –a spectroscopic survey” on 13th August, 2014 (Wednesday).
3. **Dr. Sibsankar Mal**, Assistant Professor of NIT, Suratkal, Karnataka, visited the Department and deliver a lecture before UG and PG students on 18/12/2015

They also visited our department and very much convinced about the laboratory set up and also appreciated the sincerest effort of the teachers.

25. Seminars / Conferences /Workshops organized & the source of funding:

Title	Year	Funding Agency National / International	Collaborative Organization
UGC Sponsored National Seminar on Recent Trends in Research and Teaching in Chemical science	17 th -18 th January 2012	University Grand Commission, Government of India	Organized by Department of Chemistry

26. Student profile programme/course wise:

Name of the Course/programme (refer question no. 4)	Session	Applications received	Selected	Enrolled		Pass percentage
				M	F	
B.Sc. (hons)	2011-12	752	53	41	12	100 %
B.Sc. (hons)	2012-13	719	67	56	11	93.75 %
B.Sc. (hons)	2013-14	779	65	40	25	94.20 %
B.Sc. (hons)	2014-15	664	71	55	16	93.10 %
M.Sc.	2011-12	NA	25	21	04	100 %
M.Sc.	2012-13	NA	25	18	07	100 %
M.Sc.	2013-14	NA	25	18	07	100 %
M.Sc.	2014-15	NA	27	19	08	100 %

M=Male F=Female



27. Diversity of Students

Name of the Course	% of students from the same state	% of students from other States	% of students from abroad
B.Sc Chemistry	100	----	----
B.Sc Chemistry (Gen)	100	----	----
M.Sc. Chemistry	100	----	----

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.?

Session	UG/PG programs	No of students qualified NET / GATE / Inspire etc.
2011-12	PG	02 (GATE)
2012-13	PG	03 (NET) 03 (GATE)
2013-14	PG	03 (NET) 05 (GATE)
2014-15	PG	01(GATE)

29. Student progression

Student progression	Against % enrolled
UG to PG	75 %
PG to M.Phil. Campus selection • Other than campus recruitment	Nil
PG to Ph.D.	45 %
Employed	12%
Entrepreneurship/Self-employment	18%

30. Details of Infrastructural facility:

a. Library

- i. Departmental library (no. of books): 234
 - ii. Central library (no. of chemistry books): 1540
- b. Internet facilities for Staff & Students: We have four desktop computers with broadband internet and one desktop computer with printer and broadband internet connection. Any one of the staff and students can



avail these facilities from 10 am to 5pm.

- c. *Class rooms with ICT facility*: one
- d. *Laboratories*:
 - i. Physical chemistry (UG-honours) laboratories: One
 - ii. Organic Chemistry (UG-honours) laboratory: One
 - iii. Inorganic chemistry (UG-honours) laboratory: One
 - iv. General Chemistry (UG) laboratory: One
 - v. PG Laboratory (Organic and Inorganic): One
 - vi. PG Laboratory (Physical): One

Project/Research laboratories:

Three General chemistry, Honors, PG and project laboratories are well equipped with modern facilities such as Spectrophotometers, Polarimeters, pH meters, Thermostat, reduced pressure solvent evaporation pumps, sophisticated electric melting point apparatus, Potentiometers, Digital balances, Constant Temperature Bath point determination instrument etc.

31. Number of students receiving financial assistance from college, university, Government or other agencies:

Session	No of students received financial assistantship						
	Minority	Merit cum means	SC	ST	OBC	PWD	Total
2011-12	3	14	10	3	4	1	35
2012-13	4	-	6	2	3	-	15
2013-14	5	-	15	2	6	-	28

32. Details on student enrichment programmes (special lectures /workshops/ seminar) with external expert:

33. Any Teaching methods adopted to improve student learning (If yes, a brief detail): Yes.

- ❖ Generally Power point presentation method and demonstration of chemical model are adopted as a tool to improve student learning in the theoretical classes.

34. Participation in Institutional Social Responsibility (ISR) and Extension activities:

35. SWOC analysis of the department and Future plans:

**STRENGTH:**

- a) Excellency of teachers in their teaching and research field
- b) Good support by our lab attendants during practical classes
- c) Excellent academic atmosphere
- d) Student performance in higher education and also research field
- e) Well equipped laboratories

WEAKNESS:

- a) Shortage of teaching and technical staff
- b) Lack of high end instruments like GCMS, XRD, HRMS, NMR etc.

OPPORTUNITY:

- a) UG students are specially guided to qualify in national level masters programme.
- b) Masters level students do their project work in our own research/project laboratories
- c) M.Sc. students are motivated and supported by our teachers to get a scope in Ph.D. programme in different research institutes.

CHALLENGES:

- a) To increase a large number of UG students to secure their 1st class in University Examination
- b) Most of PG students can achieve their NET/SET/SLET/GATE examinations

FUTURE PLAN:

- a) Projector for ICT facility in all honours and PG class rooms
- b) Smart board in all existing class rooms
- c) To maintain the fully computerized departmental students' registrar.
- d) One laboratory for chemistry general practical.
- e) Modification of all existing practical laboratories in green model.
- f) Provision of one research laboratory for one teacher.
- g) Introduction of bio-gas plant.
- h) NET/SET/SLET/GATE training centre for our own and other institute students.
- i) Development of food processing centre.
- j) Workshop in a regular interval regarding food processing for self-help group of peoples in our local region and also to aware them about the food additives.



ANNEXURE – 1: PUBLICATION

Publication by Dr. Arup Sarkar

1. Name of the book: Organic Chemistry Volume I, ISBN: 9789384294564, Author: Anadi Majumder and Arup Sarkar, Publisher: Books and Allied (P) Ltd., Year of publication: May, 2014

List of Publications of Dr. Pulakesh Bera

1. Precursor-driven selective synthesis of hexagonal chalcocite (Cu₂S) nanocrystals: structural, optical, electrical and photocatalytic properties, Gopinath Mondal, Pradip Bera, Ananyakumari Santra, Sumanta Jana, Tarak Nath Mandal, Anup Mondal, Sang Il Seok and Pulakesh Bera *New J. Chem.*, 2014, 38, 4774-4782. Publisher: *Royal Society of Chemistry*. ISSN: 1144-0546. Impact Factor: 3.086
2. Nickel oxide thin film from electrodeposited nickel sulfide thin film: peroxide sensing and photo-decomposition of phenol Sumanta Jana, Subhasis Samai, Bibhas C. Mitra, Pulakesh Bera and Anup Mondal *Dalton Trans.*, 2014, 43, 13096-13104, Publisher: *Royal society of Chemistry*. ISSN: 1477-9234. Impact Factor: 4.197
3. Synthesis, characterization and electrocatalytic activity of SnO₂, Pt-SnO₂ thin films for methanol oxidation, Sumanta Jana, Gopinath Mondal, Bibhas Chandra Mitra, Pulakesh Bera and Anup mondal. *Chemical Physics*, 2014, available online – 14 May, 2014 Publisher: *Elsevier*. ISSN: 0301-0104. Impact Factor (SNIP): 0.731
4. Synthesis of isotropic PbS nanoparticles from the single source precursor, highly coordinative lead complex of S-methyl dithiocarbamate, [Pb{S=C(SCH₃)NHNH₂}(NO₃)₂] Gopinath Mondal, Ananyakumari Santra, Sang Il seok and Pulakesh Bera, *J. Nanoscience Letter*, 2014, 4, 35-39 Publisher: ISSN: 2231-4016. Impact Factor:
5. Photocatalytic activity of galvanically synthesized nanostructured SnO₂ thin films. Sumanta Jana, Bibhas Chandra Mitra, Pulakesh Bera, Moushumi Sikdar, Anup Mondal, *J Alloy and Compounds*, 2014, 602, 42-48. Publisher: *Elsevier*. ISSN: 0925-8388. Impact Factor: 2.999
6. Nanocrystalline copper sulfide of varying morphologies and stoichiometries in a low temperature solvothermal process using a new single-source molecular precursor, Pulakesh Bera and Sang Il Seok, *Soild State Sciences*, 2012, 14, 1126-1132, Publisher: *Elsevier*. ISSN: 1293-2558. Impact factor: 1.839 (SNIP 1.061)
7. Facile ammine-assisted synthesis of β-In₂S₃ nanostructures from a new single-source precursor derived from S-methyl dithiocarbamate Pulakesh Bera and Sang Il Seok *Journal of Nanoparticle Research*, 2011, 13, 1889-1896. Publisher: Springer. ISSN: 1572-896X Impact Factor: 2.184
8. Synthesis of nanocrystalline CdS from cadmium(II) complex of S-benzylidithio carbamate as a precursor. Pulakesh Bera, Chong-Hyeak Kim and Sang Il Seok



- Solid State Sciences*, 2010, 12, 1741-1747. Publisher: Elsevier. ISSN: 1293-2558. Impact factor: 1.839 (SNIP 1.061)
9. Synthesis, characterization and coordinating properties of a NNS donor system, 5-Methyl-3-formylpyrazole-3-pyrrolidinylthiosemicarbazone (HMPzPyr), and its cobalt(III), nickel(II) and copper(II) complexes, Pulakesh Bera* and Nitis Chandra Saha. *Journal of Indian Chemical Society*, 2010, 87, 919-926. Publisher: Indian Chemical society. ISSN: 0019-4522. Impact Factor: 0.173
 10. Facile synthesis of nanocrystalline wurtzite Cu – In – S by amine-assisted decomposition of precursors. Pulakesh Bera and Sang Il Seok, *Journal of Solid State Chemistry*, 2010, 183, 1872-1877. Publisher: Elsevier. ISSN: 0022-4596. Impact Factor: 2.133
 11. High-yield synthesis of quantum-confined CdS nanorods using a new dimeric cadmium(II) complex of S-benzylthiocarbamate as single-source molecular precursor, Pulakesh Bera, Chong-Hyeak Kim, Sang Il Seok, *Solid State Sciences*, 2010, 12, 532-535. Publisher: Elsevier. ISSN: 1293-2558. Impact factor: 1.839 (SNIP 1.061)

List of publications of Dr. Anangamohan Panja

3. Valence Tautomerism induced nucleophilic ipso substitution in a coordinated tetrabromocatecholate ligand and diverse catalytic activity mimicking the function of phenoxazinone synthase, A. Panja,* N. C. Jana, M. Patra, P. Brandão, C. E. Moore, D. M. Eichhorn and A. Frontera, *J. Mol. Cat A.*, 2016, 412, 56–66.
4. Novel Cu^{II}–M^{II}–Cu^{II} (M = Cu or Ni) trinuclear and [Na^I₂Cu^{II}₆] hexanuclear complexes assembled by bi-compartmental ligands: syntheses, structures, magnetic and catalytic studies, Surajit Biswas, Arpan Dutta, Malay Dolai, Indrani Bhowmick, Mathieu Rouzières, Rodolphe Clérac, Anangamohan Panja and Mahammad Ali, *Dalton Trans.*, 2015, 44, 9426-9438, Publisher: Royal society of Chemistry. ISSN: 1477-9234. Impact Factor: 4.197
5. Metal ionic size directed complexation in manganese(II) coordination chemistry: efficient candidates showing phenoxazinone synthase mimicking activity, Anangamohan Panja, *RSC Adv.*, 2014, 4, 37085-37094, **Publisher: Royal Society of Chemistry. ISSN: 2046-2069. Impact Factor: 3.84**
6. Influence of anionic co-ligands on the structural diversity and catecholase activity of copper(II) complexes with 2-methoxy-6-(8 iminoquinolinylmethyl) phenol, Milan Shyamal, Tarun Kanti Mandal, Anangamohan Panja and Amrita Saha, *RSC Adv.*, 2014, 4, 53520-53530. **Publisher: Royal Society of Chemistry. ISSN: 2046-2069. Impact Factor: 3.84.**
7. Selective coordination of multidentate ligands in manganese(II) complexes: Syntheses, structures and phenoxazinone synthase mimicking activity, A., Panja, *Polyhedron*, 2014, Publisher: Elsevier. ISSN: 0277-5387. Impact Factor: 1.952 (SNIF0.766)



8. Exclusive selectivity of multidentate ligands independent on the oxidation state of cobalt: influence of steric hindrance on dioxygen binding and phenoxazinone synthase activity. A. Panja *Dalton Trans*, 2014, 43, 7760-7770, Publisher: *Royal society of Chemistry*. ISSN: 1477-9234. Impact Factor: 4.197.
9. Syntheses and structural characterizations of cobalt (II) complexes with N₄-donor. Schiff base ligands: Influence of methyl substitution on structural parameters and on phenoxazinone synthase activity A. Panja *Polyhedron* (2014). Publisher: *Elsevier*. ISSN: 0277-5387. Impact Factor: 1.952 (SNIF0.766).
10. Methylene bridge regulated geometrical preferences of ligands in cobalt(III) Co-ordination chemistry and phenoxazinone synthase mimicking activity A. Panja*, M. Shyamal, A. Saha and T. K. Mandal. *Dalton Trans*, 2014, 43, 5443-5452. Publisher: *Royal society of Chemistry*. ISSN: 1477-9234. Impact Factor: 4.197
11. Synthesis and structural characterization of a cyanide-bound heterodinuclear Fe Co complex, A. Panja, *J. Ind. Chem. Soc.* 2014, 619-623. Publisher: Indian Chemical society. ISSN: 0019-4522. Impact Factor: 0.173
12. Stoichiometry controlled syntheses of cyanide-bound iron(II) and iron(III) Complexes and their X-ray crystal structures, A. Panja, *J. Ind. Chem. Soc.* 2014, 91, 237-243. Publisher: Indian Chemical society. ISSN: 0019-4522. Impact Factor: 0.173
13. Understanding of binding of a bis(imido)-bridged dinuclear cobalt(III) complex with *Calf thym/DNA*, A. Panja, *J. Ind. Chem. Soc.* 2014, 91, 195-199. Publisher: Indian Chemical society. ISSN: 0019-4522. Impact Factor: 0.173.
14. Five new mononuclear Zinc(II) complexes with tetradentate N-donor Schiff base: Syntheses, structures and influence of anionic coligands on luminescence behaviours and supramolecular interactions, M. Shyamal, A. Panja and A. Saha, *Polyhedron*, 2014, 69, 141-148. Publisher: *Elsevier*. ISSN: 0277-5387. Impact Factor: 1.952 (SNIF0.766)
15. A linear S-bridged trinuclear cobalt(III) complex with 2-aminobenzenethiol: Synthesis, crystal structure, and spectroscopic characterization, A. Panja*, C. Moore and D. M. Eichhorn, *J. Coord. Chem.*, 2013, 66, 3037-3044. Publisher: Taylor & Francis. ISSN: 0095-8972. Impact Factor: 2.012.
16. Spin Crossover or Intra-Molecular Electron Transfer in a Cyanido-Bridged Fe/Co, Dinuclear Dumbbell: A Matter of State, I-R. Jeon, S. Calancea, A. Panja, D. M. Piñero Cruz, E. S. Koumoussi, P. Dechambenoit, C. Coulon, A. Wattiaux, P. Rosa, C. Mathonière, and R. Clérac, *Chem. Sci.*, 2013, 4, 2463-2470, Publisher: Royal Society of Chemistry. ISSN: 2041-6539. Impact Factor: 9.211



17. Role of the metal sites of a heterobimetallic trinuclear complex on DNA binding and cleavage activities, A. Panja, *J. Coord. Chem.*, 2013, 66, 2178-2190. Publisher: Taylor & Francis. ISSN: 0095-8972. Impact Factor: 2.012.
18. A unique supramolecular sandwich structure of a tetrabromocatechol-chelated Iron (III) complex: mutual reinforcement of H-bonding and $\pi\cdots\pi$ stacking interactions in the crystal lattice, A. Panja, *Inorg. Chem. Commun.*, 2013, 32, 42-46. Publisher: Elsevier. ISSN: 1387-7003. Impact Factor: 1.777.
19. Diversity in supramolecular self-assembly through hydrogen-bonding interactions of non-coordinated aliphatic -OH group in a series of heterodinuclear CuIIM (M=NaI, ZnII, HgII, SmIII, BiIII, PbII and CdII) M. Dolai, T. Mistri, A. Panja, M. Ali. *Inorg. Chim. Acta*, 2013, 399, 95-104. Publisher: Elsevier. ISSN: 0020-1693. Impact Factor: 2.046.
18. A series of tetrabromocatecholate chelated cobalt(III) complexes with various N-donor ancillary ligands: syntheses, crystal structures, co-crystallization, thermally induced valence tautomerism and electrochemical studies A. Panja, *RSC Advances*, 2013, 3, 4954-4963. Publisher: Royal Society of Chemistry. ISSN: 2046-2069. Impact Factor: 3.84.
19. The first example of a centro-symmetrical bis(imido)-bridged dinuclear cobalt(III) complex: synthesis via oxidative dehydrogenation and phenoxazinone synthase activity, A. Panja* and P. Guionneau, *Dalton Trans.*, 2013, 42, 5068-5075. Publisher: Royal society of Chemistry. ISSN: 1477-9234. Impact Factor: 4.197
20. Syntheses, Structures, and Magnetic Properties of a Novel mer-[(bbp)FeIII(CN)3]2- Building Block (bbp: bis(2-benzimidazolyl)pyridine dianion) and Its Related Heterobimetallic Fe(III)-Ni(II) Complexes A. Panja,* P. Guionneau, I.-R. Jeon, S. M. Holmes, R. Clérac and C. Mathonière, *Inorg. Chem.* 2012, 51, 12350-12359. Publisher: American Chemical Society. ISSN: 0020-1669. Impact Factor: 4.762.
21. Unusual structural features in tetrabromocatechol-chelated dinuclear manganese (III) complex: Synthesis, electrochemistry and thermally induced valence tautomerism, A. Panja, *Inorg. Chem. Commun.*, 2012, 243, 140-143. Publisher: Elsevier. ISSN: 1387-7003. Impact Factor: 1.777
22. First crystallographic report on a novel 2D layer of water pentagons: L5 (7) water motif enclathrating [Co (cyclam) Cl2] A. Jana, A. D. Jana, I. Bhoumick, T. Mistri, M. Dolai, K. K. Das, A. Panja and M. Ali, *Inorg. Chem. Commun.*, 2012, 243, 157-161. Publisher: Elsevier. ISSN: 1387-7003. Impact Factor: 1.777
23. Mononuclear cobalt (III) and iron (II) complexes with diimine ligands: Synthesis, structure, DNA binding and cleavage activities, and oxidation of 2-aminophenol, A. Panja, *Polyhedron*, 2012, 43, 22-30. Publisher: Elsevier. ISSN: 0277-5387. Impact Factor: 1.952 (SNIF0.766)
24. Mono- and di-nuclear nickel (II) complexes with mixed N/S-donor ligands: Syntheses, structures and physical properties, A. Panja* and D. M. Eichhorn, *Inorg. Chim. Acta*, 2012, 391, 88-92. Publisher: Elsevier. ISSN: 0020-1693. Impact Factor: 2.046.



25. DNA Cleavage by the Photocontrolled Cooperation of Zn^{II}Centers in an Azobenzene-Linked Dizinc Complex, A. Panja, T. Matsuo, S. Nagao and S. Hirota, *Inorg. Chem.*, 2011, *50*, 11437–11445. Publisher: American Chemical Society. ISSN: 0020-1669. Impact Factor: 4.762.
26. A cyanide-bridged 1-D helical chain involving both four- and six-coordinate nickel (II) A. Panja, *J. Coord. Chem.*, 2011, *64*, 987-995. Publisher: Taylor & Francis. ISSN: 0095-8972. Impact Factor: 2.012.
27. Ligand-to-Ligand Electron Transfer and Temperature Induced Valence Tautomerism in *o*-Dioxolene Chelated Mn Complexes. S. Goswami, A. Panja,* R. J. Butcher, N. Shaikh and P. Banerjee. *Inorg. Chim. Acta*, 2011, *370*, 311-321. Publisher: Elsevier. ISSN: 0020-1693. Impact Factor: 2.046.

List of publications of Dr. Soumitra Mondal

1. Pectic polysaccharide from the green fruits of *Momordica charantia* (Karela): structural characterization and study of immunoenhancing and antioxidant properties, Bibhash C. Panda, Soumitra Mondal, K. Sanjana P. Devi, Tapas K. Maiti, Somanjana Khatua, Krishnendu Acharya, Syed S. Islam *Carbohydrate Research*, 2015, *401*, 24–31, Publisher: *Elsevier*, ISSN: 0008-6215, Impact Factor (SNIP): 0.824
2. Isolation and characterization of the immunostimulating β -glucans of an edible mushroom, Sunil K. Bhanja, Chanchal K. Nandan, Soumitra Mandal, Bibhas Bhunia, Tapas K. Maiti, Soumitra Mondal, Syed S. Islam, *Carbohydrate Research*, 2012, *357*, 83–89. Publisher: *Elsevier*, ISSN: 0008-6215, Impact Factor (SNIP): 0.824
3. Structural characterization of a heteropolysaccharide isolated from the rhizomes of *Curcuma zedoaria* (Sati) Chanchal K. Nandan, Ramsankar Sarkar, Sunil K. Bhanja, Soumitra Mondal, Syed S. Islam,* *Carbohydrate Polymers*, 2011, *86*, 1252– 1259, Publisher: *Elsevier*, ISSN: 0144-8617, Impact Factor (SNIP):1.902
4. Structural characterization of an immunoenhancing heteropolysaccharide isolated from hot water extract of the fresh leaves of *Catharanthus rosea*, Sukesh Patra, Kankan K. Maity, Sanjoy K. Bhunia, Biswajit Dey, Debsankar Das, Soumitra Mondal, Bibhas Bhunia, Tapas K. Maiti, Syed. S. Islam* *Carbohydrate Polymers*, 2010, *81*, 584–591. Publisher: *Elsevier*, ISSN: 0144-8617, Impact Factor (SNIP):1.902.

List of Publications by Raju Singha:

1. Domino Suzuki coupling and condensation reaction: an efficient strategy towards synthesis of phenanthridines, Munmun Ghosh, Atiur Ahmed, Raju Singha, Jayanta K. Ray, *Tetrahedron Letters*, 2015, *56*, 353. Publisher: Elsevier. ISSN: 0040-4039. Impact Factor: 2.379.
2. Palladium catalyzed intramolecular cascade type cyclizations: interesting Approach towards naphthoquinone derivatives having an O-containing



- heterocyclic skeleton, Sukla Nandi, Raju Singha, Jayanta K. Ray, *Tetrahedron*, 2015, 71, 669. Publisher: Elsevier. ISSN: 0040-4020.
3. Copper catalyzed room temperature lactonization of aromatic C-H bond: a novel and efficient approach for the synthesis of dibenzopyranones, Raju Singha, Shubhendu Dhara, Munmun Ghosh and Jayanta K. Ray *RSC Advances* (2015), 5, (12), 8801-8805. Publisher: *Royal Society of Chemistry*. ISSN: 2046-2069. Impact Factor: 3.907.
 4. Ligand-free copper powder-catalyzed and K₂O₂-accelerated expeditious synthesis of substituted benzoxazoles, Atiur Ahmed, Raju Singha, Jayanta K. Ray, *Tetrahedron Letters* 2015, 56, and 2167. Publisher: Elsevier. ISSN: 0040-4039. Impact Factor: 2.379.
 5. K₂O₂ mediated efficient approach for the synthesis of fused heterocycles via intramolecular O-/N-arylations, Raju Singha, Atiur Ahmed, Yasin Nuree, Munmun Ghosh, Jayanta K. Ray, *RSC Advances*, 2015, 5, 50174. Publisher: *Royal Society of Chemistry*. ISSN: 2046-2069. Impact Factor: 3.907.
 6. Synthesis of 4,5,6-trisubstituted-1,3-dihydroisobenzofurans by virtue of palladium-catalyzed domino carbopalladation of bromoenynes and internal alkynes, Ghosh, Munmun; Singha, Raju; Dhara, Shubhendu; Ray, Jayanta K. *RSC Advances* (2015), 5(104), 85911-85914, Publisher: *Royal Society of Chemistry*. ISSN: 2046-2069. Impact Factor: 3.907.

Publications by Miss. Moumita Patra

1. Valence Tautomerism induced nucleophilic ipso substitution in a coordinated tetrabromocatecholate ligand and diverse catalytic activity mimicking the function of phenoxazinone synthase, A. Panja,* N. C. Jana, M. Patra, P. Brandão, C. E. Moore, D. M. Eichhorn and A. Frontera, *J. Mol. Cat A.*, 2016, 412, 56–66.

6.

**DEPARTMENT OF COMMERCE
(EVENING SHIFT)**



6. DEPARTMENT OF COMMERCE (EVENING SHIFT)

1. *Name of the department:* EVENING COMMERCE DEPARTMENT
2. *Year of Establishment:* 1967
3. *Names of Programmes / Courses offered (UG,PG,M.Phil.,Ph.D., Masters; Integrated Ph.D. ,etc.) :* Under Graduate B.Com. (HonS) & B. Com. General
4. *Names of Interdisciplinary courses and the departments /units involved:*
-- NIL.
5. *Annual/semester/choice based credit system (programme wise):* Annual
(As per aFFILIATING UnivERSITY SYSTEM)
6. *Participation of the department in the courses offered by other departments:* B.C.A. Dept. & Bio-tech. Dept.
7. *Courses in collaboration with other universities, industries, foreign institutions, etc. :*N.A.
8. *Detailsofcourses/programmes discontinued(ifany)withreasons:* NIL.
9. *Number of Teaching Posts:*

Teaching faculty	Sanctioned	Filled
Professors	Nil.	Nil.
AssociateProfessors	Nil	02 (CAS On Promotion Basis)
Asst.Professors	03	02 (Both are promoted to Associate Professor through CAS)
PTT (Govt. approved Part-time)	01	01
Guest Faculty (G B approved)	08	08



10. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt./Ph.D./M.Phil.etc.)

Sl. No.	Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D. Students guided for the last 4 years
1	Mr Ramendranath Ghosh	M.Com.	Associate Professor & Head	Accounting & Finance	29	Nil.
2	Mr Dipak Kumar Samanta	M.Com., B.Ed.	Associate Professor	Accounting & Finance	18	Nil.
3	Mr Somnath De	M.Com. B.Ed., Dip. in E-Commerce & F.A.	Approved Part-time Teacher	Accounting & Finance	17	Nil.
4	Mr Biswajit Bhattacharjee	M.Com., LL.B., D.F.A.S.	Guest Faculty	Accounting & Finance	08	Nil.
5	Mr Asit Kumar Jana	M.Com. NET Qualified, M.B.A.	Guest Faculty	Accounting & Finance	04	Nil.
6	Mr Soumit Mandal	M.Com. M.Ed.	Guest Faculty	Accounting & Finance	03	Nil.
7	Mr Avijit Mandal	M.Com., B.Ed.	Guest Faculty	Accounting & Finance	03	Nil.
8	Mr Kartick Manna	M.Sc., M.Phil.	Guest Faculty	Economics	03	Nil.
9	Dr. Nirmalendu Ghara	M.Sc., B.Ed., Ph.D.	Guest Faculty	Mathematics	06	Nil.
10	Mr Manoj Pramanik	M.A., Ph.D. (Thesis submitted)	Guest Faculty	Bengali	08	Nil.
11	Mr SovanTripathi	M.A.,	Guest Faculty	English	02	Nil.



11. *List of senior visiting faculty:* Nil.
12. *Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty:* 67% of Total classes approx. inclusive of Practical Classes.
13. *Student-Teacher Ratio (programme wise):* 29: 1 approx. considering all the Faculty members
14. *Number of academic support staff (technical) and administrative staff; sanctioned and filled:* Sanctioned – 07, Filled up – 04, Vacant – 03. Presently 03 Casual staff have been deputed.
15. *Qualifications of teaching faculty with D.Sc. /D.Litt. /Ph.D. /M.Phil./PG.: P.G- 11*
16. *Number of faculty with ongoing projects from*
 - a) National
 - b) International funding agencies and grants received: Nil.
17. *Departmental projects funded by DST-FIST; UGC, DBT, ICSSR, etc. and total grants received:* Nil.
18. *Research Centre/ facility recognized by the University:* Nil.
19. *Publications:* Nil.
 1. Publication per faculty: Nil.
 - a) Number of papers published in peer reviewed journals (National/ International) by faculty and students: Nil.
 - b) Number of publications listed in International Database (For Eg: Web of Science, Scopus, Humanities International Complete, Dare Database-International Social Sciences Directory, EBSCO host, etc.) : Nil.
 - c) Monographs: Nil.
 - d) Chapter in Books: Nil.
 - e) Books Edited: Nil.
 - f) Books with ISBN/ISSN numbers with details of publishers: Nil.
 - g) Citation Index: Nil.
 - h) SNIP: Nil.
 - i) SJR: Nil.
 - j) Impact factor: Nil.
 - k) h-index: Nil.



20. Areas of consultancy and income generated: Income Tax consultancy service, at free of cost to the colleagues.

21. Faculty as members in

- a) National committees : Nil
- b) International Committees : Nil
- c) Editorial Boards Nil.

22. Student projects

- a) **Percentage of students who have done in-house projects including interdepartmental /programme:** As per University syllabus students of Part – III prepare their Projects Reports.
- b) **Percentage of students placed for projects in organizations outside the institution i.e. in Research laboratories /Industry/ other agencies:** Nil.

23. Awards/ Recognitions received by faculty and students: 02 students stand First and Second in the University Examination in the year 2005.

24. List of eminent academicians and scientists/ visitors to the department: Records preserved centrally. Most of the Academicians visit the Department at the time of Seminars and Industrial Training Programmes.

25. Seminars / Conferences/ Workshops organized & the source of funding

a) National: March, 2012 on “Common Property Resources in India”

b) International: Nil.

N.B.: Department has already organized a State Level Seminar on “Issues of Industrialization” in the year 2008. Besides in the year 2011, the Department conducted Industrial Training Programme of the Vidyasagar University for all the college students of Purba Medinipur District.



26. Student profile programme/ coursewise:

Year	Name of the Course/programme (refer question no. 4)	Applications received	Selected	Enrolled		Pass (%) (Based on Part-III students only)
				M	F	
2011-2012	U.G. Hons.	200	127	124	03	98
	U.G. Gen.	34	34	31	03	100
2012-2013	U.G. Hons.	142	117	109	08	100
	U.G. Gen.	32	32	31	01	86
2013-2014	U.G. Hons.	222	132	120	12	100
	U.G. Gen.	40	40	39	01	100
2014-2015	U.G. Hons.	238	138	13	07	97.78
	U.G. Gen.	42	42	41	01	100

M=Male F=Female

27. Diversity of Students

Name of the Course	% of students from the same state	% of students from other States	% of students from abroad
B.Com.Hons.	99%	Only 02 students, 01 from Bihar and 01 from Orissa have been	Nil.
B.Com. Gen.	100%	Nil.	Nil.

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.?: Nil

29. Student progression

Student progression	Against % enrolled
UG to PG	10% Approx. in the
PG to M. Phil.	N.A.
PG to Ph.D.	N.A.



Ph.D.toPost-Doctoral	N.A.
Employed •Campuselection •Other than campus recruitment	N.A.
Entrepreneurship/Self-employment	N.A.

30. Detailsof Infrastructural facilities

- a) Library: **Centrally in the Central Library. Departmental Library is also used by the students occasionally.**
- b) Internet facilities for Staff & Students: **Exists (One in computer Lab. and One in office)**
- c) Class rooms with ICT facility: **Yet to be done, specially for Dept. of commerce.**
- d) Laboratories: **Separate Computer laboratory for the Commerce students.**

31. Number of students receiving financial assistance from college, university, government or other agencies:

YEAR	SC	ST	OBC	PWD	MINORITY	MERIT CUM MEANS
2011-12	02	03	00	00	9	00
2012-13	03	01	02	00	6	00
2013-14	00	01	01	00	20	00

32. Details on student enrichment programmes (special lectures/workshops/ seminar) with external experts: Participation in the Workshop for Syllabus Review in the University in the year 2014. Besides outside Management Experts also came to motivate the students to join M.B.A. Programme.

33. Teaching methods adopted to improve student learning: Traditional Methods with application of Projector as per requirement.

34. Participation in Institutional Social Responsibility (ISR) and Extension activities: the students of Part – III in each year participate in the Industrial Training Programme and also in the Academic visit to enhance their knowledge in reality.



35. *SWOC analysis of the department and Future plans:*

According to SWOC S stands for Strength, W for Weakness, O for Opportunity and C for Challenges. Since inception, the Department is changing its attitude for total development of the students and also to enrich the society. The following points may be enumerated as the basic strength of the Department:

STRENGTH:

- a) Availability of qualified teachers with high degree of sincerity, devotion and loyalty to the college and Department in particular.
- b) Unique Teacher-students relationship like a family.
- c) Location facility is very good. It is well connected with train and bus route.
- d) A very good Computer laboratory with sufficient number of computers.
- e) Availability of well-qualified teachers specially Computer skilled to impart proper training to the students.
- f) Last but not the least, the bright result of the Department.

WEAKNESS:

- a) Insufficient number of permanent faculty has a negative bearing over a long-term plan.
- b) Absence of different Study Centre of ICWAI, ICA.
- c) Non-availability of camping facility for the students
- d) Most of the students are from rural areas and many of them are first generation learners.
- e) Absence of proper communicative skill, the root of which is the impact of rural affect.

OPPORTUNITIES:

- a) Availability of permanent staff helps to draw the long-term plan for the benefit of the students.
- b) Through Camping and presence of Industrial Houses the requirements and employment opportunity both can be available.
- c) Presently E-Business, E-Commerce, E-Filing etc. are the essential matter in our everyday life. Proper training through Internet facility helps the students to place themselves in a positive fashion in the job market.
- d) Career Counseling Programme is also essential to get vital information for the days to come for their well placement either in the academic arena or in the job market.
- e) For the Commerce students it is better to start a new venture for their own.



So entrepreneurship development can also be possible as a result of which self-employment is possible which in turn helps them to be future industrialists.

CHALLENGES:

- a) In the present day the specific area of Commerce especially in the employment sector is decaying. Different software helps the students from other faculty to replace the Commerce students though they are not well-equipped with the concept of Commerce.
- b) In absence of industrial development the scope and requirement of skilled Commerce people is not up to the expectation.
- c) Preference for teaching profession is still a common challenge for the Commerce students.
- d) Due to suffering, especially financially and mentally of First generation learners decelerating the Departmental activities.

FUTURE PLAN:

- a) After availability of full-time faculty the Department may start B.Com. in Marketing, B.B.A. and P.G. Course.
- b) To develop the communicative skill the spoken English course may be started.
- c) For financially downtrodden students Vocational courses like Tax Procedure and Practice and other Vocational Courses may be opened.
- d) Different Study Centre of Professional examinations like Cost Accounting, Chartered Accountancy etc. may be initiated.
- e) To motivate the students socially, different social awareness programme to may be organized to remove the industrial hazards.

7.

**DEPARTMENT
OF COMPUTER SCIENCE**



7. DEPARTMENT OF COMPUTER SCIENCE

1. *Name of the department* : DEPARTMENT OF COMPUTER SCIENCE
2. *Year of Establishment* : UG: 1996
: PG : 2004
3. *Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D.,etc.) UG and PG*
4. *Names of Interdisciplinary courses and the departments / units involved:*
Mathematics, Physics, Chemistry
5. *Annual/ semester/ choice based credit system (programme wise)*
 - a) UG-Annual
 - b) PG-Semester
6. *Participation of the department in the courses offered by other departments:*
BCA, Biotechnology, Physics, Mathematics, Economics
7. *Courses in collaboration with other universities, industries, foreign institutions, etc. :*Nil
8. *Details of courses/ programmes discontinued (if any) with reasons :* Nil
9. *a. Number of Teaching posts*

Teaching posts	Sanctioned	Filled
1. Professors	Nil	Nil
2. AssociateProfessors	Nil	Nil
3. Asst.Professors	02	Nil
4. CWTT (Govt. Approved)	06	05
5. Guest Lecturer (GB Approved)	02	02



10. Faculty profile with name, qualification, designation, specialization, (D.Sc./ D.Litt. /Ph.D./M.Phil.etc.)

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D. Students Guided for the last 4 years
Dr. Abhijit Kar Gupta	M.Sc, Ph.D	Associate Professor and Head	Nuclear Physics	15 Years	Nil
Santosh Nandi	MCA	CWTT	OOOPS with JAVA	6 years	Nil
Sumit Bag	MCA	CWTT	Adv.Linux	6 years	Nil
Soumya Sengupta	M.Sc	CWTT	Mobile Computing	6 years	Nil
Purnendu Sahoo	M.Sc	CWTT	Mobile	6 years	Nil
Sudip Kr Mandal	MCA	CWTT	Mobile Computing	5 years	Nil
Aditi Chakraborty	M.Sc	Guest	Fuzy& Mobile computing	2 Years	Nil
Suryja Kanta Ghosh	M.Sc	Guest	Fuzy & Mobile computing	1 year	Nil

11. List of senior visiting faculty for PG:

- Mr Biswpati Jana (Asst. Prof, Vidyasagar University)
- Dr. Santanu Phadikar (Asst. Prof. Maulana Abul Kalam Azad University of Technology)

12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty

FOR UG

Session	I (H)		II (H)		III (H)		I (G)		II (G)		III (G)		Total
	Th	Pr	Th	Pr	Th	Pr	Th	Pr	Th	Pr	Th	Pr	
2011-12	2.3	2.3	3.1	4.2	3.12	2.9	1.95	3.6	1.19	3.6	2.38	3.4	15.6
2012-13	2.35	1.98	2.75	3.6	2.85	2.5	2.15	2.7	1.5	2.8	2.2	2.1	13.7
2013-14	2.17	2.05	2.97	3.5	3.12	2.75	1.95	3.15	1.09	3.3	2.38	3.1	12.9
2014-15	2.5	1.93	2.39	3.5	3.1	2.6	2.36	2.81	1.28	2.7	2.3	2.3	14.6



13. Student-Teacher Ratio (programme wise)

FOR UG

Year of student (2014-15)	Ratio
1 st	5:1
2 nd	6:1
3 rd	3:1

Year of student (2013-14)	Ratio
1 st	5:1
2 nd	4:1
3 rd	2:1

Year of student (2012-13)	Ratio
1 st	5:1
2 nd	3:1
3 rd	2:1

Year of student (2011-12)	Ratio
1 st	3:1
2 nd	2:1
3 rd	6:1

FOR PG:

Year of student (2014-15)	Ratio
1 st sem	2:1
2 nd sem	2:1
3 rd sem	2:1
4 th sem	2:1



Year of student (2013-14)	Ratio
1st sem	3:1
2nd sem	3:1
3rd sem	3:1
4th sem	3:1

Year of student (2012-13)	Ratio
1st sem	2:1
2nd sem	2:1
3rd sem	2:1
4th sem	2:1

Year of student (2011-12)	Ratio
1st sem	2:1
2nd sem	2:1
3rd sem	2:1
4th sem	2:1

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled

	Sanctioned	Filled
Academic supports taff (technical)	Nil	Nil
Administrative staff	Nil	Nil
Technical staff (GB approved)	02	02



15. Qualifications of teaching faculty with DSc/D.Litt/Ph.D/MPhil/PG.

Qualifications of teaching faculty	Numbers
DSc	0
D.Litt	0
Ph.D	0
MPhil	0
PG	07

16. Number of faculty with ongoing projects from

- a) National
- b) International funding agencies and grants received : NIL

17. Departmental projects funded by DST-FIST; UGC, DBT, ICSSR, etc. and total grants received : NIL

18. Research Centre facility recognized by the University : NIL

19. Publications: 05

Publications of Aditi Chakrabarty:

- a. An overview of the novel network operating system and others existing networking operating system, Aditi Chakrabarty, *IJITAM*, **2014**, 1(4), ISSN: 2347-3622, Impactfactor: 0.698
- b. A study of third generation mobile technology and among all generation of mobile communication, Aditi Chakrabarty, *IJITAM*, **2013**, 1(2), ISSN: 2347-3622, Impactfactor: 0.698

Publications by Santosh Nandi

- a) Santosh Nandi and Dipankar Pramanik, Classification of adhoc routing protocols, *IJITAM*, 2013, 1(2), ISSN: 2347-3622, Impactfactor: 0.698
- b) Santosh Nandi, An overview of cold boot attack and prevention using cryptography, *IJITAM*, 2014, 1(4), ISSN: 2347-3622, Impactfactor: 0.698
- c) Ramakrishna Das, Nilanjan Das and Santosh Nandi, A new generalized model of software development life cycle, *IJITAM*, 2014, 1(6), ISSN: 2347-3622, Impactfactor: 0.698



20. Areas of consultancy and income generated : Nil

21. Faculty as members in

- a) National committees
- b) International Committees
- c) Editorial Boards: NIL

22. Student projects for UG

- a) Percentage of students who have done in-house projects including inter departmental / programme

Session of in-house project	Year of student	Percentage
2014-15	3 rd	100 %
2013-14	3 rd	100 %
2012-13	3 rd	100 %
2011-12	3 rd	100 %

Student projects for PG:

Session of house project	Year of student	Percentage
2013-14	4 th sem	Nil
2012-13	4 th sem	Nil
2011-12	4 th sem	Nil
2010-11	4 th sem	Nil

- b) Percentage of students placed for projects in organizations outside the institution i.e. in Research laboratories/ Industry/ other agencies : Not Known

23. Awards/ Recognitions received by faculty and students : Nil

24. List of eminent academicians and scientists /visitors to the department : Nil

25. Seminars/ Conferences/ Workshops organized & the source of funding

- a) National : Nil
- b) International : Nil



26. Student profile programmed/ course wise:

Name of the Course/programme (refer question no. 4)	Applications received (during admission in the First Year/Semester)		Selected	Enrolled		Pass (%)
				M	F	
Computer Science (Hons)	14-15	69	38	29	09	50
	13-14	62	27	26	01	56
	12-13	64	30	26	04	68
	11-12	110	32	25	07	57
M.Sc. in Computer Sc.	14-15	by VU	15	06	09	100
	13-14	by VU	20	11	09	100
	12-13	By VU	20	18	02	100
	11-12	By VU	19	13	06	100

M=Male F=Female

27. Diversity of Students

FOR UG

Name of the Course	% of students from the same state	% of students from other States	% of students from abroad
COSH 2013-14	100%	Nil	Nil
COSH 2012-13	100%	Nil	Nil
COSH 2011-12	100%	Nil	Nil
COSH 2010-11	100%	Nil	Nil

FOR PG

Name of the Course	% of students from the same state				% of students from other States				% of students from abroad			
	2011-2012	2012-2013	2013-2014	2014-2015	2011-2012	2012-2013	2013-2014	2014-2015	2011-2012	2012-2013	2013-2014	2014-2015
P.G.	100 %	100 %	100 %	100 %	0%	0%	0%	0%	0%	0%	0%	0%



28. *How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.?* : **Not Known**

29. *Student progression*

Student progression	Against % enrolled
UG to PG	75%
PG to M.Phil.	--
PG to Ph.D.	--
Ph.D. to Post-Doctoral	--
Employed • Campus selection • Other than campus recruitment	--
Entrepreneurship/Self-employment	--

30. *Details of Infrastructural facilities*

- a. No. of book in Central Library: 591
- b) Internet facilities for Staff & Students: YES
- c) Class rooms with ICT: 01 (one)
- d) Laboratories :
 - a) Software laboratory: 03 (three)
 - b) Hardware laboratory: 01 (one)

31. *Number of student sreceiving financial assistance from college, university, government or other agencies:*

FOR UG:

Course	Session				Session				Session				Session			
	2011-12				2012-13				2013-14				2014-15			
UG	S	S	O	Minority	S	S	O	Minority	S	S	O	Minority	S	S	O	Minority
	C	T	B	C	C	T	B	C	C	T	B	C	C	T	B	C
	6	1	4	2	1	-	1	1	2	-	4	4	online			



FOR PG:

Course	Session 2011-12					Session 2012-13				Session 2013-14			Session 2014-15				
PG	S	S	O	Minority	NATIONAL	S	S	O	Minority	S	S	O	Minority	S	S	O	Minority
	C	T	B		SCHOLARSHIP	C	T	B		C	T	B		C	T	B	
	1	-	-	-	5	-	-	-	-	-	-	1	1	Online			

32. *Details on student enrichment programmes (special lectures/ workshops seminar) with external experts:* NIL

33. *Teaching methods adopted to improve student learning:*

- Power point Slide presentation by teacher
- Animation in respective areas by teacher

34. *Participation in Institutional Social Responsibility (ISR) and Extension activities*

Area of Participation	Name of students
NSS	

35. SWOC analysis of the department and Future plans

STRENGTH-

- a) We provide modern application and implicational subject like Computer Science in rural based college.
- b) Modern IT ideas are explored thoroughly and analytically.
- c) We identify hidden potential of students for success in the context of threats to success can clarify direction and choice.
- d) We provide building blocks for learning and success according to modern reputation in the educational, research and industrial community.



WEAKNESS -

- a) Most of the students belongs to remote area, it affects in the area of family and financial support, leads to fluctuation of students number.

OPPORTUNITY -

- a) We provide the future aspect in the area of academic, research as well as entrepreneurship for our students.
- b) We offer less course fees for modern implicational subject like Computer Science.
- c) Our Laboratory and Library are well-equipped.
- d) We provide Internet facility for all students.
- e) We provide project work for all students during the course.

CHALLENGES:

- a) To increase the number of students in the subject of modern age
- b) Placement for all

8.

DEPARTMENT OF ECONOMICS



8. DEPARTMENT OF ECONOMICS

1. *Name of the department:* **DEPARTMENT OF ECONOMICS**
2. *Year of Establishment:* **1962**
3. *Names of Programmes/Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.):* **Economics Honours & Economics General**
4. *Names of Interdisciplinary courses and the departments/units involved:* **NA**
5. *Annual/ semester/choice based credit system (programme wise):*
Honours & General: Annual system
6. *Participation of the department in the courses offered by other departments:*
Faculty members from Department of Economics are taking classes in Geography (PG) Department.
7. *Courses in collaboration with other universities, industries, foreign institutions, etc.:* **NA**
8. *Details of courses/programmes discontinued (if any) with reasons:* **NA**
9. *Number of Teaching Posts:* **20**

Teaching Posts	Sanctioned	Filled
Professor	-	-
Associate professor	-	-
Assistant Professor	03	02
PTT (Government Approved)	02	02
Guest teacher	01	01



10. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt./Ph.D. / M. Phil. etc.,)

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D. Students guided for the last 4 years
Dr. Sugata Sen	MA, M.Phil, Ph.D.	Assistant Professor	Econometrics & International	15 yrs.	Nil
Dr. Sirsendu Maity	M.Sc., Ph.D.	Assistant Professor	Econometrics & Statistics	10 yrs.	Nil
Mr. Chinmoy Narayan Chakraborty	M.Sc., M.Phil.	Govt. Approved Part-Time Teacher	Econometrics & Statistics	20 yrs.	Nil
Mrs. Kakali Saha	M.Sc.	Govt. Approved Part-Time Teacher	Monetary Economics	10 yrs.	Nil
Mr. Kartick Manna	M.Sc., M.Phil.	Guest Teacher	Econometrics & Statistics	05 yrs.	Nil

11. List of senior visiting faculty: NIL

12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty:

Year	Classes Taken	Percentage
2015-16	09	100%
2014-15	08	100%
2013-14	08	100%
2012-13	07	100%



13. Student -Teacher Ratio (programme wise):

2015-16

	Year	No of Students	No. of Teachers	Ratio
UG (G)	1 st yr	85	05	17:1
	2 nd yr	141	05	28:1
	3 rd yr	60	05	12:1
UG (H)	1 st yr	13	04	3.2:1
	2 nd yr	06	05	1:1
	3 rd yr	06	05	1:1

2014-15

	Year	No of Students	No. of Teachers	Ratio
UG (G)	1 st yr	259	05	28:1
	2 nd yr	124	05	12:1
	3 rd yr	43	05	9:1
UG (H)	1 st yr	10	05	1:1
	2 nd yr	10	05	1:1
	3 rd yr	01	05	1:5

2013-14

	Year	No of Students	No. of Teachers	Ratio
UG(G)	1 st yr	138	04	35:1
	2 nd yr	138	04	35:1
	3 rd yr	53	05	11:1
UG(H)	1 st yr	10	04	2.5:1
	2 nd yr	07	05	1.5:1
	3 rd yr	0	05	0:0

2012-13

	Year	No of Students	No. of Teachers	Ratio
UG(G)	1 st yr	124	04	31:1
	2 nd yr	73	04	18:1
	3 rd yr	04	05	1:1
UG(H)	1 st yr	7	04	1.5:1
	2 nd yr	06	05	1:1
	3 rd yr	07	05	1.5:1



2011-12

	Year	No of Students	No. of Teachers	Ratio
UG (G)	1 st yr	176	04	45:1
	2 nd yr	76	04	19:1
	3 rd yr	51	05	10:1
UG (H)	1 st yr	10	04	2.5:1
	2 nd yr	07	05	1.5:1
	3 rd yr	02	05	1:2

14. *Number of academic support staff (technical) and administrative staff; sanctioned and filled: 1 (appointed by the college on temporary basis)*

15. *Qualifications of teaching faculty with DSc/ D.Litt/ Ph.D/ MPhil / PG*

Sl No.	Name of the Teacher	PG	M Phil	PhD	D Lit	D Sc
1.	Dr. Sugata Sen	✓	✓	✓	-	-
2.	Dr. Sirsendu Maity	✓	-	✓	-	-
3.	Mr. Chinmoy Narayan Chakraborty	✓	✓	-	-	-
4.	Mrs. Kakali Saha	✓	-	-	-	-
5.	Mr. Kartick Manna	✓	✓	-	-	-

16. *Number of faculty with ongoing projects from a) National b) International funding agencies and grants received:*

1. One MRP already submitted by Dr. Sugata Sen funded by UGC
2. One MRP is being carried out by Dr. Sirsendu Maity funded by UGC.

17. *Departmental projects funded by DST - FIST; UGC, DBT, ICSSR, etc. and total grants received: One Major research project funded by ICSSR, Govt. of India.*

18. *Research Centre /facility recognized by the University: NA*

19. *Publications:*

1. Publication per faculty
 - a) Number of papers published in peer reviewed journals



- (national /international) by faculty and students
- b) Number of publications listed in International Database (For E.g. : Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.) (ANNEXURE -1)
 - c) Monographs
 - d) Chapter in Books
 - e) Books Edited
 - f) Books with ISBN/ISSN numbers with details of publishers
 - g) Citation Index
 - h) SNIP
 - i) SJR
 - j) Impact factor
 - k) h-index

Faculty	a	b	c	d	e	f	g	h	i	j	k	l
Dr. Sugata Sen	03	-	-	-	03	-	02	-	-	-	-	-
Dr. Sirsendu Maity	03	-	-	-	-	-	-	-	-	-	-	-

20. Areas of consultancy and income generated: NA

21. Faculty as members in: NA

- a) National committees b) International Committees c) Editorial Boards....

22. Student projects:

- a) Percentage of students who have done in-house projects including inter departmental/ Programme:

Course	Paper	% of Student are involved
UG(H)	Paper-VIII	100%
UG (Gen)	Paper-IV	100%

- b) Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/Industry/ other agencies:
NA



23. *Awards / Recognitions received by faculty and students*: Students received awards from the college for good academic and extracurricular performances

24. *List of eminent academicians and scientists/visitors to the department*:
Nil

25. *Seminars/ Conferences/Workshops organized & the source of funding*

a) National

b) International: One national Seminar funded by UGC on Social Exclusion and Development Programmes

26. *Student profile programme/course wise*:

Name of the Course/programme (refer question no. 4)	Applications received		Selected	Enrolled		Pass percentage
				M	F	
Economics (Hons)	14-15	14	10	07	03	42
	13-14	11	10	05	05	20
	12-13	07	07	02	05	28.97
	11-12	11	10	09	01	22

M = Male F = Female

27. *Diversity of Students*

Name of the Course	% of students from the same state	% of students from other States	% of students from abroad
UG (Hons)	100%	Nil	Nil
UG(General)	100%	Nil	Nil

28. *How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.?* Data unavailable



29. *Student progression*

Student progression	Against % enrolled
UG to PG	100 %
PG to M.Phil.	NA
PG to Ph.D.	NA
Ph.D. to Post-Doctoral	NA
Employed • Campus selection • Other than campus recruitment	NA
Entrepreneurship/Self-employment	NA

30. *Details of Infrastructural facilities:*

- a) Library: **Central library & Departmental Library (Seminar Library)**
- b) Internet facilities for Staff & Students: **Yes**
- c) Class rooms with ICT facility: **NA**
- d) Laboratories: **NA**

31. *Number of students receiving financial assistance from college, university, government or other agencies:*

The students belonging to minority groups and belonging to SC, ST and OBC categories receive scholarship from Govt. The girls belonging to BPL category are receiving financial assistance under *Kanyashree Prakalpo* from state government.

	SC	ST	OBC	Minority	Total
2013-14	03	0	0	01	04
2012-13	01	0	0		01
2011-12	01	02	02		05
2010-11	02	0	0	02	04

32. *Details on student enrichment programmes (Special lectures / Workshops /Seminar) with external experts:*

- a) Special Lecturer for development of communicative skill and computer practical for honors Students
- b) Extra Class



- c) Cultural Programme
- d) Teacher's Day Celebration
- e) Publication of Wall Magazine
- f) Class Test
- g) Providing Study Materials and Notes
- h) Fresher's Welcome Programme
- i) Farewell Programme
- j) Sports Encouragement
- k) Remedial Coaching to the Backward Section of the Students

33. Teaching methods adopted to improve student learning:

- a) Power Point Presentation
- b) Audio-Visual aids (Film and Videos on Subject Related Topic)
- c) Group Discussion
- d) Co-operative learning
- e) Project based learning
- f) Direct Method
- g) Indirect Method
- h) Use of Teaching Models and Charts
- i) Field Study Method

34. Participation in Institutional Social Responsibility (ISR) and Extension activities:

The teacher and students participate in the institutional responsibilities and extension activities organized by NSS unit (i.e., blood donation camp, medical camp to students, environmental awareness camp etc.)

35. SWOC analysis of the department and Future plans

Strength	<ol style="list-style-type: none"> 1. The department have two permanent teachers, two government approved teachers and one guest teacher; 2. The students are regular, sincere and also obedient; 3. High student –teacher ratio; 4. Computer with internet facilities; 5. Active cooperation of the teachers.
Weakness	<ol style="list-style-type: none"> 1. Only few students are in honors course; 2. Students are generally come from Bengali medium school. They are very poor in English and mathematics;



Opportunity	<ol style="list-style-type: none"> 1. There is a scope for formulating a career counselling cell ; 2. To link with other related departments like geography, mathematics etc.; 3. Data bank may be developed for further use in related areas.
Challenges	<ol style="list-style-type: none"> 1. It is a great challenge for the survival of the department as the number of students are gradually falling; 2. The scope of employment is very much limited; 3. Students are very much afraid of mathematical approach of economics.

Future plans:

Future plans	<ol style="list-style-type: none"> 1. To launch a departmental journal with ISSN numbers and e-journal 2. To launch a departmental Career counselling and placement cell 3. Proposal for conducting PG work at the department
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ANNEXURE -1. PUBLICATION

Dr. Sugata Sen

Books published:

1. *Non-monetised Labour, Under Pricing and Gender Hierarchies in Household Production*, Publisher: RUPALI, Kolkata Year:2012 ISBN : 978-93-81669-19-8
2. *Measuring Social Exclusion* Publisher: RUPALI, Kolkata Year:2012, ISBN : 978-93-81669-34-1

Paper published:

1. *Social Exclusion from Development Programmes: A study on West Bengal*, Volume 1, Number 4 October 2013, International Journal of Development and Management Studies, ISSN: 232L-L423
2. *Trade-off Between Inclusion and Sustainability: The Dilemma of Water Resources Management* In: 'Water Conservation, Recharge and Morphology of Tanks – A remote sensing, GIS and GPS approach' Publisher: Rohini Nandan, Year: 2013, ISBN : 97 8-87-9287 2L-6-2
3. *Unnayon Prakalpo o Somaiik Bohiskar: Prasango Paschimbang*, in journal "Suchinto", Ed - Prof. Ranjit Sen , Bangiya Samaj Bignan Sansad, ISSN:L523-234g-526X, August 2014, Pg:9-24
4. *Sociol Exclusion from Development Progrommes: A Study on Different Castes of West Bengal*, in book 'Analytical Economics: A research Journey' ed: prof. Subikash Mukherjee, ISBN:978-81-924660-8-8, Refle& 2015: Kolkata.

Publications of Dr. Sirsendu Maity:

1. *Own resource Mobilisation of Panchayats: A Study with Special Reference to West Bengal* in Vidyasagar University Journal of Economics Vol. IX, 2004.
2. *Pattern of Growth and Structural Changes in Own Receipts of Panchayats: A Study of Twelve Gram Panchayats in Purba and paschim Medinipur Districts of West Bengal* in S.N.Sau (Ed) Participatory Decentralised Planning in India: Issues of Finance and statistical information, Firma KLM Pvt. Ltd. ISBN No. 81-7102-124-7.
3. *Some Issues of Finance-Related Functions of Decentralised Planning: A Study of Some panchayat samitis and Gram Panchayats in Purba and paschim Medinipur Districts of West Bengal* in S.N.Sau (Ed) Participatory Decentralised Planning in India: Issues of Functions , Functionaries and, Firma KLM Pvt. Ltd. ISBN No. 81-7102-126-3.

9.

DEPARTMENT OF EDUCATION



9. DEPARTMENT OF EDUCATION

1. *Name of the department:* **DEPARTMENT OF EDUCATION**
2. *Year of Establishment:* **Hons. - 2002-03, Gen. – 1961**
3. *Names of Programs/ Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.):* **Education Honors & Education General**
4. *Names of Interdisciplinary courses and the departments/units involved:*
NA
5. *Annual/ semester/choice based credit system (programme wise):*
Honours & General: Annual system
6. *Participation of the department in the courses offered by other departments:* **NA**
7. *Courses in collaboration with other universities, industries, foreign institutions, etc.:* **NA**
8. *Details of courses/programmes discontinued (if any) with reasons:* **NA**
9. *Number of Teaching posts:*

Teaching Posts	Sanctioned	Filled
Professor	-	-
Associate professor	-	-
Assistant Professor	02	0
PTT (Government Approved)	03	03
Guest teacher (GB approved)	03	03



10. Faculty profile with name, qualification, designation, specialization, (D.Sc. /D.Litt. /Ph.D. / M. Phil. etc.)

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D. Students guided for the last 4
Mr. Pradip Kumar Mandal	MA, M.Phil.	Govt. Approved PTT	Distance Education	10	Nil
Mr. Lakshman Chandra Ghorai	MA, B.ED. M.Phil.	Govt. Approved PTT	Women Education	8	Nil
Mrs. Parul Maji	MA, B.ED. M.Phil.	Govt. Approved PTT	Women Education	8	Nil
Mrs. Falguni Maity	MA, B.Ed.	Guest Teacher	History of Education & Education	3	Nil
Mr. Bappa Aditya	MA	Guest Teacher	Distance Education	4	Nil
Mrs. Trisha De	MA, B.Ed.	Guest Teacher	Guidance & Counseling	3	Nil

11. List of senior visiting faculty: NIL

12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty:

Year	Classes Taken	Percentage
2015-16	44	100%
2014-15	52	100%
2013-14	40	100%
2012-13	35	100%

13. Student -Teacher Ratio (programme wise):

2014-15

	Year	No of Students	No. of Teachers	Ratio
UG (G)	1 st yr.	1879	06	313:1
	2 nd yr.	1263	06	210:1
	3 rd yr.	506	06	84:1
UG (H)	1 st yr.	94	06	16:1
	2 nd yr.	71	06	12:1
	3 rd yr.	62	06	10:1



2013-14

	Year	No of Students	No. of Teachers	Ratio
UG (G)	1 st yr.	1801	06	300:1
	2 nd yr.	1007	06	167:1
	3 rd yr.	604	06	101:1
UG (H)	1 st yr.	88	06	15:1
	2 nd yr.	83	06	14:1
	3 rd yr.	67	06	11:1

2012-13

	Year	No of Students	No. of Teachers	Ratio
UG (G)	1 st yr.	1431	06	240:1
	2 nd yr.	965	06	160:1
	3 rd yr.	420	06	70:1
UG (H)	1 st yr.	88	06	14:1
	2 nd yr.	55	06	9:1
	3 rd yr.	62	06	10:1

2011-12

	Year	No of Students	No. of Teachers	Ratio
UG (G)	1 st yr.	1789	06	295:1
	2 nd yr.	1378	06	230:1
	3 rd yr.	732	06	122:1
UG (H)	1 st yr.	84	06	14:1
	2 nd yr.	70	06	12:1
	3 rd yr.	60	06	10:1

15. *Number of academic support staff (technical) and administrative staff; sanctioned and filled: Nil*

15. *Qualifications of teaching faculty with D.Sc. / D.Lit. / Ph.D. / MPhil / PG*

Sl. No.	Name of the Teacher	PG	M.Phil.	Ph.D.	D. Lit.	D.Sc.
1.	Mr. Pradip Kumar Mandal	✓	✓	-	-	-



2.	Mr. Lakshman Chandra Ghorai	✓	✓	-	-	-
3.	Mrs. Parul Maji	✓		-	-	-
4.	Mrs. Falguni Maity	✓	-	-	-	-
5.	Mr. Bappa Aditya	✓	-	-	-	-
6.	Mrs. Trisha De	✓	-	-	-	-

16. *Number of faculty with ongoing projects from a) National b) International funding agencies and grants received: Nil*
17. *Departmental projects funded by DST - FIST; UGC, DBT, ICSSR, etc. and total grants received: Nil*
18. *Research Centre /facility recognized by the University: NA*
19. *Publications:*
1. Publication per faculty.
 2. Number of papers published in peer reviewed journals (National/International) by faculty and students.
 3. Number of publications listed in International Database (For Eg: Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)
 - a. Monographs
 - b. Chapter in Books
 - c. Books Edited
 - d. Books with ISBN/ISSN numbers with details of publishers
 - e. Citation Index
 - f. SNIP
 - g. SJR
 - h. Impact factor
 - i. h-index
20. *Areas of consultancy and income generated: NA*
21. *Faculty as members in: NA*
- a) National committees b) International Committees c) Editorial Boards...*
22. *Student projects:*
- a) Percentage of students who have done in-house projects including inter departmental/ Programme:



Course	Paper	% of Student
UG (H)	Nil	Nil
UG (Gen.)	Nil	Nil

- b) Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/Industry/ other agencies:

NA

23. *Awards / Recognitions received by faculty and students*: Students received awards from the college for good academic and extra-curricular performances.

24. *List of eminent academicians and scientists/visitors to the department*:
Nil

25. *Seminars/ Conferences/Workshops organized & the source of funding*:

a) National

b) International:

26. *Student profile programme/course wise*:

Name of the Course/programme (refer question no. 4)	Applications received		Selected	Enrolled		Pass percentage
				M	F	
Education (Hons.)	14-15	419	94	35	59	91.46
	13-14	618	88	29	59	89.06
	12-13	576	88	36	52	93.75
	11-12	388	84	44	40	93.00

*M = Male *F = Female

27. *Diversity of Students*

Name of the Course	% of students from the same state	% of students from other States	% of students from abroad
UG (Hons)	100%	-	-
UG (General)	100%	-	-

28. *How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.?*



29. Student progression

Student progression	Against % enrolled
UG to PG	70%
PG to M.Phil.	NA
PG to Ph.D.	NA
Ph.D. to Post-Doctoral	NA
Employed • Campus selection • Other than campus recruitment	NA
Entrepreneurship/Self-employment	NA

30. Details of Infrastructural facilities:

- Library: **Central library & Departmental Library.**
- Internet facilities for Staff & Students: **No**
- Class rooms with ICT facility: **No**
- Laboratories: **No**

31. Number of students receiving financial assistance from college, university, government or other agencies:

The students belonging to minority groups and belonging to SC, ST and OBC categories receive scholarship from Govt. The girls belonging to BPL category are receiving financial assistance under *Kanyashree Prakalpo* from state government.

Year	SC	ST	OBC	Minority	Total
2013-14	17	01	03	12	34
2012-13	35	09	10	13	67
2011-12	13	09	07	0	36
2010-11	22	0	3	06	31

32. Details on student enrichment programmes (special lectures / workshops /Seminar) with external experts:

- Special Lecturer for honours Students;
- Extra Class;
- Cultural Programme;
- Teacher's Day Celebration;
- Publication of Wall Magazine;



- f) Class Test;
- g) Providing Study Materials and Notes;
- h) Fresher's Welcome Programme;
- i) Farewell Programme;
- j) Sports Encouragement;
- k) Remedial Coaching to the Backward Section of the Students;

33. **Teaching methods adopted to improve student learning:**

- a) Co-operative learning;
- b) Project based learning;
- c) Direct Method;
- d) Indirect Method;
- e) Use of Teaching Models and Charts;

34. **Participation in Institutional Social Responsibility (ISR) and Extension activities:**

The teacher and students participate in the institutional responsibilities and extension activities organized by NSS unit (i.e., blood donation camp, medical camp to students, environmental awareness camp etc.)

35. **SWOC analysis of the department and Future plans:**

Strength	<ul style="list-style-type: none"> a) Sufficient number of regular, sincere and obedient students . b) Sufficient number of qualified and student-caring teachers. c) Good result d) Computer with Internet facility e) Active cooperation of the teachers f) Only Honours department in the Morning (Extended Day) shift
Weakness	<ul style="list-style-type: none"> a) Two sanctioned substantive posts are vacant for a long time b) Students are from weaker section of the society c) Scope for employment is very much limited
Opportunity	<ul style="list-style-type: none"> a) There is a scope for formulating career counseling b) To arrange seminars to motivate the students further c) To start another section for General course in Education
Challenges	<ul style="list-style-type: none"> a) To fill the vacant posts of permanent teacher b) To arrange career counseling c) To fulfill the aim of the course i.e. to produce good human being.

10.

DEPARTMENT OF ENGLISH



10. DEPARTMENT OF ENGLISH

1. *Name of the Department:* **DEPARTMENT OF ENGLISH**
2. *Year of Establishment:*
1962 UG General
1966 UG Honours.
3. *Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.):* **UG**
4. *Names of Interdisciplinary courses and the departments/units involved -*
Teachers from the department of Bengali take classes for Tagore's original text.
5. *Annual/ semester/choice based credit system (programme wise):* **Annual with Internal Assessments for U.G.**
6. *Participation of the department in the courses offered by other departments:* Teachers take classes of English in M.A. courses (distance mode) offered by Vidyasagar University and Netaji Subhas Open University under P.C.P. programme.
7. *Courses in collaboration with other universities, industries, foreign institutions, etc:* **NIL**
8. *Details of courses/programs discontinued (if any) with reasons:* **NIL**
9. *Number of teaching posts:*

Teaching posts	Sanctioned	Filled
Professors	-	-
Associate Professors	-	-
Asst. Professors	4	2
PTT (Govt. Approved)	2	1
GL (G.B. Approved)	4	3



10. Faculty profile with name, qualification, designation, specialization, D.Sc./D.Litt./Ph.D. / M. Phil. etc.,)

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D. Students guided for last 4 years
Kanak Kanti Bera	M.A. M.Phil	Assistant Professor	American Literature	16 Years	Nil
Anindita Bhaumik	M.A.	Assistant Professor	European Drama	12 Years	Nil
Krishanu Maiti	M.A.	Substitute Lecturer (UGC FDP)	Modern British Poetry	2 Years	Nil
Ujjal Banerjee	M.A.	Part Time Teacher	Romantic Literature	5 Years	Nil
Sovan Tripathy	M.A.	Guest Teacher	Indian English Literature	2 years	Nil
Mamata Das	M.A.	Guest Teacher	Indian English Literature	1 year	Nil
Debashis Manna	M.A.	Guest Teacher	American Literature	1 year	Nil

11. List of senior visiting faculty: Prof. Molla Rafiq Ahmed and Prof. Amiya Kumar Jana.

12. Percentage of lectures delivered and classes handled (programme wise) by temporary faculty:

2014-15

	Year	Total classes per week	Classes taken	% of Classes
UG (Gen)	1 st Year	5	3	60
	2 nd Year	5	3	60
	3 rd Year	2	0	0
UG (Hons)	1 st Year	14	6	43
	2 nd Year	22	8	37
	3 rd Year	21	9	43



2013-14

	Year	Total classes per week	Classes taken	% of Classes
UG (Gen)	1 st Year	5	1	20
	2 nd Year	6	2	33
	3 rd Year	2	0	0
UG (Hons)	1 st Year	16	4	25
	2 nd Year	24	8	33
	3 rd Year	24	9	38

2012-13

	Year	Total classes per week	Classes taken	% of Classes
UG (Gen)	1 st Year	3	0	0
	2 nd Year	4	0	0
	3 rd Year	3	0	0
UG (Hons)	1 st Year	18	1	6
	2 nd Year	23	2	8
	3 rd Year	24	2	8

2011-12

	Year	Total classes per week	Classes taken	% of Classes
UG (Gen)	1 st Year	2	0	0
	2 nd Year	4	0	0
	3 rd Year	2	0	0
UG (Hons)	1 st Year	19	1	5
	2 nd Year	24	1	4
	3 rd Year	25	2	8



13. Student-Teacher Ratio (programme wise)

2014-15

	Year	No. of Students	No. of Teachers	Ratio
UG (Gen)	1 st Year	40	7	6:1
	2 nd Year	29	7	4:1
	3 rd Year	31	7	4:1
UG (Hons)	1 st Year	118	7	17:1
	2 nd Year	105	7	15:1
	3 rd Year	109	7	15:1

2013-14

	Year	No. of Students	No. of Teachers	Ratio
UG (Gen)	1 st Year	38	6	6:1
	2 nd Year	38	6	6:1
	3 rd Year	44	6	7:1
UG (Hons)	1 st Year	110	6	17:1
	2 nd Year	111	6	17:1
	3 rd Year	80	6	13:1

2012-13

	Year	No. of Students	No. of Teachers	Ratio
UG (Gen)	1 st Year	56	6	9:1
	2 nd Year	34	6	6:1
	3 rd Year	11	6	2:1
UG (Hons)	1 st Year	127	6	21:1
	2 nd Year	85	6	14:1
	3 rd Year	78	6	13:1



2011-12

	Year	No. of Students	No. of Teachers	Ratio
UG (Gen)	1 st Year	32	6	5:1
	2 nd Year	47	6	8:1
	3 rd Year	33	6	5:1
UG (Hons)	1 st Year	106	6	17:1
	2 nd Year	77	6	13:1
	3 rd Year	80	6	13:1

14. *Number of academic support staff (technical) and administrative staff; sanctioned and filled:* One (casual)

15. *Qualifications of teaching faculty with DSc/ D.Litt/ Ph.D/ MPhil / PG.:* PG, MPhil (one), some continuing their Ph.D

16. *Number of faculty with ongoing projects from*

- National
- International funding agencies and grants received: Nil

17. *Departmental projects/programs funded by DST - FIST; UGC, DBT, ICSSR, etc. and total grants received:* Faculty Development Programme of UGC

Amount Received	Purpose of Grant	Sanction number and date
Rs. 7,75,037	Substitute Teacher's Salary	TFWV-004-01/13-14 01 Aug. 2014

18. *Research Centre /facility recognized by the University:* Nil

19. *Publications:* Annexure Enclosed

- Number of papers published in peer reviewed journals (national / international) by faculty and students – **15**
- Number of publications listed in International Database (For Eg: Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.) - **One** (Ebscohost) <http://connection.ebscohost.com/c/literary->



[criticism/100337201/designating-animal-victim-violent-sparagmos-orwells-shooting-elephant](#)

- c) Monographs: **Nil**
 d) Chapter in Books: **Nil**
 e) Books Edited: **Nil**
 f) Books with ISBN/ISSN numbers with details of publishers: **Nil**
 g) Citation Index: **Nil**
 h) SNIP: **Nil**
 i) SJR: Nil
 j) Impact factor - N/A
 k) h-index - N/A

20. Areas of consultancy and income generated - Nil

21. Faculty as members in:

- a) National committees
 b) International Committees
 c) Editorial Boards.... **Nil**

22. Student projects

- a) *Number of students who have done in-house projects including inter departmental/programme -*

Type of Project	Number
Literary Project	30
Short Film	01 (Title- “Rupkathar Mato”)

- b) *Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/Industry/ other agencies – Nil*

23. Awards / Recognitions received by faculty and students –

Names of the Students	Awards/ Recognitions	Positions
ADITI KUILA	State Level Recitation	1 st
DEBOSMITA NAG	Block level Recitation	2 nd
SNEHA JANA	Singing Performance (ABTA)	1 st
PRIYASRI JANA	State Level Essay Competition	3 rd
RIYA MAJI	Block Level Quiz	1 st
SUJOY MANNA	State Level NCC	A
AHELI BHATTACHARYA	National Scholarship	N/A
RIMI MAITY	University Topper at U.G. Level (Gold Medalist)	



24. List of eminent academicians and scientists / visitors to the department –

NAMES	INSTITUTION	YEAR OF VISIT
1. Dr. Krishna Barua	IIT Gauhati	2012
2. Dr. Niladri Sekhar Dash	Indian Statistical Institute, Kolkata	2012
3. Dr. Panchanan Dalai	Banaras Hindu University	2012
4. Dr. Aniket Jaware	University of Pune	2010
5. Dr. Sankar Prasad Singha	Vidyasagar University	2012
6. Dr. Amrit Sen	Visva Bharati University	2012

25. Seminars/ Conferences/Workshops organized & the source of funding

- a) State – **One (funded by VUETC)**
- b) National – **One (funded by UGC)**
- c) International

26. Student profile programme/course wise:

Name of the Course/programme (refer question no. 4)	Subject Session	Applications received	Selected	Enrolled		Pass %
				M	F	
B.A. (HONS.)	ENGLISH 2011-2012	710	106	39	67	95.00
B.A. (GENERAL)	ENGLISH 2011-2012	102	32	14	18	100
B.A. (HONS.)	ENGLISH 2012-2013	963	127	62	65	95.7
B.A. (GENERAL)	ENGLISH 2012-2013	136	56	30	26	100
B.A. (HONS.)	ENGLISH 2013-2014	919	110	51	59	97.1
B.A. (GENERAL)	ENGLISH 2013-2014	82	38	12	26	92.3
B.A. (HONS.)	ENGLISH 2014-2015	618	118	46	72	97.26
B.A. (GENERAL)	ENGLISH 2014-2015	40	40	19	21	100



27. Diversity of Students -

Name of the Course	% of students from the same state	% of students from other States	% of students from abroad
English (Hons. & Pass)	100%	Nil	Nil

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.: Four (NET/SLET) and One Defence Service)

Names	Year of Passing (NET Lectureship)
SK Sagir Ali	2012
SK Amir Hossain Khan	2012
Krishanu Maiti	2013
SK Tarik Ali	2014

29. Student progression

Student progression	Against % enrolled
UG to PG	70 % (approx)
PG to M.Phil.	Information not available
PG to Ph.D.	Information not available
Ph.D. to Post-Doctoral	Information not available
Employed <ul style="list-style-type: none"> • Campus selection • Other than campus recruitment 	Information not available Information not available
Entrepreneurship/Self-employment	Information not available



30. Details of Infrastructural facilities

- a) Departmental library – **One**
- b) Internet facilities for Staff & Students - **Yes**
- c) Class rooms with ICT facility - **Nil**
- d) Laboratories – **Nil**

31. Number of students receiving financial assistance from college, university, government or other agencies -

Year	SC	ST	OBC	PWD	Minority Scholarship
2013-14	20	04	17	-	17
2012-13	28	06	08	-	10
2011-12	49	20	05	-	09
2010-11	30	11	04	-	09

32. Details on student enrichment programs (special lectures / workshops /seminar) with external experts -

- (a) Student seminars
- (b) Remedial classes
- (c) Special lectures for Entrance tests for M.A. courses

33. Teaching methods adopted to improve student learning – Student Seminar, Power point presentations, Films (Literary adaptations) , Literary Quiz etc.

34. Participation in Institutional Social Responsibility (ISR) and Extension activities - NSS and Youth Parliament.

35. SWOC analysis of the department and Future plans –

STRENGTH

- a) Innovative teaching method (seminar, ‘filmature’ etc.).
- b) Students’ participation in departmental programmes.
- c) Cordial relationship between the students and the teachers.
- d) Locational advantage of abundant rich traditional cultural resource.
- e) Committed teaching staff.

WEAKNESS

- a) Inadequate substantive teaching staff.
- b) Economic backwardness of the people in the hinterlands deterring developments of the College in general.



- c) Distant rural location from the knowledge hub at Kolkata hindering pace and linkage creation in developmental programmes.
- d) Mostly first generation learners with rural background.

OPPORTUNITIES

- a) Multiple career options. Enhancement of communicative skills.
- b) Scope for exploring various types of huge rich resources – natural, socio-cultural, intellectual, etc. - in the rural-based hinterlands of the College.

CHALLENGES

- a) To overcome the limitations arising out of disadvantageous rural location through improved and spirited project-researches under the slogan of ‘One Teacher, One Project’.

FUTURE PLANS

- a) Career counselling and placement cell
- b) Language laboratory
- c) Publication of International Journal from our department
- d) Certificate course in spoken English



ANNEXURE – 1. PUBLICATIONS

List of Publications per Faculty

SL NO	Type of Publication / Research Work	If a book or chapter or a journal, relevant ISSN/ISBN numbers.	Name of the publisher in case of a book/book chapter/Journal	Status of the publisher (International/National/State)	Title of the Book or the Chapter contributed in the book/Title of the Paper published in the Journal	Year of Publication
1	Paper in a Journal	ISSN-0976-9064	LITSCAPE, JOURNAL OF VUETC	NATIONAL	Dracula: A Manifestation of Nineteenth Century British Anxiety	2010
2	Paper in a Journal	ISSN-0976-9064	LITSCAPE, JOURNAL OF VUETC	NATIONAL	Sensation Novel and the Confusion in Gender Category	2013
3	Paper in a Journal	ISSN-2319-7684	MIDDLE FLIGHT, JOURNAL OF SSM, KESHPUR	NATIONAL	Representation of Same-Sex bonds in Wilkie Collins's Three Major Novels	2014
4	Article in a Book	ISBN-9789351280781	KALPAZ PUBLISHERS, DELHI	NATIONAL	Challenging Portrayals of Women	2015
5	Paper in a Journal	ISSN-0976-9064	LITSCAPE, JOURNAL OF VUETC	NATIONAL	The Treatment of Social 'Class' in Victorian Sensation Novels	2015

A. ANINDITA BHAUMIK



SL NO	Type of Publication / Research Work	If a book or book chapter or a journal, relevant ISSN/ISBN numbers.	Name of the publisher in case of a book/book chapter/Journal	Status of the publisher (International/National/State)	Title of the Book or the Chapter contributed in the book/Title of the Paper published in the Journal	Year of Publication
1	Paper in a Journal	ISSN-2321-8584	IAIRS, HYDERABAD	INTERNATIONAL	Non-Presence as a Narrative Strategy in the 20 th Century English Literature : An Overview of its Shifting Contour	2014
2	Paper in a Journal	ISSN 0976-9064	VUETC, LITSCAPE	NATIONAL	Deontics of (im)moral Decision-making: An Optimality Theoretic Analysis of Select Narratives	2015

B. KANAK KANTI BERA



C. KRISHANU MAITI

SL NO	Type of Publication / Research Work	If a book or book chapter or a journal, relevant ISSN/ISBN numbers.	Name of the publisher in case of a book/book chapter/Journal	Status of the publisher (International/ National/State)	Title of the Book or the Chapter contributed in the book/Title of the Paper published in the Journal	Year of Publication
1	Paper in a Journal	ISSN-2231-2773	RAVENSHAW UNIVERSITY, CUTTACK	NATIONAL	Speaking (of) pig: Anthropomorphism as a strategy in Dick King-Smith's The Sheep-Pig	2015
2	Article in a Book	ISBN - 978-81-920310-5-7	THE MADURA COLLEGE, MADURAI	NATIONAL	Representing Animals through Symbols : A Study of Select Poems of Robert Burns	2015
3	Paper in a Journal	ISSN-2249-3301	BHATTER COLLEGE, DANTAN	NATIONAL	The Animal that therefore Derrida is : Status of Animal in Derridean Posthumanism	2013
4	Paper in a Journal	ISSN-2347-2073	NEW ACADEMIA BARLONI BOOKS, PUNE	INTERNATIONAL	Ted Hughes' The Iron Man: A Redemptive Story	2015
5	Paper in a Journal	ISSN-0975-6248	LITERARY INSIGHT HERSO, MUMBAI	NATIONAL	"We Know What Is Required Of Us": Animal Rights And Sewell's 'Black Beauty'	2015
6	Paper in a Journal	ISSN-0976-0814	LABYRINTH, GWALIOR	NATIONAL	Designating an Animal Victim: Violent Sparagmos in Orwell's Shooting	2015

**D. SOVAN TRIPATHY**

SL NO	Type of Publication / Research Work	If a book or chapter or a journal, relevant ISSN/ISBN numbers.	Name of the publisher in case of a book/book chapter/Journal	Status of the publisher (International/ National/State)	Title of the Book or the Chapter contributed in the book/Title of the Paper published in the Journal	Year of Publication
1	Paper in a Journal	ISSN-2349-1620	WJGL, AUTHORS PRESS, NEW DELHI	NATIONAL	Marginalized Sex in Mahesh Dattani's "Seven Steps Around the Fire" and "On a Muggy Night in Mumbai"	2015
2	Paper in a Journal	ISSN 2319-7684	MIDDLE FLIGHT, SSM, KESHPUR	NATIONAL	Suppressed Stories, Marginalized Personages: Rewriting the Tale of the Mahabharata	2015

11.

DEPARTMENT OF GEOGRAPHY



11. DEPARTMENT OF GEOGRAPHY

1. *Name of the department* : DEPARTMENT OF GEOGRAPHY
2. *Year of Establishment* : UG – 1995
PG - 2013
3. *Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.):* UG (Honours & General) & PG
4. *Names of Inter disciplinary courses and the departments / units involved :* Physics, Economics, Mathematics and Micro-biology
5. *Annual/semester/choice based credit system (programme wise):* Annual for UG & Semester for PG
6. *Participation of the department in the courses offered by other departments:* Bengali, History, Pol. Sc., Philosophy, Sanskrit, Education, Economics,
7. *Courses in collaboration with other universities, industries, foreign institutions, etc.* Netaji Subhash Open University
8. *Details of courses / programmes discontinued (if any) with reasons :* NA
9. *Number of Teaching posts (Whole time)*

Teaching posts	Sanctioned	Filled
Professors	00	00
Associate Professors	00	00
Asst. Professors	02	02
PTT (Govt. Approved)	04	04
CWTT (GB. Approved)	02	02



10 Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt./Ph.D. / M. Phil. etc.)

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D. Students guided for the last 4 years
Dr. Nirmalya Das	M.Sc., B.Ed., M. Phil., Ph.D.	Asstt. Prof.	Catography, Town and Country Planning, RS & GIS	14 years	Nil
Smt. Swati Mandal	M.Sc., B.Ed.	Asstt. Prof.	Environmental Geography	14years	Nil
Sri Tarun Sasmal	M.A., B. Ed.	PTT	Urban Geography	11 years	Nil
Sri Balai Adhikary	M.A., B. Ed.	PTT	Remote Sensing and GIS	9 years	Nil
Sri Tanmoy Karan	M.Sc. (Geo.), M. Sc. (RS & GIS), B.Ed.	PTT	Urban Geography, Hydrology	05 years	Nil
Sri Rajeeb Samanta	M.A., B.Ed., M. Phil	PTT	Urban Geography & Regional Planning	05 years	Nil
SK Majharul Islam	M.Sc., B.Ed	GL – PG	Remote Sensing & GIS	01 years	Nil
Miss Meghna Maity	M.A., M.Phil	GL – PG	Remote Sensing & GIS	02 years	Nil

11 List of senior visiting faculty :

Name	Designation	Institution
1. Dr. Guruprasad Chattopadhyay	Professor	Department of Geography, Visva-Bharati University Santiniketan
2. Dr. Malay Mukhopadhyay	Professor	Department of Geography, Visva-Bharati University Santiniketan
3. Dr. Dipendranath Das	Professor	CSR D, JNU, New Delhi
4. Dr. Ashish Kumar Paul	Professor	Department of Geography, Vidyasagar University Paschim Medinipur



5. Dr. Soumendu Chatterjee	Assistant Professor	Department of Geography, Presidency University, Kolkata
6. Prof. Bimal Kr. Chakraborty	Associate Professor	West Bengal Education Service
7. Dr. Balen Basu	Scientist	Opsis System, Kolkata
8. Dr. Pinaki Das	Assistant Professor	Department of Economics, Vidyasagar University, Paschim Medinipur
9. Dr. Pijush Kanti Tripathi	Assistant Professor	Department of Geography, Haldia Govt. College (W.B.E.S)
10. Prof. Sayantani Mukhopadhyay	Associate Professor	Department of Geography, Sister Nivedita Govt. Girls College (W.B.E.S)
11. Dr. Abhijit Kar Gupta	Associate Professor	Department of Physics, Panskura Banamali College, Purba Medinipur
12. Prof. Sugata Sen	Assistant Professor	Department of Economics, Panskura Banamali College, Purba Medinipur
13. Dr. Sirsendu Maity	Assistant Professor	Department of Economics, Panskura Banamali College, Purba Medinipur
14. Dr. Tuhin Kar	Assistant Professor	Department of Mathematics Panskura Banamali College, Purba Medinipur

12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty:

Programme	% of lectures taken by Temporary faculty	
	Theory	Practical
UG (Honours)	0.00	0.00
UG (General)	0.00	00.00
PG	13.81	5.00

13. Student-Teacher Ratio (programme wise): U.G -1:52

P.G. -1:3

Programme	Student	Teacher	Teacher – Student Ratio
UG (Honours – Part – I, II,III)	203	08	1 : 25
UG (General – Part – I, II, III)	213	07	1 : 31
PG (Regular per Semester)	24	07	1 : 3



14. Number of academic support staff (technical) and administrative staff; sanctioned and filled:

Nature of Support Staff	Sanctioned	Filled
Laboratory Attendant (Substantive)	01	0
Technical Assistant	01	01
Lab. Attendant	02	02

15. Qualifications of teaching faculty with D. Sc/ D. Litt/ Ph. D/ M. Phil / PG.

Ph.D. with M. Phil	01
M. Phil	02
PG	08

16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received: N.A.

17. Departmental projects funded by DST - FIST; UGC, DBT, ICSSR, etc. and total grants received: N.A.

18. Research Centre /facility recognized by the University: N.A.

19. Publications:

a) Publication per faculty (ANNEXURE -1)

1. Number of publications listed in International Database (For Eg: Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.) : **30**
 - a) Monographs **Nil**
 - b) Chapter in Books **Nil**
 - c) Books Edited **Nil**
 - d) Books with ISBN/ISSN numbers with details of publishers **01**
 - e) Citation Index **Nil**
 - f) SNIP **Nil**
 - g) SJR **Nil**
 - h) Impact factor **Nil**
 - i) h-index **Nil**

20. Areas of consultancy and income generated: NA

- 21. Faculty as members in :** **NA**
- a) National committees **NA**
 - b) International Committees **NA**
 - c) Editorial Boards **NA**



22. Student projects

- a. Percentage of students who have done in-house projects including inter departmental/programme

Programme		In house (%)	State / Outside state (%)
UG (Honours)	Part – I	10	00
	Part – II	15	00
	Part – III	10	20
UG (General)	Part – I	00	00
	Part – II	10	00
	Part - III	05	20
PG	Semester I & III	20	20
	Semester II& IV	20	30

- b. Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/Industry/ other agencies : NA

23. Awards / Recognitions received by faculty and students : NA

24. List of eminent academicians and scientists / visitors to the department

25. Seminars/ Conferences/Workshops organized & the source of funding : YES

- a. National: NA
b. International: NA

c. Regional Workshop on “Remote Sensing & GIS” from 7th June, 2012 to 12th June, 2012. Funding by College and in collaboration with of OPSYS System

26. Students profile programme / course wise:

2011 – 2012

Name of the Course/programme (refer question no. 4)	Applications received	Selected	Enrolled		Pass percentage
			M	F	
UG (HONOURS)					
1 st Year	1126	66	35	31	91.54
2 nd Year		59	33	26	87.03
3 rd Year		55	47	8	94.44
UG (GENERAL)					
1 st Year	550	108	57	51	65.30



2 nd Year		108	62	46	93.02
3 rd Year		84	45	39	100.00
P.G.					
1 st Sem.	-	-	-	-	-
2 nd Sem.	-	-	-	-	-

2012 – 2013

Name of the Course/programme (refer question no. 4)	Applications received	Selected	Enrolled		Pass percentage
			M	F	
UG (HONOURS)					
1 st Year	961	76	49	27	72.15
2 nd Year		76	36	40	93.05
3 rd Year		39	21	19	94.33
UG (GENERAL)					
1 st Year	510	102	60	42	40.81
2 nd Year		89	44	45	95.74
3 rd Year		32	16	16	98.75
P.G.					
1 st Sem.		20	06	14	100.00

2013 – 2014

Name of the Course/programme (refer question no. 4)	Applications received	Selected	Enrolled		Pass percentage
			M	F	
UG (HONOURS)					
1 st Year	663	67	35	32	86.11
2 nd Year		80	46	34	79.68
3 rd Year	-----	20	07	13	98.50
UG (GENERAL)					
1 st Year	280	78	46	32	42.66
2 nd Year		72	36	36	98.03
3 rd Year		49	24	25	71.87
P.G.					
1 st Sem.		22	12	10	100.00
2 nd & 3 rd Sem.			06	13	100.00



2014 – 2015

Name of the Course/programme (refer question no. 4)	Applications received	Selected	Enrolled		Pass percentage
			M	F	
UG (HONOURS)					
1 st Year	794	77	37	40	
2 nd Year		65	30	35	
3 rd Year		51	33	18	
UG (GENERAL)					
1 st Year	126	111	58	53	
2 nd Year		59	37	22	
3 rd Year		44	17	27	
P.G.					
2 nd Sem.			12	10	100.00
4 th Sem.			06	13	100.00

*M = Male, *F=Female

Last 4 years result :

Year	Stream	Appear	>60%	Pass	Overall Pass	Pass %
2010	B.A. /B.Sc. (Hons.)	63	02	59	59	93.65
2011	B.A. /B.Sc. (Hons.)	60	01	43	43	71.66
2012	B.A. /B.Sc. (Hons.)	71	00	65	65	91.55
2013	B.A. /B.Sc. (Hons.)	89	00	75	75	84.27

27. Diversity of Students :

Name of the Course	% of students from the same state	% of students from other States	% of students from abroad
UG (HONS.)	100	Nil	Nil
UG (GENERAL)	100	Nil	Nil
PG (REGULAR)	100	Nil	Nil
PG (DISTANCE)	100	Nil	Nil



28. *How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.?*

Year	NET/SET-LS	JRF	Total
2011	1	1	02
2012	1	0	01
2013	1	0	01
2014	7	2	09
2015	1	0	01

29. *Student progression: GEOGRAPHY*

Student progression	Against % enrolled
UG to PG	72
PG to M.Phil.	00
PG to Ph.D.	00
Ph.D. to Post-Doctoral	00
Employed	
• Campus selection	NA
• Other than campus recruitment	NA
Entrepreneurship/Self-employment	NO

30. *Details of Infrastructural facilities*

- a) Library : Central & Departmental Library
- b) Internet facilities for Staff & Students :YES
- c) Class rooms with ICT facility : Broadband and High Speed Internet with Wi-Fi Facility available for all the students and staffs.
- d) **Laboratories:**
 - a) General Lab : 02
 - b) Remote Sensing Lab : 01
 - c) Soil Lab: 01



31. Number of students receiving financial assistance from college, university, government or other agencies : GEOGRAPHY

YEAR	Government or Other Agencies					
	National Scholarship	Minority Scholarship	Physically Handicapped Scholarship	Beedi Workers Stipends	Merit-cum –means (Govt. W.B)	SC / ST Stipends
2010 –11	07	10	00	00	07	27
2011 – 12	10	09	01	00	10	47
2012 – 13	00	09	00	00	11	00
2013 – 14	00	13	00	00	12	25

32. Details on student enrichment programmes (special lectures / workshops /seminar) with external experts :

Programme	Special Lectures	Workshop
UG (HONOURS)	Special class by internal teachers	Nil
UG (GENERAL)	Special class by internal teachers	Nil
PG (REGULAR)	Invited lectures by external experts	Nil

33. Teaching methods adopted to improve student learning:

- Lecture Method
- Overhead Projector Presentation
- Power Point Presentation
- Audio-visual Presentation
- Practical Field Analysis

34. Participation in Institutional Social Responsibility (ISR) and Extension activities :

- Locality survey for problem analysis
- Departmental Students are participated in various programme organized by N.S.S
- Social awareness programmers



35. SWOC analysis of the department and Future plans :

STRENGTHS:

1. Students are getting proper guidance through class lecture and practical works which helps to improve the subject knowledge.
2. Active participation of the students in daily curriculums.
3. Innovative class programmes are introduced by the faculties.
4. Students training programme after 2nd semester in PG level for UGC/CSIR NET & SET examination has been introduced by the internal faculty members.
5. Teacher-Student ratio in UG is moderate and PG level is high.

WEAKNESSES

1. Lack of English communication skill is the major setback of the student's growth.
2. Poor participation in extracurricular activities.
3. Poor economic conditions of the rural students sometimes restrict their higher studies.
4. Dropout of female students for social causes like marriage and family illiteracy. Student pressure at UG level is maximum which sometimes not manageable

FUTURE PLANS

1. To conduct professional training programme in Remote sensing and GIS.
2. Introduction of research programmes in various branches of geography for the benefit of students.
3. To conduct workshop and conferences in the department for improving the knowledge and research ideas.
4. To increase consultancy programme by involving PG and research students for self-employment.
5. Increase local area survey to improve environmental quality.



ANNEXURE - I : PUBLICATIONS

A. DR. NIRMALYA DAS

i. Book Published as Single Author / Editor :

Sl No	Title with page number	Type of Book / and Authorship	Publisher & ISBN / ISSN / Categorization
1	Adhunik Bhugol (88 pages for Class – VII)	Text Book (Single Author)	Publisher - New Light, Kolkata, <i>Approved by WB Board of Secondary Education, Vide T.B. No. Syll / TB/Geo / VII / 04 / 244 Dt. 10.06.04</i>
2	Adhunik Bhugol (104 pages for Class – VIII)	Text Book (Single Author)	Publisher - New Light, Kolkata, <i>Approved by WB Board of Secondary Education, Vide T.B. No. Syll / TB/Geo / VIII / 04 / 138 Dt. 10.06.04</i>
3.	Bhugol O Parivesh (Class-IX)	Text Book	<i>Nababharati, Kolkata Approved by WB Board of Secondary Education</i>
3	Geography of Market Analysis	Text Book (Single Author)	<i>Publisher- Rupali, Kolkata ISBN 978-93-8166981-5</i>

ii . Completed Research Projects

Sl. No.	Title	Agency Funding, Commissioning and / or Collaborating	Period	Output / Impact, i.e. Book/ paper / film / technology /web- facility /Programme/ Process
1.	The National Highway extension Project and Socio-Environmental Problem Assessment - A Study in NH- 41 of West Bengal	UGC (Minor Research Project	2006 to 2008	Principal Investigator



iii. Paper Published in Proceedings/Journal

Sl. No.	Title of The Paper	Title of Conference / Seminar	Organized by/Publisher	Whether International / National / State/ Regional / University / College level
1.	Delineation of Water bodies: A theoretical Approach Through Geographical information System	Water Conservation , Recharge and Morphology of Tanks: A Remote Sensing , GIS and GPS Approach	Department of Geography , Pingla Thana Mahavidyalaya , Paschim Medinipur	National ISBN 978-81-928721-6-2
2.	The national highway extension and socio-environmental problem assessment – A study in NH-41 of West Bengal		Proceedings published by Academic Staff College and Department of Geography, Calcutta University	National
3.	Emerging Trends in the Study of Social Geography		David Hare Training College, Kolkata (AISE) Sponsored by Ministry of Human Resource Development, Govt. of India , Vol – IV, Series 1 to 5	National
4.	Resource analysis		DDE, Vidyasagar University	National



Number of papers published in peer reviewed journals (national /international) by faculty and students Paper published in Journal

SL. NO.	JOURNAL NAME	TITLE OF THE RESEARCH ARTICLE	ISSN NO.	VOLUME & NO.
1	Golden Research Thoughts	Periodicity and Spatio-Temporal Spacing of Rural Markets of Purba Medinipur District, West Bengal: An Appraisal of The Market Centre Development	ISSN 2231-5063	Volume-4 | Issue-7 | Jan-2015
2	Research Journal of Social Science & Management	Centrographic Technique for Market Clustering: An Analysis for Rural Markets of Purba Medinipur District of West Bengal	ISSN 2251 1571	Volume:04, Number: 12, April 2015
3	International Journal of Social Science & Interdisciplinary Research IJSSIR,	Dune Changes and its Impact at Digha Coast of West Bengal	ISSN 2277-3630	Vol. 4 (4), APRIL (2015), pp. 37-43
4	International Journal of Innovation and Scientific Research	Market Centres and Regional Development Pattern of Purba Medinipur in West Bengal	ISSN: 2351-8014	
5.	Research Journal of Social Science & Management RJSSM	New Approaches for Analyzing the Market Centrality: A case study in Purba Medinipur District of West Bengal	ISSN 2251 1571	Volume:04, Number: 12, April 2015
6.	Asian Journal of Multidisciplinary Studies	Functioning Problem of Participatory Planning System: A case study at Gram Panchayat level in West Bengal	ISSN: 2321-8819	
7.	International Journal of Advanced Information Science and Technology (IJAIST)	Preparation of need based open source GIS software for geospatial techniques: A case study for watershed analysis	ISSN: 2319:2682	Vol.38, No.38, June 2015



8.	International Journal of Applied Research 2015; 1(6): 285-289	Spatial Distribution of Markets of Purba Medinipur, West Bengal	ISSN Print: 2394-7500 ISSN Online: 2394-5869	
9.	Research Journal of Social Science & Management Volume: 05, Number: 3, July 2015	Influence of Urban-Industrial Growth on Changing Scenario of Haldia Municipality, West Bengal	ISSN 2251 1571	Volume: 05, Number: 3, July 2015

B. SWATI MONDAL

SL. NO.	JOURNAL NAME	TITLE OF THE ARTICLE	ISSN NO.	VOLUME & NO.
1.	Asian Journal and Multidisciplinary studies	Changing land use pattern around Kolaghat Thermal Power Plant	ISSN-2321-8819	Vol-2,11(2014)
2.	International Journal of Multidisciplinary research and development	Effect of Coal based Power Plant on Betal cultivation	ISSN-2349-4182	Vol-1, 6 (2014)
3.	The international journal of Humanities and Social Studies	Thermal Power Plant - its impact on Agriculture-A Case Study	ISSN-2321-9203	Vol-2, 9 (2014)

C. SRI RAJEEB SAMANTA

SL. NO.	JOURNAL NAME	TITLE OF THE RESEARCH ARTICLE	ISSN NO.	VOLUME & NO.
1	Water conservation, Recharge and Morphology of Tanks- A Remote sensing, GIS and GPS Approach	An assessment of Soil erosion on lateritic upland adjacent to Kansabati river valley (Between Chandra range and Midnapore rail bridge) : A site based prototype research exercise	978-81-928721-6-2	Edition-2013



2	International Journal of Scientific Engineering and Research (IJSER),	“Block Level Disparity in Social Development: A Case Study of Paschim Medinipur, West Bengal, India”	2347-3878	Vol. (3)4: 92-95, 2015
3	International Journal of Science and Research (IJSR),	“Regional Disparity in Primary and Upper Primary Level of Education of Paschim Medinipur: A Block Level Analysis, West Bengal, India”	2319-7064	Vol. (4)5: 17-24, 2015
4	International Journal of Science and Research (IJSR)	“Habitat Based Micro-ecological Analysis of Urban Space in Mountain and grassland Habitat-An appraisal of the Gangtok Town, India”	2319-7064	Volume-(5)5: 2730-2736, 2015
5	Research Journal of Social Science & Management (TIJRP)	“Concentration of rural periodic markets of Paschim Medinipur: A geo-marketing approach”	2251-1571	Volume (05)2:49-58, 2015
6	Research Journal of Social Science & Management (TIJRP)	“Roadside Habitat micro-zonation and pavement Plant species composition analysis: A case of the Gangtok Town”	2251-1571	Vol: (05)2: 184-190, 2015
7	Research Journal of Social Science & Management (TIJRP),	“Gender Disparity in Primary level of Education in Paschim Medinipur: A Block level analysis”	2251-1571	Vol: (05)2: 200-209, 2015
8.	International Journal of Applied Research (IJSR), ISSN-	“Spatial Distribution of Markets of Purba Medinipur, West Bengal”	2394-5868,	Vol: (1)6: 285-289, 2015
9.	Research Journal of Social Science & Management (TIJRP),	“Spatial Patterns of Road Transport Network Development in Paschim Medinipur district of West Bengal”	2251-1571	Vol: (5)4: 13-23, 2015



10.	Research Journal of Social Science & Management (TIJRP),	“Market Hierarchical Pattern of Paschim Medinipur, West Bengal, India: An Approach”	2251-1571	Vol: (05)5: 93-110, 2015
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D. Sk Majharul Islam

SL. NO.	JOURNAL NAME	TITLE OF THE RESEARCH ARTICLE	ISSN NO.	VOLUME & NO.
1	Radix International Journal of Research in Social Science	<i>Automatic Drainage Extraction from SRTM Based Digital Elevation Model of Chilika Basin, Odisha,</i>	ISSN: 2250 – 3994	Volume 3, Issue 3, pp. 41-49. 2014.
2	Indian Journal of Geography and Environment	<i>Estimation of Land Surface Temperature of Chilika Lagoon Watershed and its Dependence on Terrain Properties</i>	ISSN: 0972-7388	Volume - 13, pp. 78 – 98.
3	Indian Journal of Geography and Environment,	<i>Morphodynamics of Barrier Spits and Tidal Inlets of Subarnarekha Delta: a study at Talsari-Subarnapur Spit, Odisha, India,</i>	ISSN: 0972-7388	Volume - 13, pp. 23 – 32.
4	Indian Cartographer,	<i>Mapping Coastal Landforms at the Interface of Sheltered Lagoon and Open Marine Environment: an assessment of Morphodynamics at the Chilika,</i>	ISSN: 0972-8392	Volume - 32, pp. 176 – 178.

Sl. No.	Title with page number	Type of Book / and Authorship	Publisher & ISBN / ISSN / Categorization
1	Introduction to Remote Sensing,	Text Book	ISBN: 978-93-81554-54-8
2.	An Assessment of Physiographic Habitats,	Chapter in Book, PP-135-160	Coastal Research Library, Vol. 9, Finkl,



	Geomorphology and Evolution of Chilika Lagoon (Odisha, India) Using Geospatial Technology, Remote Sensing and Modeling, Advances in Coastal and Marine Resources,		Charles W., Makowski, Christopher (Eds.), ISBN 978-3-319-06325-6, Springer-Netherlands,
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SRI TARUN SASMAL

SL. NO.	JOURNAL NAME	TITLE OF THE RESEARCH ARTICLE	ISSN NO.	VOLUME & NO.
1.	Water conservation, Recharge and Morphology of Tanks- A Remote sensing, GIS and GPS Approach	Drinking water quality and its effects on human health	978-81-928721-6-2	Edition-2013
2.	FOCUS - a multi-disciplinary and multilingual research journal	Presence of <i>E coli</i> Bacteria as the bio indicator of pond water-A Study of ecological aspects		July-2014

SRI BALAI ADHIKARY

SL. NO.	JOURNAL NAME	TITLE OF THE RESEARCH ARTICLE	ISSN NO.	VOLUME & NO.
1.	International journal of applied research	Role and spatial variation of performance of village development councils for the development of rural areas: A study in Purba Medinipur district of West Bengal	2394-7500 (print) 2394-5869 (online)	Volume 1 Issue 11
2.	International journal of innovative research & development	Self help groups is the innovative achievement for women empowerment and rural livelihood development : A case study at Gram Panchayat level in West Bengal	2278-0211	Vol 4 Issue 9
3.	Asian journal of multidisciplinary studies	Functioning problem of participatory Planning system : A case study at Gram Panchayat level in West Bengal	2321-8819 (online) 2348-7186 (print)	Volume 3 Issue 7

12.

DEPARTMENT OF HISTORY



12. DEPARTMENT OF HISTORY

1. *Name of the department* : DEPARTMENT OF HISTORY
2. *Year of Establishment* :
 - a) UG (General) -1961,
 - b) UG (Hons)- 1966,
 - c) PG – 2013 – 2014
3. *Names of Programmes /Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph. D., etc.)* : UG & PG
4. *Names of Interdisciplinary course sand the departments/ units involved* : NA
5. *Annual/semester/choice based credit system (programme wise)* :
Annual for UG & Semester for PG
6. *Participation of the department in the courses offered by other departments*
: YES
7. *Courses on collaboration with other universities, industries, foreign institutions, etc.* : No
8. *Details of courses/ programmes discontinued (if any) with reasons* : Nil
9. *Number of teaching posts* :

Teaching posts	Sanctioned	Filled				
		Whole Time	PTT	CWTT	UG-GL	PG-GL
Professors	Nil	Nil	Nil	Nil	Nil	Nil
AssociateProfessors	Nil	Nil	Nil	Nil	Nil	Nil
Asst.Professors	04	03	06	00	00	02



10. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt. /Ph.D./M.Phil. etc.)

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D. Students
Amzad Hussain	M.A., B.Ed.	Asstt. Prof.	Medieval India	5.5	Nil
Dr. Jitesh Ch. Roy	M.A, Ph.D., Museum Diploma	Asstt. Prof.	Modern Indian Constitution	5.5	Nil
Ashutosh Sarkar	M.A., M.Phil., Ph.D. Thesis submitted	Asstt. Prof.	18 th Century Indian History	5.5	Nil
Dr. Ranjit Kr. Pal	M.A., B.Ed. Ph.D.	PTT	International Relation	21	Nil
Smt. Soma Ghorai	M.A., B.Ed., M.Phil.	PTT	Modern Indian History	18	Nil
Manik Roy	M.A., B.Ed.,	PTT	Modern Indian History	17	Nil
Swadesh Ranjan	M.A., B.Ed., Ph.D. Admission taken	PTT	Modern Indian History	11	Nil
Ranjit Kr. Panja	M.A.	PTT	Ancient Indian History	9	Nil
Smt. Kakali Routh	M.A., B.Ed.,	PTT	Modern Indian History	7	Nil
Sk. Abul	M.A., M. Phil. Ph.D. Registered	G.L - PG	Mughal Indian History	9	Nil
Soumyadeb Maity	M.A. Gold Medalist, M.Phil, Ph. D registered	G.L - PG	Modern Indian History	2	Nil

11. List of senior visiting faculty :

Name	Designation	University
Dr. Rupkumar Barman	Professor	Jadavpur University
Dr. Debjani Das	Assistant Professor	Vidyasagar University
Mr. Goutam Chanda Roy	Associate Professor	Vidyasagar University
Mrs. Samita Sarkar	Associate Professor	Vidyasagar University
Mr. Srijit Mandal	Assistant Professor	Mahishadal Girls College



12. Percentage of lectures delivered and practical classes handled (programme wise by temporary faculty):

2014-15

	Year	Total Classes (per Week)	Classes taken	% of Classes
UG (G)	1st yr	22	00	00%
	2 nd yr	11	00	00%
	3 rd yr	05	00	00%
UG (H)	1 st yr	16	00	00%
	2 nd yr	20	00	00%
	3 rd yr	23	00	00%
PG	1 st Sem/ 3 rd Sem	30	15	50%
	2 nd Sem/ 4 th Sem	30	15	50%

2013-14

	Year	Total lasses(per week)	Classes taken	%of Classes
UG (G)	1st yr	18	00	00%
	2 nd yr	10	00	00%
	3 rd yr	06	00	00%
UG (H)	1 st yr	16	00	00%
	2 nd yr	19	00	00%
	3 rd yr	21	00	00%
PG	1 st Sem/ 3 rd Sem	30	15	50%
	2 nd Sem/ 4 th Sem	30	15	50%

2012-13

	Year	Total Classes (per week)	Classes taken	%of Classes
UG (G)	1st yr	17	00	00%
	2 nd yr	10	00	00%
	3 rd yr	06	00	00%
UG (H)	1 st yr	15	00	00%
	2 nd yr	20	00	00%
	3 rd yr	22	00	00%

**2011-12**

	Year	Total Classes (per week)	Classes taken	%of Classes
UG (G)	1st yr	17	00	00%
	2 nd yr	11	00	00%
	3 rd yr	7	00	00%
UG (H)	1 st yr	17	00	00%
	2 nd yr	21	00	00%
	3 rd yr	21	00	00%

13. Student-Teacher Ratio (programme wise) :**2014-15**

	Year	No of Students	No. of Teachers	Ratio
UG (G)	1 st yr	488	9	54:1
	2 nd yr	512	9	56:1
	3 rd yr	190	9	21:1
UG (H)	1 st yr	98	9	10:1
	2 nd yr	87	9	9:1
	3 rd yr	89	9	10:1
PG	1 st Sem/2 nd Sem	40	5	8:1
	3 rd Sem/ 4 th Sem	36	5	6:1

2013-14

	Year	No of Students	No. of Teachers	Ratio
UG(G)	1 st yr	1001	9	111:1
	2 nd yr	566	9	62:1
	3 rd yr	301	9	33:1
UG(H)	1 st yr	101	9	11:1
	2 nd yr	106	9	11:1
	3 rd yr	93	9	10:1
PG	1 st Sem/2 nd Sem	36	5	6:1



2012-13

	Year	No of Students	No. of Teachers	Ratio
UG(G)	1 st yr	914	9	101:1
	2 nd yr	501	9	55:1
	3 rd yr	185	9	20:1
UG(H)	1 st yr	129	9	14:1
	2 nd yr	102	9	11:1
	3 rd yr	50	9	5:1

2011-12

	Year	No of Students	No. of Teachers	Ratio
UG (G)	1st yr	886	9	94:1
	2 nd yr	646	9	71:1
	3 rd yr	450	9	50:1
UG (H)	1 st yr	118	9	13:1
	2 nd yr	100	9	11:1
	3 rd yr	79	9	9:1

14. *Number of academic support staff (technical) and administrative staff; sanctioned and filled: 01 (Appointed by the college on temporary basis)*
15. *Qualifications of teaching faculty with D Sc/ D. Litt/Ph. D/M Phil/PG:*

Sl No.	Name of the Teacher	PG	M Phil	PhD	D Lit	D Sc
1.	Amzad Hussain	✓	-	-	-	-
2.	Dr. Jitesh Ch. Roy	✓	-	✓	-	-
3.	Sri Ashutosh Sarkar	✓	✓	-	-	-
4.	Dr. Ranjit Kr. Pal	✓	-	-	-	-
5.	Smt. Soma Ghorai	✓	-	-	-	-
6.	Sri Manik Roy	✓	-	-	-	-
7.	Sri Swadesh Ranjan Pradhan	✓	-	-	-	-
8.	Sri Ranjit Kr. Panja	✓	-	-	-	-
9.	Smt. Kakali Routh	✓	-	-	-	-
10.	Sk. Abul	✓	✓	-	-	-
11.	Soumyadeb Maity	✓	✓	-	-	-



16. *Number of faculty with ongoing projects from a) National b) International funding agencies and grants received: Nil*
17. *Departmental projects funded by DST-FIST; UGC, DBT, ICSSR, etc. and total grants received : Nil*
18. *Research Centre/facility recognized by the University: Nil*
19. *Publications:*

- * a) Publication per faculty (ANNEXURE – 1)

	<i>Publication per faculty</i>	<i>No. of papers published</i>	<i>peer reviewed journals (National / International)</i>
1	Amzad Hussain	06	NIL
2	Dr. Jitesh Chandra Roy	07	NIL
3	Ashutosh Sarkar	02	NIL
4	Sk. Abul	01	NIL
Separate seed is added as an ANNEXURE - 1			

- a) Number of papers published in peer reviewed journals (national/ international) by faculty and students
- b) Number of publications listed in International Database (For E.g.: Web of Science, Scopus, Humanities International I Complete, Dare Database-International Social Sciences Directory, EBSCO host, etc.)
- c) Monographs
- d) Chapter in Books
- e) Books Edited : **02 (Two)**
- f) Books with ISBN/ISSN numbers with details of publishers
- g) Citation Index
- h) SNIP
- i) SJR
- j) Impact factor
- k) h-index

Books with ISBN/ISSN numbers with details of publishers				
:				
Name of Book	Edited by	ISBN	Publisher	Year
<i>Uttar Banger Rajbanshi Somaj O Sanaskriti</i>	Dr. Jitesh Chandra Roy and Ratan Chandra	978-93-82433-16-3	Sopan, 206 Bidhan Sarani, Kol-700006	2014



	Roy			
<i>Kamrup theke Koch Behar</i>	Amzad Hussain	978-93-84099-08-4	Suhrid, College square, Kolkata-700073.	2014

20. Areas of consultancy and income generated: Nil

21. Faculty as members in:

- a. National committees
- b. International Committees
- c. Editorial Boards: **Editorial Boards – Dr. Jitesh Chandra Roy, Bangla Loksangeet kosh (Encyclopedia of Bengali Folk song) Amar Bharati, Kolkata – 700009, ISBN No.13-97881-906484-62, 2013**

22. Student projects: Nil

- a) Percentage of students who have done in-house projects including interdepartmental/ Programme : Nil

23. Awards/Recognitions received by faculty and students : Students received awards from the college for good academic and extracurricular performances.

24. List of eminent academicians and scientists/visitors to the department : Anil Bhuinmali, Honourable V.C. of Raigang University, (W.B.) Visited the Department in the year of 2015

25. Seminars/Conferences/Workshops organized & the source of funding

- a) National :
- b) International :
- c) state level : **State level Seminar -02, (2010, 2015)**

26. Student profile programme /course wise:

Name of the Course/ programme (refer question no. 4)	Applications received		Selected	Enrolled		Pass (%)
				M	F	
History (Hons)	14-15	173	98	36	62	97.73
	13-14	212	101	48	53	100
	12-13	334	129	67	62	92.80
	11-12	392	118	56	62	95.50
PG	15-16	293	44	28	16	N/A
	14-15	323	40	27	13	N/A
	13-14	V.U	40	26	14	100

M=Male F=Female



27. Diversity of Students

Name of the Course	% of students from the same state	% of students from other States	% of students from abroad
UG (Hons)	100%	-	-
UG(General)	100%	-	-
PG	100%	-	-

28. *How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.?* :

Record not available

29. Student progression

Student progression	Against % enrolled
UG to PG	60%
PG to M.Phil.	Record is not available
PG to Ph.D.	Record is not available
Ph.D. to Post-Doctoral	Record is not available
Employed	20%
• Campus election	Nil
• Other than campus recruitment	30%
Entrepreneurship/Self-employment	Nil

30. Details of Infrastructural facilities:

- a. Library: **Central library & Departmental Library (Seminar Library)**
- b. Internet facilities for Staff & Students : **Yes**
- c. Class rooms with ICT facility : **Yes**
- d. Laboratories : **No**

31. *Number of students receiving financial assistance from college, university, Government or other agencies:*

The students belonging to minority groups and belonging to SC, ST and



OBC categories receive scholarship from Govt. The girls belonging to BPL category are receiving financial assistance under state government.

From College	Government or Other Agencies				
	National Scholarship	Minority Scholarship	Physically Handicapped Scholarship	Bidi Workers Stipends	SC / ST Stipends
2013-14	Nil	18	Nil	Nil	20
					04
					22
2012-13	Nil	16	Nil	Nil	29
					09
					11
2011-12	04	10	a) Prosenjit Ghorai, Rs.1500 b) Ranjan Samanta, Rs. 1500 c) Subhadeep Samanta, Rs.1500	Nil	33
					08
					13
2010-11	Nil	17	Subhadeep Samanta, Rs.1500	Nil	20
					09
					04

32. Details on student enrichment programs (special lectures/workshops/seminar) with external experts:

- a) Special Lecturer for Honours Students.
- b) Extra Class.
- c) Publication of Wall Magazine.
- d) Class Test.
- e) Providing Study Materials and Notes.
- f) Remedial Coaching to the Backward Section of the Students.

33. Teaching methods adopted to improve student learning:



- a) Co-operative learning.
- b) LCD Projector (Power point), Movie show.
- c) Project based learning.
- d) Direct Method.
- e) Indirect Method.
- f) Use of Teaching Models and Charts.

34. Participation in Institutional Social Responsibility (ISR) and Extension activities :

- a) Extension activities organized by the Panskura Banamali College NSS units (Blood Donation Camp)
- b) Health Unit (Medical Camp)
- c) Environmental Awareness Programme
- d) Fresher's Welcome Programme
- e) Farewell Programme

35. SWOC analysis of the department and Future plans :

STRENGTH	<ol style="list-style-type: none"> a) Qualified faculty with 22% having Ph. D, 22%M.Phil Degree. b) High success rate and low dropout rate in college or university examinations. c) Computer with internet in the department having access to INFONET facilities.
WEAKNESS	<ol style="list-style-type: none"> a) Limited use of ICT in teaching learning process. b) At present no UGC, SAP, CAS, DSA DRS schemes are operating in the department. c) Lack of adequate student support services. d) Formal and functional mechanism of collecting feedback from students and other stake holders on various aspects of university has not yet been developed.
CHALLENGES	<ol style="list-style-type: none"> a) To fully realize its vision and mission. b) To attract and retain the qualified faculty. c) To generate funds to improve the financial position. d) To raise the level of teaching and research in terms of quality and quantity.
	<ol style="list-style-type: none"> a) Scope for programme diversification with new ICT enabled courses.



OPPORTUNITY	<ul style="list-style-type: none">b) Scope for developing more linkages with other institutions of national and international repute.c) Scope for research and Museum preservation.d) Opportunities for empowerment of rural women.e) Activities for societal development, Tribal studies & women studies.
FUTURE PLANS	<ul style="list-style-type: none">a) We already have introduced P.G course, so it is now we keenly interested to inaugurate research programme, like M.Phil and Ph. D programmes. We already have taken steps to reveal research based journal.



ANNEXURE -1 PUBLICATION

Details of publications (articles)

1. Ashutosh Sarkar, Kashiswar Chakravarty: A Popular Tribal Hero in Dinajpur and Malda (1905-39) (English), Proceedings of the Indian History Congress (71st SESSION Malda), Arun Bandopadhyay, Secretary of Indian History Congress, ISSN 2249-1937, page No- 688, 2011.
2. Ashutosh Sarkar, *Uttar Banger Saphahor Andoloner Oitihashik Anusandhan- Bingsha theke Akabingsha shatak* (Bengali), Itihas Anusandhan- 27, Proceedings of the Paschim Banga Itihas Samsad Editor-Manju Chattopadhyay, ISBN – 978-81-910874-3-7, page No- 423, 2013.
3. Sk. Abul, *Unabinsha shatabdir muslim nabajagaran: Medinipurer Obaidullah al obaidi Surhawary (1832-1885)* (Bengali), Itihas Anusandhan- 29, Proceedings of the Paschim Banga Itihas Samsad, page No- 637, 2013.
4. J.C .ROY: *Uttarbanger Rajbanshi Somager Dhormo Bhubona ; Loka-Utsa (The Sources of Folk)*, Vol: 1; Issue : 1, ISSN: 2321-7340 ; Edited by : Paimal Barman ;January, 2013; Page= 250-252. ISSN: 2321-7340 ;
5. J .C .ROY :*Uttarbanger Rajbanshi Somager Lokaeoto Dhormo Bissos, Lokosonskriti, Loksilpo & Silpisomaj*; N. L. Publisher ; Sivmandir ; Silliguri ; Edited by: Gobindo Rajbanshi & Piali Basu Roy ; 2013 ; Page= 63-71; ISBN: 978-81-86860-89-2.
6. J .C. ROY, *Desbhog , Udbostu sonkot o Uttarbanger Rajbanshi Somag, Uttarbanger Simanta* ; Edited by: Krishnandu Roy ; The Shee Book Agency ; Lolkata- 07 ; 2013 ; Page : 135-142 ; ISBN : 978-81-924520-7-4.
7. J .C. ROY ., *Bhawaiya Gan ; Bengal Loksangeet Kosh (Encyclopadia of Bengali Folk Song)* ; Edited by: Dr. Kakali Dhara Mandal ; Amar Bharati ; Kolkata- 09 ; Page: 509-519 ; ISBN: 13-978-81-906484-6.
8. J .C .ROY., *Uttarbanger Rajbanshi Somager- Ortho Samagic Prekhapat ; Kamrup Theke Kochbehar* ; Edited by Amzad Hussain ; Suhaday Publication ; Kolkata-72 ; 1 Nov , 2014 ; Page: 136-148 ; ISBN: 978-93-84099-08-4.
9. J .C .ROY, *Jangolmohaler Adibasi Somaj o Badona Porob ; Oitijhya, The Tradition ; Annual Research Journal of Folklore Studies;(Peer Reviewed)* ; Vol. 5; October 4, 2015 ;Krishnapur, Kolkata-101, WB ; Page=139-146 ; ISSN No-2320 6438.(Faculty as member in Editorial Board, Co-Editors)
10. J.C .ROY. *Uttarbanger Gandhi : Daradia Jageswar Roy, Bhoga ; Volum- 1 , Issue-1, October,2014* ; Edited by: Nikhiles Roy ; Rajbanshi Bhasha



Academy, Information & Cultural Affairs, Government of West Bengal, Victor Palace, Cooch Behar, Page= 65-70.

11. Amzad Hussain, *Kochbehar Rajye Hindu Dharmer Samprasaran(1500-1950A.D.)*, Itihas Anusandhan-27, Paschim Banga Itihas Samsad, ISBN:9788191087437, 2013.
12. Amzad Hussain, *Rajbanshi Samajer Khabar- dabar o Khela –Dhula*, Loke-Utsa, Upjan Bhui, Publishers, ISSN:23217340, 2013-2014.
13. Amzad Hussain, *Islam in Kamta Koch Kingdom*, The Mirror, Cinnamara College Publication, ISSN: 23489596, 2014.
14. Amzad Hussain, *Educational Progress of the Muslim Minorities in Coochbehar (1947-2015 A.D.)*, Sikshajyoti, Cinnamara College Publication, ISSN:23489588, 2015.
15. Amzad Hussain, *Abbas Uddin Ahmad:The Legendary King of Bhawaiya*, The Mirror, Cinnamara College Publication, ISSN: 23489596, 2015.
16. Amzad Hussain, *Kochbeharer Somaj O Sanskrity*, Anima Prakashani, ISBN:9789383123155, 2014.
17. Amzad Hussain, *Nagar lal bazarer Itikatha*, Kochbeharer Somaj O Sanskrity, Anima Prakashani, ISBN:9789383123155, 2014.
18. Amzad Hussain, *Kamrup theke kochber(Edited Book)*, Kamrup theke kochber, Suhrid Publication, ISBN:9789384099084, 2014.

BOOK:

1. *Uttarbanger Rajbanshi Ssomag o sonaskriti, Kichu PrasonBhabona*: Edited by Dr. Jitesh Chandra Roy & Ratan Chandra Roy; Sopan, 206- Bidhan Sarani, Kolkata-06, January-2014, ISBN: 978-93-82433-16-3.
2. Faculty as member in Editorial Boards :
 - a. Editorial Boards- Dr. Jitesh Chandra Roy, Bangla Loksangeat kosh (encyclopedia of Bengali Folk song), Amar Bharati, Kolkata-09, ISBN no-13-97881-906484-62, 2013.

Details of seminar;

:

State level Seminar 2015, 17.03.2015, Dr. Parul Chatterjee (Speaker) on “*Discussion About Child Rights in India with Special Reference to Child Labour*”.

13.

**DEPARTMENT
OF MATHEMATICS**



13. DEPARTMENT OF MATHEMATICS

1. *Name of the department:* DEPARTMENT OF MATHEMATICS
2. *Year of Establishment:* 1962
3. *Names of Programmes/ Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.):*
 - a) UG (General: 1962-63,
 - b) Hons: 1964-65) &
 - c) PG (2013-14)
4. *Names of Interdisciplinary courses and the departments/units involved:* NA
5. *Annual/ semester/choice based credit system (programme wise):*
UG Section (Hons & General): Annual & PG Section: Semester
6. *Participation of the department in the courses offered by other departments:* NA
7. *Courses in collaboration with other universities, industries, foreign institutions, etc.:* NA
8. *Details of courses/programmes discontinued (if any) with reasons:* NA
9. *Number of teaching posts:* 7

Teaching Posts	Sanctioned	Filled
Professors	-	-
Associate Professors	-	-
Asst. Professors	05	05
PTT (Govt. approved)	00	00
UG-Guest Lecturer (GB)	02	02
CWTT (Govt. approved)	00	00
PG- Guest Lecturer (GB approved)	04	04



10. Faculty profile with name, qualification, designation, specialization, (D.Sc./ D.Litt./ Ph.D. / M. Phil. etc.)

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D. Students guided
Sanjib Kuila	M. Sc.	Astt. Professor	Meteorology	14 years	Nil
Dr. Nirmal Kr. Mahapatra	Ph. D.	Asst. Professor	O.R.	13 years	1
Dr. Nandini Bandyopadhyay	Ph. D.	Asst. Professor	Topology, Real Analysis, Functional Analysis	8 years	Nil
Dr. Tuhin Kr. Kar	M. Ed., Ph. D.	Asst. Professor	Solid Mechanics, E. T.	12 years	Nil
Dr. Kazi Abdul Halim	Ph.D.	Asst. Professor	O.R.	1 year	Nil
Jayasree Dey	M.Sc.	Guest Teacher (U.G.)			
Rina Dua	M.Sc.	Guest Teacher (U.G.)			

11. List of senior visiting faculty:

Sl. No.	Name	Designation	Institution
1.	Dr. Narayan Chandra Chattopadhyay	Retired Associate Professor	Seba Bharati Mahavidyalaya
2.	Dr. Sibsankar Das	Asst. Professor	Uluberia college
3.	Dipankar Das	Asst. Professor	Sahid Matangini Womens' College
4.	Dr. Soovoojeet Jana	Asst. Professor	Sainthia College



12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty:

2014-15

	Year	Total Classes	Classes taken	%of Classes
UG(G)	1 st yr.	04	03	75%
	2 nd yr.	05	04	80%
	3 rd yr.	03	01	33%
UG(H)	1 st yr.	13	03	23%
	2 nd yr.	18	05	28%
	3 rd yr.	19	04	21%
PG	1 st sem./3 rd sem.	24	06	25%
	2 nd sem./4 th sem.	24	06	25%

2013-14

	Year	Total Classes	Classes taken	%of Classes
UG(G)	1 st yr.	04	03	75%
	2 nd yr.	05	04	80%
	3 rd yr.	03	01	33%
UG(H)	1 st yr.	13	03	23%
	2 nd yr.	18	05	28%
	3 rd yr.	19	04	21%
PG	1 st sem./3 rd sem.	24	06	25%
	2 nd sem./4 th sem.	24	06	25%

2012-13

	Year	Total Classes	Classes taken	%of Classes
UG(G)	1 st yr.	04	03	75%
	2 nd yr.	05	04	80%
	3 rd yr.	03	01	33%
UG(H)	1 st yr.	13	03	23%
	2 nd yr.	18	05	28%
	3 rd yr.	19	04	21%



2011-12

	Year	Total Classes	Classes taken	%of Classes
UG(G)	1 st yr.	04	03	75%
	2 nd yr.	05	04	80%
	3 rd yr.	03	01	33%
UG(H)	1 st yr.	13	03	23%
	2 nd yr.	18	05	28%
	3 rd yr.	19	04	21%

13. Student-Teacher Ratio (programme wise):

2014-15

	Year	No of Students	No. of Teachers	Ratio
UG (G)	1 st yr.	300	06	50:1
	2 nd yr.	189	06	32:1
	3 rd yr.	26	06	4:1
UG (H)	1 st yr.	85	06	14:1
	2 nd yr.	63	06	11:1
	3 rd yr.	49	06	8:1
PG	1 st sem./3 rd sem.	25	08	3:1
	2 nd sem./4 th sem.	25	08	3:1

2013-14

	Year	No of Students	No. of Teachers	Ratio
UG (G)	1 st yr.	232	06	39:1
	2 nd yr.	156	06	26:1
	3 rd yr.	15	06	3:1
UG (H)	1 st yr.	62	06	11:1
	2 nd yr.	58	06	10:1
	3 rd yr.	36	06	6:1
PG	1 st sem./3 rd sem.	25	08	3:1
	2 nd sem./4 th sem.	25	08	3:1



2012-13	Year	No of Students	No. of Teachers	Ratio
UG (G)	1 st yr.	280	06	47:1
	2 nd yr.	166	06	28:1
	3 rd yr.	15	06	3:1
UG (H)	1 st yr.	81	06	14:1
	2 nd yr.	52	06	9:1
	3 rd yr.	41	06	7:1

2011-12	Year	No of Students	No. of Teachers	Ratio
UG (G)	1 st yr.	264	06	44:1
	2 nd yr.	141	06	24:1
	3 rd yr.	12	06	2:1
UG (H)	1 st yr.	72	06	12:1
	2 nd yr.	55	06	9:1
	3 rd yr.	37	06	6:1

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled: 1 (appointed by the college on temporary basis)

15. Qualifications of teaching faculty with D.Sc. / D.Litt. / Ph.D. / MPhil / PG

Sl. No.	Name of the Teacher	PG	M.Phil.	Ph.D.	D.Litt.	D.Sc.
1.	Sanjib Kuila	✓	-	-	-	-
2.	Dr. Nirmal Kr. Mahapatra	✓	-	✓	-	-
3.	Dr. Nandini Bandyopadhyay	✓	-	✓	-	-
4.	Dr. Tuhin Kr. Kar	✓	-	✓	-	-
5.	Dr. Kazi Abdul Halim	✓	-	✓	-	-



16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received: Nil

17. Departmental projects funded by DST - FIST; UGC, DBT, ICSSR, etc. and total grants received: Nil

18. Research Centre /facility recognized by the University: N.A.

19. Publications: (ANNEXURE – 1)

- a. Publication per faculty (in local journals)
- b. Number of papers published in peer reviewed journals (national /international) by faculty and students
- c. Number of publications listed in International Database (For Eg: Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)
- d. Monographs
- e. Chapter in Books
- f. Books Edited
- g. Books with ISBN/ISSN numbers with details of publishers
- h. Citation Index
- i. SNIP
- j. SJR
- k. Impact factor
- l. h-index

Name	a	b	c	d	e	f	g	h	i	j	k	l
Sanjib Kuila		2										
Dr. Nirmal Kr. Mahapatra		28										
Dr. Nandini Bandyopadhyay												
Dr. Tuhin Kr. Kar		11			1		1					
Dr. Kazi Abdul Halim		4										
Jayasree Dey												
Rina Dua												

20. Areas of consultancy and income generated: NA

21. Faculty as members in: NA

- a) National committees b) International Committees c) Editorial Boards....



22. Student projects:

- a) Percentage of students who have done in-house projects including inter departmental/ Programme:

Course	Paper	% of Student are involved
UG(H)	VIII	100%
PG (From 2013-14)	4 th sem.	100%

- b) Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/Industry/ other agencies: NA

23. Awards / Recognitions received by faculty and students: Nil

24. List of eminent academicians and scientists/visitors to the department:

N.A

25. Seminars/ Conferences/Workshops organized & the source of funding

- a) National
b) International: NA

26. Student profile programme /course wise:

Name of the Course/programme (refer question no. 4)	Applications received		Selected	Enrolled		Pass percentage
				M	F	
Mathematics (Hons.)	14-15	406	85	66	19	89.65
	13-	607	62	48	14	94.44
	12-	354	81	63	18	93.33
	11-	752	72	57	15	90.00
Mathematics (PG)	14-15	by VU	27	18	09	continuing
	13-	by	25	14	11	80.95

M = Male F = Female



27. Diversity of Students

Name of the Course	% of students from the same state	% of students from other States	% of students from abroad
UG (Hons.)	100%	-	-
UG(General)	100%	-	-
PG	100%	-	-

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.? Nil

29. Student progression

Student progression	Against % enrolled
UG to PG	~ 70
PG to M.Phil.	Data not available
PG to Ph.D.	Data not available
Ph.D. to Post-Doctoral	NA
Employed • Campus selection • Other than campus recruitment	NA
Entrepreneurship/Self-employment	Data not available

30. Details of Infrastructural facilities:

- Library: **Central Library no of books: 3323**
- Internet facilities for Staff & Students: We have 32 desktop computer and one laptop and among them 23 computers are connected with high speed broad band internet.
- Class rooms with ICT facility: **Yes**
- Laboratories: **Computer Lab.**

31. Number of students receiving financial assistance from college, university, Government or other agencies:

Year	SC	ST	OBC	PH	Minority	Merit-Cum-Means
2013-14	10	01	08	-	10	-
2012-13	06	02	05	-	05	-



2011-12	10	02	07	01	05	19
2010-11	05	01	03	-	07	06

32. Details on student enrichment programmes (special lectures/ workshops /Seminar) with external experts:

- a) Special Lecturer for PG Students
- b) Extra Class
- c) Teacher's Day Celebration
- d) Departmental Tour
- e) Class Test
- f) Providing Study Materials and Notes
- g) Fresher's Welcome Programme
- h) Farewell Programme
- i) Sports Encouragement
- j) Remedial Coaching to the Backward Section of the Students

33. Teaching methods adopted to improve student learning:

- a) Power Point Presentation
- b) Co-operative learning
- c) Project based learning
- d) Direct Method
- e) Indirect Method

34. Participation in Institutional Social Responsibility (ISR) and Extension activities:

1. Field Studies by Teachers & Students

35. SWOC analysis of the department and Future plans:

SWOC analysis:

SWOC	ANALYSIS
Strength	<ol style="list-style-type: none"> a) Good numbers of intelligent students in our department b) 80% passing rate of the students c) Qualified, competent, dedicated faculty d) Computer Lab. e) PG section f) Internet facilities for staff & student



Weakness	<ul style="list-style-type: none"> a) Lack of sufficient non-teaching staff b) Need of campus interview for placement c) Being a rural college a number of students are coming from very poor background d) Mostly first generation learners with rural background e) Need of more subject books for library
Opportunity	<ul style="list-style-type: none"> a) To arrange more seminars b) To procure more books c) To arrange more extra classes
Challenges	<ul style="list-style-type: none"> d) To launch a departmental e-journal e) To ensure employability of maximum number of students f) To motivate maximum number of students in higher education g) To make not only good students but also good citizens

FUTURE PLANS:

Future plans	<ul style="list-style-type: none"> a) To launch a departmental journal with ISSN numbers b) To launch a departmental e-journal
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ANNEXURE – 1 PUBLICATION

Publication of Sanjib Kumar Kuila :

1. Kuila, S.K., 2013. An Analytical Proof of Four Color problem, *Journal of Science*, 3 (2), ISSN: 2324-9854 : **Publisher:** Worldscience
2. Kuila, S.K., 2014. Algebraic Approach to Prove Non-Coplanarity of K_9 , *International Journal of Engineering Inventions*, 4, 19-23. ISSN: 2278-7461, 2319-6491, **Publisher:**

Publication of Dr. Nirmal Kumar Mahapatra :

1. Inventory model for deteriorating items with uncertain setup time, *Tamsui Oxford Journal of Management Science*, Taiwan, ROC , 20(2), 83-102, 2004. ISSN: 0258-5375.
2. Multi-objective inventory models of multi-items with quality and stock dependent demand and stochastic deterioration, *Advanced Modeling and Optimization*, Romania, Vol-7, NO-1, pp.69-84, 2005, ISSN: 1841-4311
3. Decision process for multi-objective, multi-item production - inventory system via interactive fuzzy satisficing technique, *Computers and Mathematics with Applications*, USA, 49, 805-821, 2005. ISSN: 0898-1221.
4. A Multi-objective Model of Wholesaler-Retailers' Problem via Genetic Algorithm, *Journal of Applied Mathematics and Computing*, Korea, Vol. 19, No. 1-2, pp. 397-414, 2005, ISSN: 1598-5865 (Print) 1865-2085 (Online).
5. Inventory Model for a Product of a Multi-National with/without Defective Production Process, *AMSE-Modelling, Measurement and Control, (D) Production Engineering and Management, Organization, Human and Social Problems*, France, Vol.-26, No-1, 2005, pp.1-20. ISSN: 1259-5985,
6. A Fuzzy Stochastic Approach to Multi-objective inventory model of Deteriorating Items with Various Types of Demand and Time Dependent Holding Cost, *OPSEARCH*, India Vol. 43, No. 2 (2006) 88-102. ISSN: 0030-3887 (print) , ISSN: 0975-0320 (online)
7. Production-inventory model for a deteriorating item with imprecise preparation time for production in finite time horizon, *Asia Pacific Journal of Operations Research*, Vol. 23, No. 1 (2006) 1-22, **Print ISSN: 0217-5959. Online ISSN: 1793-7019**
8. Optimal policy for vendor-buyers production - inventory system of a deteriorating item : a multi-objective approach, *Tamsui Oxford Journal of Management Science*, 23(3), 35-58, 2007. ISSN: 0258-5375



9. Production-inventory policy for a deteriorating item with a single vendor-buyer system, *Optimization and Engineering*, USA, 8, 431-448, 2007. ISSN 1389-4420
10. Fuzzy EPQ models for a deteriorating item with fuzzy preparation time, imprecise demand and production, *Tamsui Oxford Journal of Management Science*, 23(2), 37-56, 2007. ISSN: 0258-5375
11. A multi-objective wholesaler – retailers’ inventory – distribution model with controllable lead time based probabilistic fuzzy set and triangular fuzzy number, *Applied Mathematical Modeling*, 32, 2670 – 2685, 2008. ISSN: 0307-904X.
12. Initial Valued First order Fuzzy Differential Equation in Bi-level Inventory Model with Fuzzy Demand, *Mathematical Modeling and Analysis*, 13(4), 493-512, 2008, ISSN 1392-6292 print, ISSN 1648-3510 online
13. An imperfect fuzzy production-inventory model over a finite time horizon under the effect of learning, *International Journal of Mathematics in Operational Research*, Vol. 1, No.3 pp. 351 – 371, 2009. ISSN online: 1757-5869, ISSN print: 1757-5850
14. A two warehouse inventory model for a deteriorating item with partially / fully backlogged shortage and fuzzy lead time, *European Journal of Operations Research*, 189, 59-75, 2008, SSN 0377-2217
15. A multi-item mixture inventory model involving random lead time and demand with budget constraint and surprise function, *Applied Mathematical Modelling*, vol. 33, 4337-4344, 2009, *Applied Mathematical Modelling*, vol. 33, 4337-4344, 2009, ISSN 1392-6292 print, ISSN 1648-3510 online
16. A Production Inventory Model with Shortages, Fuzzy Preparation Time and Variable Production and Demand, *American Journal of Operations Research*, 2, 183-192, 2012, ISSN Print: 2160-8830 ISSN Online: 2160-8849
17. Multi-objective inventory model of deteriorating items with some constraints in an intuitionistic fuzzy environment, *International Journal of Physical and Social Sciences*, Vol. 2(9), 341-363, September 2012, ISSN: 2249-5894.
18. Intuitionistic Fuzzy Soft Function And It's Application In The Climate System, *IRACST- International Journal of Research in Management & Technology (IJRMT)*, Vol. 2, No. 3, June 2012, ISSN: 2249-9563
19. Different Types of Matrices in Fuzzy Soft Set Theory and Their Application in Decision Making Problems, *IRACST – Engineering Science and Technology: An International Journal (ESTIJ)*, Vol.2, No. 3, June 2012, ISSN: 2250-3498
20. Matrices in soft set theory and their applications in decision making problems, *South Asian Journal of Mathematics* 2012 , Vol. 2 (2) : 126-143, ISSN 2251-1512.



21. METRIC SPACE OF FUZZY SOFT SET, *Advances in Fuzzy Sets and Systems*, Vol. 10, No. 2, 2011, 111-139. ISSN: 0973-421X
22. On Some Properties of Fuzzy Soft Sets And Intuitionistic Fuzzy Soft Sets, *International Journal of Physical and Social Sciences*, Vol. 2(5), May 2012, pp. 240-270, ISSN: 2249-5894.
23. Different Types of Matrices in Intuitionistic Fuzzy Soft Set Theory and Their Application in Predicting Terrorist Attack, *International Journal of Management, IT and Engineering*, Vol.2(9), 72-105, September 2012, ISSN: 2249-0558
24. On Some New Operations in Fuzzy Soft Set And Intuitionistic Fuzzy Soft Set Theory, *International Journal of Computer Science and Information Technology & Security (IJCSITS)*, Vol. 2, No.2, April 2012, ISSN: 2249-9555.
25. A balanced solution of a fuzzy soft set based decision making problem in medical Science, *Applied Soft Computing* 12 (2012) 3260–3275, ISSN: 1568-4946
26. Intuitionistic fuzzy soft matrix and its application in decision making problems, *Annals of Fuzzy Mathematics and Informatics*, Vol. 7, No. 1, (January 2014), pp. 109-131. ISSN: 2093-9310 (print version)ISSN: 2287-6235 (electronic version)
27. Matrices in interval-valued fuzzy soft set theory and their application, *South Asian Journal of Mathematics* 2014, Vol. 4 (1) : pp.1-22. ISSN 2251-1512
28. EOQ model for a deteriorating item with lead-time under inflation over a finite time horizon, *International Journal of Mathematics And its Applications*, Vol. 3(1), (2015), pp.7-19, ISSN: 2347-1557

Publication of Dr. Tuhin Kumar Kar :

1. Kar, T. K., *Generalised thermoelastic infinite medium with a spherical cavity subject to harmonically varying heat*, IJAR, Vol. 4, No. 7, pp. 349-353 (2014).
2. Kar, T. K., *On a thermoelastic problem of half-space under mechanical shock and sinusoidal temperature distribution* , IJPAMS, Vol. 6, No. 1, pp. 49-58 (2013).
3. Kar, T. K., A study on teachers' attitude towards the introduction of life-style education in purba medinipur district of West Bengal, IJSSIR, Vol. 2, No. 6, pp. 12 – 19 (2013).
4. Kar, T. K., *A study on learners' attitude towards the introduction of life-style education in purba medinipur district of West Bengal*, IJAR, Vol. 3, No. 8, pp. 148 – 150 (2013).



5. Kar, T. K. & Lahiri, A., *Some one dimensional problems of thermoelasticity in a non-simple medium*, Journal of Mathematics, Vol. 1, No. 2, pp. 165-172 (2008).
6. Lahiri, A. & Kar, T. K., *Eigenvalue approach to generalized thermoelastic interactions in an unbounded body with spherical cavity*, IJAME, Vol. 12, No. 4, pp. 1027-1037 (2007).
7. Lahiri, A. & Kar, T. K., *Eigenvalue approach to generalized thermoviscoelasticity with one relaxation time parameter*, Tamsui Oxford Jour. of Mathematical Sciences, **23(2)**, pp. 185-218 (2007).
8. Kar, T. K. and Lahiri, A., *Eigenvalue approach to generalized thermoelasticity in an isotropic medium with an instantaneous heat source*, IJAME, Vol. 9 No. 1 pp. 147-160 (2004).
9. Chakraborty, H. S., Kar, T. K. and R. Ghosh, *Mechanical response of a pre-energised semi-conductor transducer with dissipative characteristics*, Indian Jour. of Theor. Physics, Vol. 51 No. 2, pp. 123-129 (2003).
10. Chakraborty, H. S. and Kar, T. K., *Deflection of a circular plate due to heating of a concentric circular region*, Jour. of Appl. Math. And Computing, Vol.10, No.1-2, pp. 217-226 (2002).
11. Chakraborty, H. S., Kar, T. K. and Ghosh, R., *Thermal response due to application of time-decaying pressure on the surface of a spherical cavity*, Acta Ciencia Indica, Vol.XXVII M, No. 4, pp. 467-470(2001).

Article Published in Edited Book:

1. Kar, T. K., *A Study on the attitude of academic community towards the inclusion of Life-style education at secondary stage in West Bengal*, Constructivism in Education (ISBN 978-93-82885-21-4), 1st Edition, Kumud Publications, New Delhi, pp.218 – 235 (2013).

Book:

1. Mondal B.C. & Kar, T .K., “*Management and Technology in Education*” (In Bengali), ISBN – 978-81-922634-7-2, Rita Publication, 3rd Edition (2012).

Publication of Dr. Kazi Abdul Halim :

1. Halim, K.A., Giri, B.C. and Chaudhuri, K.S., 2008. Fuzzy economic order quantity model for perishable items with stochastic demand, partial backlogging and fuzzy deteriorating rate, *International Journal of Operational Research*, 3, 77-96. ISSN: 17457653, 17457645, **Publisher:** Inderscience



2. Halim, K.A., Giri, B.C. and Chaudhuri, K.S., 2008. Fuzzy EPQ models for an imperfect production system, *International Journal of Systems Science*, 40(1), 45-52. **ISSN** 0020-7721 (Print), 1464-5319 (Online) **Publisher** : Taylor & Francis, **Impact Factor**: 2.100
3. Halim, K.A., Giri, B.C. and Chaudhuri, K.S., 2010. Lot sizing in an unreliable manufacturing system with fuzzy demand and repair time, *International Journal of Industrial and Systems Engineering*, 5, 485-500. : **ISSN** -1748-5037, **Publisher**: Inderscience
4. Halim, K.A., Giri, B.C. and Chaudhuri, K.S., 2011. Fuzzy production planning models for an unreliable production system with fuzzy production rate and stochastic/fuzzy demand rate, *International Journal of Industrial Engineering Computations*, 2, 179-192. **ISSN**: 1923-2926/1923-2934 : **Publisher**: Growing Science

14.

**DEPARTMENT
OF MICROBIOLOGY**



14. DEPARTMENT OF MICROBIOLOGY

The Self-evaluation of every department may be provided separately in about 3-4 pages, avoiding the repetition of the data.

1. *Name of the department* : **DEPARTMENT OF MICROBIOLOGY**
2. *Year of Establishment* : **1998**
3. *Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.)* : **Under Graduate**
4. *Names of Interdisciplinary courses and the departments/units involved:*
Computer (Paper-3) – Department of computer science
5. *Annual/ semester/choice based credit system (programme wise):* **Annual**
6. *Participation of the department in the courses offered by other departments:*
Not applicable
7. *Courses in collaboration with other universities, industries, foreign institutions, etc.:* **Not applicable**
8. *Details of courses/programmes discontinued (if any) with reasons:*
Not applicable
9. *Number of teaching posts*

Teaching posts	Sanctioned	Filled
Professors	Nil	Nil
Associate Professors	Nil	Nil
Asst. Professors	Nil	Nil
CWTT (Govt. approved)	03	03
Guest teacher (GB approved)	04	04



10. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt. /Ph.D. / M. Phil. etc.)

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D. Students guided
Dr.(prof) Nandan Bhattacharya	M.Sc. Ph.D	Professor & H.O.D.	DNA repair & cancer biology, nanotechnology, microbiology	25 years of teaching & research	5
Gajendranath Maity	Msc in Biochemistry, Chemistry, B.Ed, M.phil	Contractual wholetime teacher	Biochemistry/ Organic chemistry	16	No
Dr.Harekrishna Jana	Ph.D	Contractual wholetime teacher	Microbiology	16	No
Kajari Roy	Post Graduate	Contractual wholetime teacher	Microbiology	5	No
Payel Dutta Roy	Post Graduate	Guest Lecturer	Microbiology	2	No
Priyanka Ghosh	Post Graduate	Guest Lecturer	Microbiology	2	No
Dr. Partha Bera	M. Phil, Ph. D	Guest Lecturer	Statistics	4	No
Manik Pandey	DMLT	Guest Lecturer	Pathology	11	No

11. List of senior visiting faculty: NO

12. Percentage of lectures delivered and practical classes handled (programme wise) By temporary faculty

Programme	Session									
	2010-11		2011-12		2012-13		2013-14		2014-15	
	Th	Pr	Th	Pr	Th	Pr	Th	Pr	Th	Pr
Part - I	-	-	-		22.7%	25.0	61.0	29.0	61.5	-
Part - II	-	-	-		48.8	40.1	97.0	-	92.0	-
Part - III	-	33.3%	34.0%		39.6	64.2	-	43.0	-	44.0



13. Student-Teacher Ratio (Programme wise)

Session	Year	Total student	Total teacher	Student: teacher
2010-2011	1 st	17	8	55:8
	2 nd	20		
	3 rd	18		
2011-2012	1 st	17	8	52:8
	2 nd	17		
	3 rd	18		
2012-2013	1 st	27	8	61:8
	2 nd	18		
	3 rd	16		
2013-2014	1 st	49	8	98:8
	2 nd	30		
	3 rd	19		
2014-2015	1 st	48	8	113:8
	2 nd	40		
	3 rd	15		

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled:

Academic support staff (technical)

Serial Number	Name
1	Hafizur Rahaman Khan
2	Rabindranath khamrai

15. Qualifications of teaching faculty with DSc/ D.Litt/ Ph.D/ MPhil / PG.

Qualification	Number
DSc	
D.Litt	
Ph.D	2
Mphil	1
PG	3



16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received: Nil

17. Departmental projects funded by DST - FIST; UGC, DBT, ICSSR, etc. and total grants received:

Microbiology collaborate with Chemistry dept. obtain UGC minor project. UGC reference no: PSW- 144/O9-10. Period of report: From 1st November, 2009 to 31st January, 2011. Total grand received Rs: 98,000/-(Ninty eight thousand).

Principal Investigator: Dr. Tapan Kumar Mondal (Chemistry)

Co- investigator: Dr. Harekrishna Jana (Microbiology)

18. Research Centre /facility recognized by the University: Nil

19. Publications:

a) Publication per faculty

Faculty name	Total publication	National	International
Dr. (Prof) Nandan Bhattacharyya	54	5	49
Dr. Harekrishna Jana	21	05	16

b) Number of papers published in peer reviewed journals (national /international) by faculty and students

Faculty name	Peer reviewed Journal	
	National	International
Dr. (Prof) Nandan Bhattacharyya	05	49
Dr. Harekrishna Jana	03	17



Faculty Name	Publication in International Database	ISSN number	Citation Index	SNIP	SJR	Impact factor	h-Index
Dr.(Prof) Nandan Bhattacharyya	-	-	-	-	-	-	-
Dr.Harekrishna Jana	Scopus (IJPT)	17447569, 17447550	09	-	0.17	0.19	2
	Web of science (Chemistry & Ecology)	0275-7540 (print) 1029-0370 (online)	-	-	-	1.069	-

Number of publications listed in International Database (For Eg: Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.

Details of publication in Annexure – I and Annexure – II

20. Areas of consultancy and income generated

Academic Cosultancy

Guide Name	Student Name	Project Name	Income generated (Rs)
Dr.Harekrishna Jana	Sri Sambhunath Dinda	Environmental and socio – economic impact of Fly ash disposal from Kolaghat Thermal Power Project West Bengal	13500/
Dr.Harekrishna Jana	Miss Piyali Jana	Evaluation of Antimicrobial Activity of Edible Oyster	2000/

21. Faculty as members in

- National committees
- International Committees
- Editorial Boards



Faculty Name	National Committees	International Committees	Editorial Boards
Dr.(Prof) Nandan Bhattacharyya	Nil	Nil	Nil
Dr.Harekrishna Jana	Nil	Nil	Nil
Gajendranath Maity	Nil	Nil	Nil

22. Student project

- a) Percentage of students who have done in-house projects including inter departmental/programme

Session	Percentage of Students
2011-2012	100%
2012-2013	100%
2013-2014	100%
2014-2015	100%

- b) Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/Industry/ other agencies:
Nil

23. Awards / Recognitions received by faculty and students

Faculty Name	Awards
Dr. Harekrishna Jana	Obtain Young Scientist Award (2011) from Central Calcutta Science & Culture Organisation for youth (Kolkata)

Student Name	Awards
Sri Krishnendu Goswami	2 nd prize in poster presentation (2010) from Biotech Research Society of India (V.U. unit).
Miss Saheli Kulavi	1st prize in poster presentation (2011) from Biotech Research Society of India (V.U. unit).
Miss Saheli Kulavi	Obtain Young Scientist Award (2011) from Central Calcutta Science & Culture Organization for youth (Kolkata)



24. List of eminent academicians and scientists / visitors to the department

Not applicable

25. Seminars/ Conferences/Workshops organized & the source of funding

a) National- Two (Source of funding from College and Advertisement)

b) Internatinal: Nil

26. Student profile programme/course wise:

Name of the Course/programme (refer question no. 4)	Applications received	Selected	Enrolled		Pass percentage
			M	F	
2010 – 2011(MCBH)	102	26	21	05	100%
2011 – 2012(MCBH)	130	19	12	07	95%
2012 – 2013(MCBH)	104	34	22	12	95%
2013 – 2014(MCBH)	91	48	22	26	95%
2014 – 2015(MCBH)	192	54	17	37	98%

M = Male F = Female

27. Diversity of Students

Name of the Course	% of students from the same state	% of students from other States	% of students from abroad
B Sc (2010-11)	100%	-	-
B Sc (2011-12)	100%	-	-
B Sc (2012-13)	100%	-	-
B Sc (2013-14)	100%	-	-
B Sc (2014-15)	100%	-	-

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.?

Information not available



29. Student progression

Student progression	Against % enrolled
UG to PG	100%
PG to M.Phil.	Information not available
PG to Ph.D.	Information not available
Ph.D. to Post-Doctoral	Information not available
Employed <ul style="list-style-type: none"> • Campus selection • Other than campus recruitment 	Information not available Information not available
Entrepreneurship/Self-employment	Information not available

30. Details of Infrastructural facilities

a. Library:

- i. Library facilities available
- ii. Internet facilities for Staff & Students
- iii. Sufficient Internet facility
- iv. Class rooms with ICT facility – **One Class rooms with ICT**
- v. Laboratories - **Three Laboratory facilities**

31. Number of students receiving financial assistance from college, university, government or other agencies

Scholarship	Session			
	2010-11	2011-12	2012-13	2013-14
SC	5	2	2	-
ST	-	2	-	1
OBC	2	4	1	3
Minority	2	2	-	7



32. Details on student enrichment programmes (special lectures / workshops /seminar) with external experts

Title of Seminar	Date of Seminar	External Expert
Recent advancement of Biological Sciences	6 th March,2010	1. Dr. Sudip Kr. Ghosh (IIT, Kharagpur) 2. Dr. Bikas Ranjan Pati (Vidyasagar University) 3. Dr. Lalitagauri Ray (Jadavpur University) 4. Dr. Sanjib Kr. Manna CIFRI)
Advancement in Biological Sciences	23 rd March,2013	1. Dr. Bikas Ranjan Pati (Vidyasagar University) 2. Dr. Bijay Kr. Behera (CIFRI) 3. Dr. D. K. Meena (CIFRI)

33. Teaching methods adopted to improve student learning

1. Teaching through Slide presentation

34. Participation in Institutional Social Responsibility (ISR) and Extension activities

Faculty Name	Social activity
Dr. Harekrishna Jana	1. Attain certificate course on Social service – Blood donor motivation & recruitment 2. Participate All Bengal State Conference of Social Workers Associated with Voluntary Blood Donation Movement in west Bengal

35. SWOC analysis of the department and Future plans

SWOC	ANALYSIS
Strength	a) Good numbers of intelligent students in our department b) Above 90% passing rate of the students c) Student obtain the rank at UG level under Vidyasagar university d) Modern Microbial technology are explored thoroughly and analytically. e) Qualified, intelligent, competent, and dedicated faculty f) Individual laboratory with sophisticate instruments facility



	<ul style="list-style-type: none"> g) Internet facilities for staff & student h) Campus interview for placement i) Sufficient glass goods and equipment's for practical purpose
Weakness	<ul style="list-style-type: none"> a) Lack of trained laboratory non-teaching staff b) Need project research laboratory for part –III students c) Need a biosafety laboratory d) Need permanent faculty e) Being a rural college a number of students are coming from very poor background f) Absence of Computer skill non - teaching staff g) Mostly first generation learners with rural background h) Need of more subject books for library
Opportunity	<ul style="list-style-type: none"> a) Career counseling b) Interdisciplinary studies c) To provide knowledge about the application of microbial technology d) To procure more books e) To arrange more extra classes for different entrance examination
Challenges	<ul style="list-style-type: none"> a) To launch a departmental e-journal b) Entrepreneurship develop c) To ensure self-employability of maximum number of students d) To motivate maximum number of students in higher education e) To make not only good students but also good citizens f) To make a sophisticate bacterial cloning laboratory

FUTURE PLANS:

Future plans	<ul style="list-style-type: none"> a) To launch a departmental journal with ISSN numbers b) To launch a departmental e-journal c) Departmental smart class room d) Interdisciplinary studies e) PG course opening f) To provide research and laboratory service in the discipline of Microbiology to lead the Society
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ANNEXURE – 1 PUBLICATION (2011-2015)

Sl. No.	Title with page no.	Journal	ISSN / ISBN No.	Whether International or National	Indexing or not	Whether peer reviewed. Impact factor, if any
1	Prevalence and Antimicrobial Susceptibility Pattern of Different Clinical Isolates of HA-MRSA and CA-MRSA in a Tertiary Care Rural Hospital, Bankura, West Bengal, India. 2015; 3(2F):944-948	Scholars Journal of Applied Medical Sciences (SJAMS)	ISSN 2320-6691 (Online) ISSN 2347-954X (Print)	International	Yes	Yes IF: 0.00
2	Molluscan Community: A Potential Sink of Carbon. 2015; 5(3):1-7.	Journal of Energy, Environment & Carbon Credits,	ISSN: 2249-8621(online)	International	Yes	Yes IF: 0.00
3	The Impact Of Coal Fly Ash Power Station On Distribution And Biodiversity Of Freshwater Fishes In Rupnarayan River, West Bengal, India. 2015; Invoice: IJCR 273426	International journal of current research,	ISSN:0975-833X(online)	International	Yes	Yes IF: 5.349(SJIF)
4	Evaluation of anti-infective potential of fruits of common mangrove tree <i>Sonneratia apetala</i> against some selected pathogenic fungi and bacteria. 2015; 3(2): 28-31	International Journal of Herbal Medicine,	E-ISSN: 2321-2187 P-ISSN: 2394-0514	International	Yes	Yes IF: 0.00
5	Antimicrobial activity of the body fluid of <i>Saccostrea cucullata</i> from sundarbans mangroves forest, North – East coast of Bay of Bengal, India. 2015; 4 (4): 1659-1670.	World Journal of Pharmaceutical Research	ISSN 2277–7105	International	Yes	Yes IF: 5.04 (GIF)



6	Study on the effect of low temperature pasteurization and storage temperature on the microbial dynamics in fresh water prawn. 2015; 3(6):576-582	Scholars Academic Journal of Biosciences (SAJB)	ISSN 2321-6883 (Online)	International	Yes	Yes IF: 0.00
7	Isolation and characterization of dye degrading bacteria from textile industrial waste, Panskura, West Bengal, India.2015; 5(5):19-23.	Indian journal of applied research.	ISSN - 2249-555X	National	Yes	Yes IF: 0.00
8	Concentration of Zinc, Copper, Lead and cadmium in edible fin fishes of coastal West Bengal, India. 2015;5(1):65-77.	International Journal of institutional pharmacy and Life science	ISSN: 2249-6807	International	Yes	Yes IF: 0.00
9	Microbial status of Mangroves fruit (Sonaeratia apetala) jelly. 2014;3(4):221-226	International Journal of Universal Pharmacy and Bio Sciences	(ISSN): 2319-8141	International	Yes	Yes IF: 2.093(GIF)
10	Effect of microbial load on the condition index of the edible oyster, Saccostrea cucullata in the Sundarbans, India. 2014; 2(5): 238-245	International Journal of Aquatic Biology	ISSN: 2322-5270;	International	Yes	Yes IF: 0.33(SJR)
11	Will <i>Avicennia alba</i> Thrive in Climate Change Induced Salinity Rise? International Journal of Scientific Research. 2014, 3 (2):459-461.	International Journal of Scientific Research.	ISSN:2277 - 8179	International	Yes	Yes IF: 1.8651(SJR)
12	Signal of Climate Change through Decadal Variation of Aquatic pH in Indian Sundarbans. 2014, S11:003 http://dx.doi.org/10.4172/21	Journal of Marine Science: Research &Development(OMICS Publishing Group)	ISSN:2155-9910	International	Yes	Yes IF: 0.000



13	Study of the Microbial Health in and Around the Lower Stretch of Hooghly Estuary. 2014, S11:004 http://dx.doi.org/10.4172/2155-9910.S11-004 .	Journal of Marine Science: Research & Development (OMICS Publishing Group)	ISSN:2155-9910	International	Yes	Yes IF: 0.000
14	Status of heavy metal in the lower Gangetic Delta: Implication of acidification on compartmentation. 2014, 1(2):1-4.	Journal of Environmental Analytical Chemistry, (OMICS Publishing Group)	ISSN:JREAC, an open access journal	National	Yes	Yes IF: 0.00
15	Study on The Physico-Chemical and Microbial Profile of The Pond Water in Context of Pollution at Kolaghat Thermal Power Plant, West Bengal, India. 2014, 3(6): 174-177	Global journal for research analysis,	ISSN:2277-8160	International	Yes	Yes IF: 1.5408(GIF)
16	Variation of antioxidant biomarkers in the edible oyster <i>Saccostrea cucullata</i> collected from three different water bodies of sundarbans. 2013, DOI: 10.1080/o2757540.2013.827669.	Chemistry and Ecology. (Taylor & Francis)	ISSN:0275-7540(print) ISSN: 1029-0370(online)	International	Yes	Yes IF: 1.069(SJR)
17	Investigating the effect of storage temperature and hot-water treatment on the microbial dynamics in edible oyster (<i>Saccostrea cucullata</i>). 2013, 4(2):382-391.	Int. J. Postharvest Technology and Innovation (Inderscience publisher)	ISSN:1744-7569(online) ISSN: 1744-7550(print)	International	Yes	Yes IF: 0.19(SJR)
18	Spatio-temporal variation of stored carbon in <i>Porteresia coarctata</i> along the east and west coast of India. 2013, 4(3): 377-381	International Journal of engineering and Management Science, (Society for science & nature).	ISSN:2229-600X(online) ISSN: 2229-6425(print)	International	Yes	Yes IF: 0.000



19	Enhancement of Phytoplankton Community of Brackishwater System by Iron Fertilization, 2013, 4(1):1-21.	Journal of Coastal Environment	ISSN: 2229-7839	National	No	No IF: 0.000
20	Studies on the microbial load in sea water, sediment and edible oyster (<i>Saccostrea cucullata</i>) from Indian Sundarbans.2012, 9(1):1-12.	Journal of Environment & Sociobiology	ISSN:0973-0834	National	No	No IF: 0.000
21	Spatial-temporal variation in edible oyster (<i>Saccostrea cucullata</i>) from Indian Sundarbans,2014.	Proceeding of National seminar , NTPT-2014,Dept of Food Technology, HIT.	ISBN:978-81-927768-2-8	National	No	No IF: 0.000

ANNEXURE - II (NATIONAL – 5, INTERNATIONAL-16)

Publication for 2015

1. Jana HK. Ghorai M., Mondal K.C., Pati B.R, Mitra A. (2015). Study on the effect of low temperature pasteurization and storage temperature on the microbial dynamics in fresh water prawn. Scholars Academic Journal of Biosciences, 3(6):576-582.
2. Jana HK., Roy T., Dey R., Dey J. B., Ghosh A., Mondal K. C. (2015). Prevalence and Antimicrobial Susceptibility Pattern of Different Clinical Isolates of HA-MRSA and CA-MRSA in a Tertiary Care Rural Hospital, Bankura, West Bengal, India. Scholars Journal of Applied Medical Sciences, 3(2F):944-948.
3. Jana HK. Mondal K.C., Pati B.R., Mitra A. (2015). Evaluation of anti-infective potential of fruits of common mangrove tree *Sonneratia apetala* against some selected pathogenic fungi and bacteria. International Journal of Herbal Medicine, 3(2): 28-31.
4. Jana P., Jana HK. Das TK., Hossain M B. (2015). Antimicrobial activity of the body fluid of *Saccostrea cucullata* from sundarbans mangroves forest, North –East coast



of Bay of Bengal, India. World Journal of Pharmaceutical Research, 4 (4): 1659-1670.

5. Agarwal S., Rudra T., Jana HK., Guha A., Bhowmick C.S., Purkait K., Amin G., Zaman S., Mitra A. (2015). Concentration of Zinc, Copper, Lead and cadmium in edible fin fishes of coastal West Bengal, India. International Journal of institutional pharmacy and Life science, 5(1):65-77.
6. Jana HK., Roy K., Mondal K.C. (2015). Isolation and characterization of dye degrading bacteria from textile industrial waste, Panskura, West Bengal, India. Indian journal of applied research, 5(5):19-23.
7. Mitra S, Fazli P, Jana HK, Mitra A, Mitra A, Pramanick P, Pal N, Zaman S. (2015). Molluscan Community: A Potential Sink of Carbon, Journal of Energy, Environment & Carbon Credits, 5(3):1-7.
8. Ghorai M, Jana HK, Patra B.C, Sar U. K, Bhattacharjee M, Kar A (2015). The Impact Of Coal Fly Ash Power Station On Distribution And Biodiversity Of Freshwater Fishes In Rupnarayan River, West Bengal, India. International journal of current research, Invoice: IJCR 273426.

Publication for 2014

1. Jana, HK. Mitra, A., Zaman, S., Bose, R., and Raha, A. K. (2014). Will *Avicennia alba* Thrive in Climate Change Induced Salinity Rise? International Journal of Scientific Research, 3 (2):459-461.
2. Jana HK., Mondal K.C., Maity C., Das A., Halder S.K., Mitra A., Pati B.R. (2014). Effect of microbial load on the condition index of the edible oyster, *Saccostrea cucullata* in the Sundarbans, India. International Journal of Aquatic Biology, 2(5): 238-245.
3. Jana, HK. Zaman, s., Pramanik, P., Mukhopadhyay, N., Bose, R., Mitra. A., Roy Choudhury, T., and Raha. A. K. (2014). Signal of Climate Change through Decadal Variation of Aquatic pH in Indian Sundarbans, J Marine Sci Res Development. S11:003 <http://dx.doi.org/10.4172/2155-9910.S11-003>.
4. Bose, R., Jana, HK. Zaman, S., and Mitra, A. (2014). Study of the Microbial Health in and Around the Lower Stretch of Hooghly Estuary, J Marine Sci Res Development. S11:004 <http://dx.doi.org/10.4172/2155-9910.S11-004>
5. Mitra, A., Zaman, s., Jana, HK., Roy Choudhury, T., Amin G., De, U.K., and Das., S. (2014). Status of heavy metal in the lower Gangetic Delta: Implication of acidification on compartmentation. J Environ Anal Chem. 1(2):1-4.



6. Dinda, S., Jana, HK. Bhattacharya, S., and Mondal, K.C., (2014). Study on The Physico-Chemical and Microbial Profile of The Pond Water in Context of Pollution at Kolaghat Thermal Power Plant, West Bengal, India. Global journal for research analysis. 3(6): 174-177.
7. Pramanick P, Jana HK., Zaman S, Bera D, Tribedi S and Mitra A. (2014). Microbial status of Mangroves fruit (*Sonneratia apetala*) jelly. International Journal of Universal Pharmacy and Bio Sciences, 3(4):221-226.
8. Jana HK. 2014. Spatial-temporal variation in edible oyster (*Saccostrea cucullata*) from Indian Sundarbans, Proceeding of National seminar, NTPT-2014, Dept of Food Technology, and HIT.

Publication for 2013

1. Jana HK., Mondal K.C., Maity C., Ghosh K., Mitra A., Banerjee K., Dey S., Pati B.R. (2013). Variation of antioxidant biomarkers in the edible oyster *Saccostrea cucullata* collected from three different water bodies of sundarbans. Chemistry and Ecology. DOI: 10.1080/o2757540.2013.827669.
2. Jana, HK., Mondal, K.C., Maity, C., Das, A; Mitra., A., and Pati, B.R. (2013). Investigating the effect of storage temperature and hot-water treatment on the microbial dynamics in edible oyster (*Saccostrea cucullata*). Int. J. Postharvest Technology and Innovation. Vol. 4, No. 2. pp-382-391.
3. Jana, HK. Zaman, s., Chakraborty , S., Pramanik, P., Mondal, K.C., and Mitra. A. (2013). Spatio-temporal variation of stored carbon in *Porteresia coarctata* along the east and west coast of India. International Journal of engineering and Management Science. 4 (3): 377-381.
4. Zaman, S., Bhattacharyya, S.B., Alam, M. A., Jana, HK; Roychowdhury, M., Sinha , S., Mondal , K., and Mitra., A. (2013) . Enhancement of Phytoplankton Community of Brackishwater System by Iron Fertilization. Journal of Coastal Environment. 4(1):1-21.

Publication for 2012

1. Jana, HK. B.R.Pati., Mondal, K.C., Mitra. A., and Banerjee, K. (2012). Studies on the microbial load in sea water, sediment and edible oyster (*Saccostrea cucullata*) from Indian Sundarbans. J, Environ & Sociobiol. 9(1):1-12.

Publication of Dr. Nandan Bhattacharyya

1. Shyamaprosad Goswami, Sibaprasad Maity, Annada C Maity, Avijit kumar Das, Bholanath Pakhira, Kalyani Khanra, Nandan Bhattacharyya, Sabyasachi Sarkar. (2015) ESIPT based Hg²⁺ and fluoride chemosensor for sensitive and



- selective 'turn on' red signal and cancer cell imaging. *RSC Advances*. 5, 5735-5740. IF:3.84
2. ShyamaprosadGoswami, Avijit Kumar Das, Urmila Saha, SibaprasadMaity, KalyaniKhanra, and Nandan Bhattacharyya (2015) Rapid detection of hydrazine in naphthol-fused chromenyl loop and its effectiveness in human lung cancer cells: tuning remarkable selectivity via reaction altered pathway supported by theoretical studies. *Organic & Biomolecular Chemistry*. 13, 2134-2139. IF:3.562.
 3. ShyamaprosadGoswami, SibaprasadMaity, Annada C. Maity, Avijit Kumar Das, KalyaniKhanra, TarunKanti Mandal, Nandan Bhattacharyya (2014) A macrocyclic piperazine linked extremely Zn²⁺ selective fluorescent chemosensor with bio-imaging and for H₂PO₄ sensing. *Tetrahedron Letters*. 55 (43), 5993-5997. IF:2.391.
 4. Khanra, K., Panja, S., Choudhuri, I., Bhattacharyya, N. (2015) Antibacterial, Insecticidal Activity and cytotoxicity of Methanol, Ethanol, Hot aqueous and Cold aqueous extracts of *Crotalaria Juncia*. *Int. J. Curr. Res. Biosci. Plant Biol*, 2(10):98-103.
 5. Khanra, K., Choudhuri, I., Panja, S., Bhattacharyya, N. (2015) Isolation and identification of an amylase producing trace tolerance bacteria from industrial waste of Haldia, an industrial town of India. *International Journal of Research Studies in Biosciences* 3(10):1-7
 6. KalyaniKhanra, SudiptaPanja, IndranilChoudhuri, Anindita Chakraborty Nandan Bhattacharyya (2015) Evaluation of antibacterial activity and cytotoxicity of green synthesized silver nanoparticles using *Scopariadulcis*. *Nano Biomed Eng* 7(3): 128-133. ISSN 2150-5578
 7. KalyaniKhanra, Anindita Chakraborty, and Nandan Bhattacharyya (2015) HeLa cells containing a truncated form of DNA polymerase beta are more sensitized to alkylating agents than to agents inducing Oxidative stress. *Asian Pacific J. Cancer Prev*. IF:2.514.
 8. KalyaniKhanra, SudiptaPanja, IndranilChoudhuri, Anindita Chakraborty, Nandan Bhattacharyya (2015) Antimicrobial and cytotoxicity effect of silver nanoparticle synthesized from *Croton bonplandianum* Baill. Leaves. Accepted in *Nanomed. J*. ISSN # 2322-5904.
 9. KalyaniKhanra, SudiptaPanja, IndranilChoudhuri, Anindita Chakraborty Nandan Bhattacharyya (2015) Synthesis and evaluation of bactericidal, and cytotoxic properties of silver nano-particle synthesized from root extract of *Asparagus racemosus*. Communicated to NBE. ISSN 2150-5578
 10. Shyamaprosad Goswami, Avijit kumar Das, Gorachand Dutta, Sibaprasad Maity, Tarun Kanti Mandal, Kalyani Khanra, Nandan Bhattacharyya. Concentration dependent auto-relay-recognition by same analyte: Dual fluorescence



- switch-on by hydrogen sulfide via Michael addition followed by reduction and staining bio-activity. (2015) *Organic & Biomolecular Chemistry*, DOI:10.1039/C5OB02008E. Impact Factor: 3.562
11. KalyaniKhanra, IndranilChoudhuri, SudiptaPanja, Nandan Bhattacharyya. (2015) Partial purification and biochemical characterization of amylase from *Aeromonas caviae* NK1 isolated from Industrial waste of India. Accepted in *J. Biol. & Life Sci.* ISSN# 2157-6076.
 12. Kakali Panda, KalyaniKhanra, Nandan Bhattacharyya (2014) Identification of an endoplasmic reticulum membrane protein that interacts with a variant dominant negative form of DNA polymerase beta by Y2H. *ZeitschriftfürNaturforschung C.* 69c:81-88. Impact Factor:0.8. ISSN 0939-5075.
 13. Anupam Roy, Kalyani Khanra, Anjan Mishra and Nandan Bhattacharyya (2014) Partial purification and characterization of amylase from a newly isolated *Bacillus megaterium* strain KAN1 from fermented rice Handia. *American J of Current Microbiology* 2(1):1-5.
 14. Anupam Roy, Kalyani Khanra, Anjan Mishra, and Nandan Bhattacharyya (2013) Highly cytotoxic (PA-1), less cytotoxic (A549) and antimicrobial activity of a green synthesized silver nanoparticle using *Mikaniacordata*L. *International J of Adv. Res.* 1:193-198. ISSN 2320-5407.
 15. Shyamaprosad Goswami, Avijit Kumar Das, Krishnendu Aich, Abhishek Manna, Sibaprasad Maity, Kalyani Khanra and Nandan Bhattacharyya (2013) Ratiometric and Absolute Water Soluble Fluorescent Tripodal Zinc Sensor and its Application in Killing Human Lung Cancer Cells. *Analyst.* **138:4593-4598**. Impact factor 4.5.
 16. Anupam Roy, Kalyani Khanra and Nandan Bhattacharyya (2013) Methanol poisoning outbreak tragedy: Reason and Treatment. *Advances in Social Science* 4(3):866-868. ISSN No 2167-6429.
 17. Kalyani Khanra, Anupam Roy and Nandan Bhattacharyya (2013) Evaluation of antibacterial activity and cytotoxicity of green synthesized silver nanoparticles using *Hemidesmusindicus* R.Br. *American Journal of Nanoscience and Nanotechnology Research* 1(1):1-6.
 18. Kakali Panda, Kalyani Khanra, Nandan Bhattacharyya (2013) Down regulation of phosphatidylinositol glycan class S (PIGS) by siRNA sensitizes HeLa cells to UV and H₂O₂ *American Journal of Cancer Biology* 1(2):38-47.
 19. Anupam Roy, Radha Das, Amalesh Sirkar and Nandan Bhattacharyya (2013) Design, Fabrication & Trial run of Experimental Parboiling & Drying Integrated Unit: A special Focus to Kinetics of drying and quality of rice. *J. of Engineering* 1(4):63-68. ISSN 2325-0224.



20. Anupam Roy, Kalyani Khanra, Avik Mukherjee, and Nandan Bhattacharyya (2013) Asbestos: A potential food contaminant and associated safety risks to consumers. *Journal of Science* 3(1):241-243. ISSN 2324-9854.
21. Kalyani Khanra, Kakali Panda, Chandan Bhattacharya, Arun Kr. Mitra, Ranu Sarkar, Nandan Bhattacharyya (2012) Association of two polymorphisms of DNA polymerase beta in Exon-9 and Exon 11 with ovarian carcinoma patients from India. *Asian Pacific J. Cancer Prev.* 13, 1321-1324. Impact Factor: 0.659. Cited:3.
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15.

DEPARTMENT OF MUSIC



15. DEPARTMENT OF MUSIC

1. *Name of the Department* : **DEPARTMENT OF MUSIC.**
2. *Year of Establishment*: **2005**
3. *Names of programmes/Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D.,etc.)* : **UG (Hons) & UG (General)**
4. *Names of Interdisciplinary courses and the departments/units involved* : **Nil**
5. *Annual/semester/choice based credit system (programme wise)*: **Annual.**
6. *Participation of the department in the courses offered by other departments.* : **Nil.**
7. *Courses in collaboration with other universities, industries, foreign institutions, etc.*: **Nil.**
8. *Details of courses/programmes discontinued (if any) with reasons* : **Nil**
9. *Number of Teaching posts-*

	Sanctioned	Filled
Professors	-	-
Associate Professors	-	-
Asst. Professors	-	-

10. *Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt./Ph.D./M.Phil. etc.)*

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D. students Guided for last 4years
Atanu Chaudhuri	M.A.	Part Time Teacher	Srikhol	10 Years	nil
Kartic Ch Senapati	M.A.	Part Time Teacher	Pakhawaj	7 Years	nil



Madhumita Rit (Maity)	M.A.	Guest Teacher	Rabindra sangeet	4 Years	nil
Swatilekha Roy	M.A.	Guest Teacher	Kheyal	3 Years	nil
Mrinal Dey	M.A.	Guest Teacher	Bengali song	3 years	nil

11. *List of senior visiting faculty* : Nil

12. *Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty:-*

2014-15

	Year	Total Classes (per week)	Classes taken	% of Classes
UG(G)	1st yr	05	03	60
	2 nd yr	06	06	100
	3 rd yr	00	00	00
UG(H)	1 st yr	11	08	72
	2 nd yr	14	10	71
	3 rd yr	14	12	85

2013-14

	Year	Total Classes (per week)	Classes taken	% of Classes
UG(G)	1st yr	04	03	75
	2 nd yr	04	03	75
	3 rd yr	00	00	00
UG(H)	1 st yr	18	09	50
	2 nd yr	22	12	54
	3 rd yr	30	15	50

2012-13

	Year	Total Classes (per week)	Classes taken	% of Classes
UG (G)	1st yr	04	03	75
	2 nd yr	04	03	75
	3 rd yr	00	00	00
UG (H)	1 st yr	18	09	50
	2 nd yr	22	12	54
	3 rd yr	30	15	50



2011-12

	Year	Total Classes (per week)	Classes taken	% of Classes
UG (G)	1 st yr	04	03	75
	2 nd yr	04	03	75
	3 rd yr	00	00	00
UG (H)	1 st yr	18	09	50
	2 nd yr	22	12	54
	3 rd yr	30	15	50

13. Student-Teacher Ratio (programme wise):

2014-15

	Year	No of Students	No. of Teachers	Ratio
UG (G)	1 st yr	6	06	1:1
	2 nd yr	8	06	1:1
	3 rd yr	0	06	-
UG (H)	1 st yr	22	06	3:1
	2 nd yr	23	06	4:1
	3 rd yr	28	06	5:1

2013-14

	Year	No of Students	No. of Teachers	Ratio
UG (G)	1 st yr	6	06	1:1
	2 nd yr	8	06	1:1
	3 rd yr	0	06	-
UG (H)	1 st yr	23	06	4:1
	2 nd yr	28	06	5:1
	3 rd yr	24	06	4:1

2012-13

	Year	No of Students	No. of Teachers	Ratio
UG (G)	1 st yr	8	06	1:1
	2 nd yr	7	06	1:1
	3 rd yr	2	06	1:1
UG (H)	1 st yr	28	06	5:1
	2 nd yr	26	06	4:1
	3 rd yr	30	06	5:1



2011-12

	Year	No of Students	No. of Teachers	Ratio
UG(G)	1st yr	6	06	1:1
	2 nd yr	8	06	1:1
	3 rd yr	4	06	1:1
UG(H)	1 st yr	26	06	4:1
	2 nd yr	24	06	4:1
	3 rd yr	23	06	4:1

14. *Number of academic support staff (technical) and administrative staff; sanctioned and filled* : Nil

15. *Qualifications of teaching faculty:*

Sl No.	Name of the Teacher	PG	M Phil	PhD	D Lit	D Sc
1.	Atanu Chaudhuri	✓	-	-	-	-
2.	Kartic Ch Senapati	✓	-	-	-	-
3.	Madhumita Rit (Maity)	✓	-	-	-	-
4.	Swatilekha Roy	✓	-	-	-	-
5.	Mrinal Dey	✓	-	-	-	-

16. *Number of faculty with ongoing projects from a) National b) International funding agencies and grants received* : Nil

17. *Departmental projects funded by DST- FIST; UGC, DBT, ICSSR, etc. and total grants received* : Nil

18. *Research Centre/ facility recognized by the University* : Nil

19. *Publications:* Nil.

- Publication per faculty
- Number of papers published in peer reviewed journals (National/ International) by faculty and students.
- Numbers of publications listed in International Database (For Eg: Web of Science, Scopus, Humanities International Complete, Dare



Database – International Social Science Directory, EBSCO host, etc.)

- i. Monographs-No.
- ii. Chapter in Books- No.
- iii. Books Edited- No.
- iv. Books with ISBN/ ISSN numbers with details of publishers.-No.
- v. Citation Index.-No.
- vi. SNIP-No.
- vii. SJR-No.
- viii. Impact factor-No.
- ix. h-index-No.

20. Areas of consultancy and income generated -Nil.

- a. Faculty as members in-National Committees
- b. International Committees c) Editorial Boards Student Projects-Nil
- c. Percentage of students who have done in-house projects including inter departmental / Programme.

21. Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/ Industry/ other agencies.

22. Awards / Recognitions received by faculty and students.

Year	Student applied	Award received
2010-2011	15	03
2011-2012	13	02
2012-2013	15	04
2013-2014	10	02
2014-2015	15	02

23. List of eminent academicians and scientists / visitor to the department: Nil

24. Seminars / Conferences / Workshops organized & the source of funding:
Nil

- a) National
- b) International



25. Student profile programme / Course Wise:

Name of the Course/Programme	Applications received SESSION	Selected	Enrolled		Pass (%)
			M	F	
U.G (Hons)	39 2010-2011	22	1	21	100
U.G (Hons)	42 2011-2012	31	3	28	94
U.G (Hons)	41 2012-2013	26	2	24	83.33
U.G (Hons)	29 2013-2014	20	2	18	67.85
U.G (Hons)	32 2014-2015	14	3	11	85.71

M-Male F-Female

26. Diversity of Students

Name of the Course	% of students from the same state	% of students from another states	% of students from abroad
U.G (Hons)	100%	00	00
U.G (General)	100%	00	00

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil Services, Defense Services, etc.? – Nil

29. Student progression-

Student Progression	Year	Against % enrolled
UG to PG	2010-2011	50
-----do-----	2011-2012	48
-----do-----	2012-2013	51
-----do-----	2013-2014	53
-----do-----	2014-2015	55

**30. Details of Infrastructural facilities-**

- a) Library- Central
- b) Internet facilities for staff & students- Yes
- c) Class rooms with ICT facility-NIL
- d) Laboratories-NIL

31. Number of students receiving financial assistance from college, university, Government of other agencies: NIL

32. Details on student enrichment programmes (special lectures / workshops Seminar) with external experts. NIL

33. Teaching methods adopted to improve student learning: Musical Instruments and Black board.

34. Participation in Institutional Social Responsibility (ISR) and Extension activities: NIL

35. SWOC analysis of the department and Future plans: ---

STRENGTH

1. Students' active participation in departmental programmes.
2. Cordial relationship between the students and the teachers.
3. Location advantage of abundant rich traditional cultural resources.
4. Committed teaching staff.

WEAKNESS

1. Lack of Permanent teaching staff
2. Economic backwardness of the people in the hinterlands deterring developments of the College in general.
3. Distant rural location from the knowledge hub at Kolkata hindering pace and linkage.
4. Mostly first generation learners.

OPPORTUNITIES

1. Multiple career options in Musical skills.
2. Enhancement of communicative skills.
3. Scope for exploring various types of huge rich resources – natural,



socio-cultural, intellectual, etc. - in the rural-based hinterlands of the College.

CHALLENGES

1. To overcome the limitations arising out of disadvantageous rural location through improved and spirited project-researches under the slogan of “Dedication is the Key of Success”.
2. To develop a well-structured system to ensure stress free academic atmosphere on the campus as well as in hostels for the students.

FUTURE PLANS

1. Career counseling and placement cell.
2. Musical laboratory with various types of Instruments.
3. Publication of Musical Books from our department.

16.

DEPARTMENT OF PHILOSOPHY



16. DEPARTMENT OF PHILOSOPHY

1. **Name of the Department:** DEPARTMENT OF PHILOSOPHY
2. **Year of Establishment:**
 General – 1961
 Honours - 2009
3. **Names of Programms/Courses offered (UG, PG, M.Phil., Ph.D., and integrated Masters; Integrated Ph.D. etc.) :** UG (Hones) & UG (General)
4. **Names of Inter disciplinary course sand the departments/units involved:** Nil
5. **Annual/semester/choice based credit system (programmers wise):**
Annual with Internal Assessments
6. **Participation of the department in the courses offered by other departments:**
nil
7. **Courses in collaboration with other universities, industries, foreign institutions, etc.:** Nil
8. **Details of courses/programms discontinued (if any) with reasons:** Nil
9. **Number of teaching posts:**

Teaching posts	Sanctioned	Filled
Professors		
Associate Professors		One is Promoted by CAS
Asst. Professors	02	02
PTT (Govt. approved)	02	02
Guest Lecturer (GB approved)	03	03



10. Faculty profile with name, qualification, designation, specialization, (D.Sc./ D.Litt. /Ph.D. /M.Phil.etc.)

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D. Students Guided For the last 4 years
Nupur S. Mukherjee	M.A.	Associate Professor	Psychology	17 years+	nil
Paromita Roy	M.A. M.Phil	Assistant Professor	Nyaya Vaiseika	6 years+	nil
UtpalKanti Mukherjee	M.A. M.Phil.	PTT	Advaita Vedanta	12 years+	nil
Tania Bhattacharya	M.A. B.Ed M.Phil	PTT	Logic	7 years+	nil
Tapasi Panda	M.A. M.Phil.	PTT	Advaita Vedanta	6 years+	nil
Biswajit Pramanik	M.A.	Guest Lecturer	Logic	3 years	nil
Amit Batabyal	M.A.	Guest Lecturer	Advaita Vedanta	3 years	nil

11. List of senior visiting faculty: Nil

12. Percentage of lectures delivered and practical classes handled (programme wise) By temporary faculty:

2014-15

	Year	Total Classes (per Week)	Classes taken	% of Classes
UG(G)	1st yr	13	08	61%
	2 nd yr	22	16	72%
	3 rd yr	07	04	57%
UG(H)	1 st yr	12	03	25%
	2 nd yr	25	03	12%
	3 rd yr	24	03	12%



2013-14

	Year	Total Classes (per week)	Classes taken	%of Classes
UG(G)	1st yr	13	08	61%
	2 nd yr	22	16	72%
	3 rd yr	07	04	57%
UG (H)	1 st yr	12	03	25%
	2 nd yr	25	03	12%
	3 rd yr	24	03	12%

2012-13

	Year	Total Classes (per week)	Classes taken	%of Classes
UG (G)	1st yr	13	08	61%
	2 nd yr	22	16	72%
	3 rd yr	07	04	57%
UG(H)	1 st yr	12	03	25%
	2 nd yr	22	03	13%
	3 rd yr	20	03	15%

2011-12

	Year	Total Classes (per week)	Classes taken	%of Classes
UG(G)	1st yr	13	08	61%
	2 nd yr	22	16	72%
	3 rd yr	07	04	57%
UG(H)	1 st yr	12	03	25%
	2 nd yr	22	03	13%
	3 rd yr	20	03	15%



16. Student-Teacher Ratio (programme wise):

2015-16

	Year	No of Students	No. of Teachers	Ratio
UG(G)	1st yr	150	07	22:1
	2 nd yr	80	07	11:1
	3 rd yr	40	07	6:1
UG(H)	1 st yr	55	07	8:1
	2 nd yr	42	07	6:1
	3 rd yr	36	07	5:1

2014-15

	Year	No of Students	No. of Teachers	Ratio
UG(G)	1st yr	122	07	17:1
	2 nd yr	55	07	8:1
	3 rd yr	35	07	5:1
UG(H)	1 st yr	48	07	7:1
	2 nd yr	40	07	6:1
	3 rd yr	44	07	6:1

2013-14

	Year	No of Students	No. of Teachers	Ratio
UG(G)	1st yr	70	07	10:1
	2 nd yr	48	07	7:1
	3 rd yr	53	07	7:1
UG(H)	1 st yr	40	07	6:1
	2 nd yr	46	07	7:1
	3 rd yr	35	07	5:1



2012-13

	Year	No of Students	No. of Teachers	Ratio
UG(G)	1 st yr	85	07	12:1
	2 nd yr	73	07	10:1
	3 rd yr	48	07	7:1
UG(H)	1 st yr	48	07	7:1
	2 nd yr	37	07	5:1
	3 rd yr	35	07	5:1

2011-12

	Year	No of Students	No. of Teachers	Ratio
UG(G)	1 st yr	87	07	12:1
	2 nd yr	55	07	8:1
	3 rd yr	51	07	7:1
UG(H)	1 st yr	10	07	1:1
	2 nd yr	07	07	1:1
	3 rd yr	02	07	1:1

14. *Number of academic support staff (technical) and administrative staff; sanctioned and filled* : 1 (Appointed by the College on temporary basis)

17. *Qualifications of teaching faculty with Disc /D.Litt/PhDs/Phil/PG. :*

SI No.	Name of the Teacher	PG	M Phil	PhD	D Lit	D Sc
1.	Nupur S. Mukherjee	✓	✓	-	-	-
2.	Paromita Roy	✓	✓	-	-	-
3.	Utpal Kanti Mukherjee	✓	✓	-	-	-
4.	Tania Bhattacharya	✓	✓	-	-	-
5.	Tapasi Panda	✓	-	-	-	-
6.	Amit Batabyal	✓	-	-	-	-



18. Number of faculty with ongoing projects (room) Nationals) International funding agencies and grants received:

Name of the PI	Duration	Funding Agency	Allocated	Received	Status
Smt. Nupur S. Mukherjee		UGC	Rs.250000		Continue

17. *Departmental projects funded by DST-FIST; UGC, DBT, ICSSR, etc .and total grants received : Nil*

18. *Research Centre/facility recognized by the University: NA*

19. **Publications: a) Publication per faculty**

Faculty Members	No. of Papers in peer-reviewed journals	National/ International
1. Nupur S. Mukherjee	03	National
2. Paromita Roy	01	National
3. Tania Bhattacharya	06	National
4. Utpal Kanti Mukherjee	00	00

a) *Number of papers published in peer reviewed journals (national/ international) by faculty and students - 10*

b) *Number of publications listed in International Database (For Egg : Web of Science, Scopus, Humanities International Complete, Dare Database- International Social Sciences Directory, EBSCO host, etc.)*

- a) Monographs
- b) Chapter in Books
- c) Books Edited
- d) Books with ISBN/ISSN numbers with details of publishers
- e) Citation Index
- f) SNIP



- g) SJR
- h) Impact factor
- i) h-index

Publication of Department of Philosophy

1. Nupur S. Mukherjee (2011) Folk Songs of Medinipur– A Socio-Anthropological Analysis, Centre for Ethnic Studies and Research (CESR), ISBN 13-978-81-910859-8-3,
2. Nupur S. Mukherjee (2011) Karma Yoga of Swami Vivekananda, Nupur S. Mukherjee, *Proc. Nat. Sem.* Kharagpur College, Inda, p 78
3. Nupur S. Mukherjee (2011) Tagore's Concept of Morality, *Journal of Philosophy, VU*, 1: P 19
4. Prof. Tania Bhattacharya (2012) Swami Vivekanander Dristite Barnabaisamya O Tar Pratikar, Readers Service, ISBN 978-81-87891-59-8
5. Tania Bhattacharya (2012) Rabindra Bhabnar Alope Bouddhodharma, Antorjatic Pathsala, ISSN 2230-9594
6. Paromita Roy (2013) Vivekanander Shikshadarshe Nareemukti, BahurupeySwamiji, Edited by Subrata Roy and Dr. Asok Kumar Roy. Mitram,37A, College St. Kol-73 Mitram, ISBN 93-8003-651-5
7. Tania Bhattacharya (2013) Swamijir Bhabnay Mon —Ekti Samiksha, Vidyasagar University Journal of Philosophy, ISSN 0975-8461
8. Tania Bhattacharya (2013) Dr. Ambedkarer Dristite Barnabaisamya O Tar Pratikar, Education Forume
9. Tania Bhattacharya (2015) Pashu Adhikar O Niramish Bhojan, Antorjatic Pathsala, ISSN 2230-9594
10. Tania Bhattacharya (2015) Manabik Samajer Sandhane Rabindranath, Pathsala Productions, ISSN 2230-9594

20. Areas of consultancy and income generated - N/A
21. Faculty as members in a National Committees is International Committee
23. Awards/Recognitions received by faculty and students – NIL

24. List of eminent academicians and scientists/visitors to the department -NIL

25. Seminars/Conferences/Workshops organized & the source of funding

- a) State: Nil
- b) National: Nil



c) International : Nil

26. Student profile programme / course wise:

Name of the Course/ programme (refer	Subject	Applications received	Selected	Enrolled	
	Session			M	F
B.A. (HONS.)	PHILOSOPHY 2010-2011	226	46	13	33
B.A. (HONS.)	PHILOSOPHY 2011-2012	225	51	13	38
B.A. (HONS.)	PHILOSOPHY 2012-2013	201	45	15	30
B.A. (HONS.)	PHILOSOPHY 2013-2014	133	46	20	26

M=Male F=Female

27. Result Statement with Pass Percentage of Philosophy Honors students:-

COURSE	APPEARED	1 st CALSS	2 nd CLASS	PASS	OVERALL PASS	%
PART I (2010)	45	01	41	NIL	42	93.33
PART I (2011)	43	nil	40	NIL	40	93
PART I (2012)	44	02	29	NIL	31	70.45
PART I (2013)	42	04	26	NIL	30	71.42
PART II (2010)	21	01	18	01	19	90.47
PART II (2011)	39	nil	35	NIL	35	90
PART II (2012)	46	02	28	NIL	13	62.21
PART II (2013)	32	04	28	NIL	32	100
PART III(2010)	00	00	00	00	00	00
PART III(2011)	19	02	16	01	19	100



PART III(2012)	29	01	26	02	29	89.47
PART III(2013)	35	04	26	03	33	94.2

Diversity of Students -

Name of the Course	% of students from the same state	% of students from other States	% of students from abroad
Philosophy (Hons. & Pas)	100%	Nil	Nil

28. *How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.?* – Nil.

29. Student Progression

Student progression	Against % enrolled
UG to PG	75 % (approx)
PG to M.Phil.	Record is not available
PG to Ph.D.	Record is not available
Ph.D. to Post-Doctoral	Record is not available
Employed • Campus selection • Other than campus recruitment	Nil
Entrepreneurship/Self-	Nil

30. Details of Infrastructural facilities

- Library - Departmental Library
- Internet facilities for Staff & Students - Yes
- Class rooms with ICT facility - Nil
- Laboratories – Nil

31. *Number of students receiving financial assistance from college, university, government or other agencies.*

Year	SC	ST	OBC	PWD	Minority Scholarship
2013-14	17	00	02	-	04



2012-13	16	05	06	-	02
2011-12	08	05	03	00	05
2010-11	05	00	02	00	06

32. Details on student enrichment programmers (special lectures/ workshops/ seminar) With external experts - :

1. Extra Class
2. Publication of Wall Magazine
3. Departmental Tour
4. Class Test
5. Providing Study Materials and Notes
6. Sports Encouragement
7. Remedial Coaching to the Backward Section of the Students

33. Teaching methods adopted to improve student learning:

1. Audio-Visual aids (Film and Videos on Subject Related Topic)
2. Group Discussion
3. Co-operative learning
4. Direct Method
5. Indirect Method
6. Use of Teaching Models and Charts.

34. Participation in Institutional Social Responsibility (ISR) and Extension activities :

1. Extension activities organized by the Panskura Banamali College NCC and NSS units (Blood Donation Camp.
2. NSS Programme Officer: Prof. Paromita Roy
3. Health Unit (Medical Camp)
4. Environmental Awareness Programme
5. Fresher's Welcome Programmed.
6. Farewell Programmed..

35. SWOC analysis of the department and Future plans -

STRENGTH

- a) Cordial relationship between the students and the teachers.
- b) Location advantage of abundant rich traditional cultural resource.
- c) Committed teaching staff.



WEAKNES

- a) Economic backwardness of the people in the hinterlands deteriorating
- b) Mostly first generation learners

OPPORTUNITIE

- a) Diversity of career options
- b) Scope for exploring various types of huge rich resources – natural, socio-cultural, intellectual, etc. - in the rural-based hinterlands of the College.

CHALLENGE

- a) To arrange career counseling
- b) To produce good human being
- c) To attract more students to the subject

FUTURE PLANS

- a) Career counseling and placement cell
- b) Development of Departmental library
- c) Organize seminars and publication of journal.

17.

**DEPARTMENT
OF PHYSICAL EDUCATION**



17. DEPARTMENT OF PHYSICAL EDUCATION

1. *Name of the Department* : DEPARTMENT OF PHYSICAL EDUCATION
2. *Year of Establishment* : 1998 (General Physical Education),
2001 B.P.Ed, (NCTE Approved)
3. *Name of Programmes/Course offered (UG, PG, M.Phil, Integrated Masters : Integrated Ph.D., etc.)* :
 - a) General Physical Education (Undergraduate General Course),
 - b) B.P.Ed (Undergraduate Teacher's Training Course)
4. *Name of Inter-disciplinary courses and the Departments/units involved*: Nil
5. *Annual/semester/choice based credit system (programme wise)*: Annual for pass course and Semester system for B.P.Ed
6. *Participation of the department in the courses offered by other departments* :
In the proposed New syllabus of B.Ed the department teachers will take yoga and physical education classes.
7. *Courses in collaboration with other universities, industries, foreign institutions etc.* : Nil
8. *Details of courses/programmes discontinued (if any) with reasons* : Nil
9. *Number of Teaching posts* :

Teaching posts	Sanctioned	Filled
Professors	×	×
Associate Professors	×	×
Asst. Professors	1	1
PTT (Govt Approved)	2	2
CWTT (G.B. Approved)	5	5
Guest Instructor (G.B. Approved)	1	1



10. Faculty profile with name, qualification, designation, specialization, (D.Sc/ D.Litt./ Ph.D/ M.Phil. etc.):

Full-time Faculty :

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of students guided for the last 4 years
Badshah Ghosh	M.P.E., M.Phil, Ph.D	Asst. Prof.	Exercise Physiology and Hockey	15	04 (0n going)

Guest Faculty :

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of students guided for the last 4 years
Buddhadev Nanda Goswami	M.P.Ed	PTT	Volleyball	13	NIL
Lakshman Kumar Mondal	M.P.Ed, M.Phil	PTT	Athletics	10	NIL
Gobinda Saha	M.P.Ed, AIFF 'D', AFC 'C'	Cont. whole time Assistant Professor	Football	02	Nil
Rojina Azim	M.P.Ed	Cont. whole time Assistant Professor	Athletics	02	
Rajib Bera	M.P.Ed, M.Phil	Cont. whole time Assistant Professor	Kabaddi	01	
Suresh Chand Soren	M.P.Ed	Cont. whole time Assistant Professor	Football	01	
Sidhu Soren	M.P.Ed	Cont. whole time Assistant Professor	Football	01	
Pulak Maji	M.P.Ed, Dip. In Yoga,	Guest			



Research Scholar : Nil

Name	Qualification	Designation	Specialization	No. of Years of Experience
--	--	--	--	--

11. List of senior visiting faculty :

Name	Designation	Institution
Dr. Hiralal Adhikari	Prof.	N.B.S.M, Bishnupur, Bardwan
Dr. Ashok Biswas	Prof.	Jadavpur University, Jadavpur
Dr. Sudip Sundar Das	Prof	Jadavpur University, Jadavpur
Dr. Debasish Roy	Asst. Prof	Mugberia Gangadhar Mahavidyalaya, Purba Medinipur
Dr. Biswajit Bhunia	Asst. Prof	Haldia Government College, Haldia , Purba Medinipur
Dr. Sanjeev Bhowmik	Asst. Prof	Mugberia Gangadhar Mahavidyalaya, Purba Medinipur
Dr. Abhij Kar Gupta	Asst. Prof	Panskura Banamali College, Panskura, Purba Medinipur
Sri. Dipesh Choudhary	Asst. Professor	Netaji Satabarsiki Mahavidyalaya, Habra
Dr .Gopal Chandra Saha	Associate Professor	Jadavpur University, Jadavpur, Kolkata

12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty : Nil

13. Student-Teacher Ratio (programme wise) :

2010-2011

Programme		Student-Teacher Ratio
U.G Course	B.A. (Gen.) Part-I,	42:1
	B.A. (Gen.) Part- II	50:1
	B.A. (Gen.) Part-III	14:1
	B.P.Ed	8:1

**2011-2012**

Programme		Student-Teacher Ratio
U.G Course	B.A. (Gen.) Part-I,	65:1
	B.A. (Gen.) Part- II	37:1
	B.A. (Gen.) Part-III	35:1
	B.P.Ed	8:1

2012-2013

Programme		Student-Teacher Ratio
U.G Course	B.A. (Gen.) Part-I,	53:1
	B.A. (Gen.) Part- II	47:1
	B.A. (Gen.) Part-III	9:1
	B.P.Ed	8:1

2013-2014

Programme		Student-Teacher Ratio
U.G Course	B.A. (Gen.) Part-I,	45:1
	B.A. (Gen.) Part- II	38:1
	B.A. (Gen.) Part-III	24:1
	B.P.Ed	7:1

2014-2015

Programme		Student-Teacher Ratio
U.G Course	B.A. (Gen.) Part-I,	47:1
	B.A. (Gen.) Part- II	37:1
	B.A. (Gen.) Part-III	28:1
	B.P.Ed	7:1

14. Number of academic support staff (technical) and administrative staff ; sanctioned and filled :

Nature of Staff	Sanctioned	Filled
Academic Support Staff	Nil	04
Administrative Staff	Nil	06
(All the above staff members are appointed by the college governing body)		



**15. Qualifications of teaching faculty with D.Sc./D.Litt./Ph.D/M.Phil/ P.G./ :
Substantive Post**

1. Dr.Badshah Ghosh	M.P.E., M.Phil, Ph.D

Non Substantive Post

2. Buddhadev Nanda Goswami	M.P.Ed.
3. Lakshman Kumar Mondal	M.P.Ed. M.Phil
4. Gobinda Saha	M.P.Ed. AFC "C" Certificate
5. Rojina Azim	M.P.Ed.
6. Rajib Bera	M.P.Ed. M.Phil
7. Suresh Chand Soren	M.P.Ed.
8. Sidhu Soren	M.P.Ed.
9. Pulak Majhi	M.P.Ed. Dip. In Yoga,

- 16. Number of faculty with ongoing projects from a) National, b) International funding agencies and grants received :** 01 UGC Minor Project of Rs 1,75,000.00. Ongoing.
- 17. Departmental projects funded by DST-FIST; UGC, DBT, ICSSR etc. and total Grants received:** Nil
- 18. Research Centre/faculty recognized by the University:** Nil
- 19. Publications :-**

Dr. Badshah Ghosh

Sl. No	Title of the Article	Author	Co-Authors	Name of the Journal
1	Basic Tips for Sports Nutrition	Dr. Badshah Ghosh	--	Olympia India, A Complete World Sports New Magazine. January 2001.
2	Comparison of Maximal Aerobic Power Between Adolescent Boys and Adolescent Girls of the	Dr. Badshah Ghosh	Dr. Sagarika Bandyopadhyaya	'UNMESH' a peer reviewed Journal of Physical Education, Volume.5, No. I & II, 2009, 18-23, ISSN 0974-9829.



	Eastern Central Zone of India			
3	Comparison of Maximal Aerobic Power Between Adolescent Boys and Adolescent Girls of the Western Central Zone of India	Dr. Badshah Ghosh	--	Peer Reviewed 'Journal of Physical Education and Allied Sciences', Volume. 1, No.1, July 2011, 59-63, ISSN 22307397
4	Effect of Selected Asanas and Kriyas on Cardio Respiratory and Body Composition Variables	Dr. Badshah Ghosh	Dr. Binod Choudhary	Peer Reviewed 'Journal of Physical Education and Allied Sciences', Volume. 1, No.2, December 2011, 08-11, ISSN 22307397
5	Effect of 6 Weeks of Conditioning Programme on Urinary Excretion of Urea among Tribal and Non-Tribal Adolescents of Bengal	Dr. Badshah Ghosh	--	'Shodh Sangam' An International Research Journal of Physical Education Sports and Allied Sciences, Vol. 1 No. 02. Jan- April 2012, 47-50. ISSN 2249-717X
6	Somatotype Analysis of Bengali Tribes and Non-Tribes	Dr. Badshah Ghosh	--	'South Asian Journal of Physical Education and Sports Sciences'- International Refereed Research Journal, Vol. 01 No. 01. March 2012. 09-11. ISSN 2277-8500
7	Effect of Agnisar on Abdominal Muscle Strength and Endurance of Long Runner	Dr. Binod Choudhary	Dr. Badshah Ghosh	Peer Reviewed 'Journal of Physical Education and Allied Sciences', Volume. 2, No.1, July 2012, 01-03, ISSN 22307397
8	Therapeutic Management of Yoga Nidra	Dr. Binod Choudhary	Dr. Badshah Ghosh	'Shodh Sangam' An International Research Journal of Physical Education Sports and Allied Sciences, Vol. 1 No. 03. December 2012, 42-46. ISSN 2249-717X
9	Effect of Yoga Nidra and Pranayam on Stress and Social Adjustment Capacity of College Youths	Dr. Binod Choudhary)	Dr. Sagarika Bandopad haya and Dr. Badshah Ghosh	'Shodh Sangam' An International Research Journal of Physical Education Sports and Allied Sciences, Vol. 2 No. 01. June 2013, pp 16-21. ISSN 2249-717X



10	Effect of Weight Training on Selected Physical Variables of Tribal Students of Vidyasagar University	Dr. Binod Choudhary	Dr. Badshah Ghosh	'International Journal of Movement Education and Social Science' Indexed and Peer Reviewed International Journal, Vol.2 No.2, October, 2013, 15-17, ISSN: 22780793
11	Variation in Fitness Level of Kho-Kho and Kabaddi Players of Vidyasagar University	Dr. Binod Choudhary	Dr. Badshah Ghosh	Peer Reviewed 'Journal of Physical Education and Allied Sciences, Volume. 3, No.2, December 2013, 18-20, ISSN No. 22307397
12	Comparison of Maximal Aerobic Power between Adolescent Boys and Adolescent Girls of the Costal Bay of Bengal	Dr. Badshah Ghosh	--	'Journal of Educational Chronicle', an International Journal of Education, Vol.4, No.2, December 2013, 110-112, ISSN: 2229-6220
13	Role of Hatha Yoga and Aerobic Training on Personality Traits of Tribal Youths	Dr. Badshah Ghosh	Dr. Binod Choudhary	'International Journal of Movement Education and Social Science' Indexed and Peer Reviewed International Journal, Vol.3 No.1, March 2014, 77-79, ISSN: 22780793
14	A Comparative Study of Social Maturity of Physical Education and Non Physical Education Students	Dr. Badshah Ghosh	--	'Journal of Physical Education Sports Management and Yogic Sciences', a Peer Reviewed and Referred International Journal, Vol. 4, No. 2, April-June2014, 20-23, ISSN 2231-1394.
15	Assessment of Mental Toughness among High and Low Achievers of State Level Yoga Competitors: A Comparative Study	Dr. Badshah Ghosh	--	Online International Interdisciplinary Research Journal, {Bi-Monthly}, ISSN 2249-9598, Volume-IV, Issue-IV, July-Aug 2014, 278-283
16	Effect of Asanas and Aerobic Training on Selected Psychological Variables of College Male Students	Dr. Badshah Ghosh	Dr. Binod Choudhary	International Journal of Social Sciences and Interdisciplinary Research Vol. 3 (7), JULY 2014, 167-174. ISSN ONLINE: 2277-3630
17	Role of Yoga Asana and Pranayama on Cardio Respiratory	Dr. Badshah Ghosh	Dr. Binod Choudhary	International Journal of Physical Education, Health and Social Science (IJEHSS)



	Variables of College Youths			Vol.3, Issue 2, July 2014. Online ISSN 2278-716X
18	Comparison of Maximal Aerobic Power Between Adolescent Boys and Adolescent Girls of the Northern Central Zone of India	Dr. Badshah Ghosh	--	American Journal of Sports Sciences and Medicine, 2014, Vol. 2, No 5A, 10-12. Available online at http://pubs.sciepub.com/ajssm/2/5A/3 © Science and Education Publishing DOI:10.12691/ajssm-2-5A-3 ISSN (Online): 2333-4606
19	Effect of Six Months Surya Namaskar and Selected Asanas on Body Composition Variables of Under Graduate Female Students of Jangalmagal	Dr. Binod Choudhary	Dr. Badshah Ghosh	Online International Interdisciplinary Research Journal, {Bi-Monthly}, ISSN 2249-9598 Vol. 5 Issue 5 Sept. – Oct. 2015
20	Comparison of maximal aerobic power between adolescent boys and adolescent girls of the Southern Central Zone of India	Dr. Badshah Ghosh	--	(Accepted) Journal of Sports and Physical Education, <i>Photon</i>
21	Scheduled Castes in India: Problems and Prospects	Dr. Badshah Ghosh	--	International Journal of Research in Computer Application and Management, Vol. 5 (2015), Issue No 11. November, ISSN 2231-1009 58-59.
22	Comparison of Maximal Aerobic Power between Boys and Girls of the Indian Adolescents	Dr. Badshah Ghosh	--	Scholarly Research Journal for Humanity Science & English Language, Vol. 2 Issue 12, 2015
23	Effect of Twelve Weeks Conditioning Training on Body Composition of Tribal Students of West Bengal	Dr. Badshah Ghosh	Dr. Binod Choudhary	International Journal of Research in Economics and Social Sciences, Vol.-5, Issue 10. Oct. 2015. ISSN 2249-7382. 106-111.
24	Effect of Nadi Sodhana and Bastrika Pranayama on Selected Physiological Variables of Tribal Female	Dr. Badshah Ghosh	Dr. Binod Choudhary	International Educational E-Journal, ISSN 2277-2456, Vol. IV, Issue IV, Oct-Nov-Dec. 2015. 30-35



25	Effect of Yoga Asanas and Pranayama on Selected Physiological Variables of Sedentary Adolescents	Dr. Badshah Ghosh	--	International Journal of Physical Education, Sports and Health, P-ISSN 2394-1685, E-ISSN 2394-1693 Vol. 2, Issue 2. 127-130.
26	A Comparative Study of Growth Status on School Going Boys of Private School in Urban Area and Government Schools in Rural Area in the State of West Bengal	Dr. Badshah Ghosh	--	Online International Interdisciplinary Research Journal, Refereed and Indexed Open Access Journal, ISSN 2249-9598(Online), Vol.-V, Issue VI, Nov.-Dec. 2015. 203-212
27	Relationship of Selected Physical Variables with Soccer Performance of Women Soccer Players	Dr. Badshah Ghosh	--	International Educational E-Journal, ISSN 2277-2456, Vol. IV, Issue IV, Oct-Nov-Dec. 2015. 01-08
28	Relationship of Selected Physiological and Psychological Variables with Soccer Performance of Women Soccer Players	Dr. Badshah Ghosh	--	(Accepted)Journal of Sports and Physical Education, <i>Photon</i>
29	Validation of 30 Minutes Steady State Jog as an Estimation of Peak Oxygen Uptake	Dr. Badshah Ghosh		Journal of Physical Education Research Vol. 2 Issue 2. December 2015 ISSN 2394-4048, Online-2394 4056,
30	Yoga Nidra – A Conscious Deep Sleep	Buddha Nanda Goswami	Dr. Badshah Ghosh	International Journal in Management and Social Science, Vol.03 Issue-12 (December, 2015) ISSN: 2321-1784

Sri Buddhadev Nanda Goswami

1	Yoga Nidra – A Conscious Deep Sleep	Buddha Nanda Goswami	Dr. Badshah Ghosh	International Journal in Management and Social Science, Vol.03 Issue-12 (December, 2015) ISSN: 2321-1784
2	Comparison of basic fitness status between the children belongs to hill area and	Sandip Sankar Ghosh	Buddha Nanda Goswami	Global jaounal for Research Analysis, Vol.4: Issue -12,



coastal area of West Bengal			2015, pages 66-67, ISSN 22778160
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Sri Lakshman Kumar Mondal

1	Comparative Study of Creative Motor Responsibility and Sociability between Normal and Orthopedically Challenged Person	Lakshman Kumar Mondal	-	UNMESH a peer reviewed Journal of Physical Education
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Rojina Azim

1	Attitude of Teachers and Parents Physical Education of High Madrasa	Rojina Azim	Dr. Asish Paul	AKASH
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20. *Areas of consultancy and income generated* : **NIL**

21. *Faculty as members in*

- a. *National committees,*
- b. *International Committees,*
- c. *Editorial Boards :*

Name of the Faculty	National committees	International Committees	Editorial Boards
Dr. Badshah Ghosh	Life Member of National Association of Physical Education & sports		Editor of International Journal of Multidimensional Research

22. *Student projects*

- (a) Percentage of students who have done in-house projects including inter departmentl/programme : **NIL**
- (b) Percentage of students placed for projects in organizations outside the institution i.e. in Researce Laboratories/Industry/other agencies : **NIL**

23. *Awards/ Recognitions received by faculty and students* : **NIL**

Awards/Recognitions received by faculty : **NIL**

Name	Purpose of Award / Reoz	



24. List of eminent academicians and scientists/visitors to the department :

Name of the eminent academicians and scientists/visitors	Institution
Dr. A.N. Dey	Ex- Principal, PGGIPE- Banipur Habra, 24 parganas North., Ex Additional Director of public Instructions, Bikash Bhaban, Kolkata 91. Director, School Education, NSOU, West Bengal.
Dr. Hiralal Adhikari	Professor , Head of the Dept. Department of Physical Education Barwdan University.
Dr. Sudip Sundar Das	Professor , Head of the Department of Physical Education Jadavpur University.
Dr. Ashok Biswas	Professor , Department of Physical Education Jadavpur University

25. Seminars/conferences/Workshops organized & the source of funding

- a) National : NIL
- b) International : NIL
- c) Others (State level/Regional level/students' seminar/etc.): NIL

Seminars are organized by the Department and funded by the College.

Topics	Date
1. Physical Education & B.P.Ed. Syllabus Review Workshop- under the patronage of U.G. Council, Vidyasagar University	31//03/2014 and 01/04/2014
2. 7 days Workshop on Yoga, Meditation and Pranayam- jointly with Art of living group	21,07,2015-27,07,2015



26. Student profile program me/ course wise :

Name of the Course/program me (refer questions no.4)	Applications Received	Selected	Enrolled		Pass (%)
			M	F	
B.A- Part-I Physical Education(General)2010-2011	254	127	115	12	82.63
B.A- Part-II Physical Education(General)2010-2011	0	148	120	28	90
B.A- Part-III Physical Education(General)2010-2011	0	42	42	02	91.66
B.A- Part-I Physical Education(General)2011-2012	297	196	196	44	80.62
B.A- Part-II Physical Education(General)2011-2012	0	111	97	14	90
B.A- Part-III Physical Education(General)2011-2012	0	106	84	22	97
B.A- Part-I Physical Education(General)2012-2013	280	160	132	28	58.75
B.A- Part-II Physical Education(General)2012-2013	0	142	104	38	92.59
B.A- Part-III Physical Education(General)2012-2013	0	27	21	06	99.7
B.A- Part-I Physical Education(General)2013-2014	294	136	118	18	59.58
B.A- Part-II Physical Education(General)2013-2014	0	114	93	21	88.40
B.A- Part-III Physical Education(General)2013-2014	0	73	44	29	95.94
B.A- Part-I Physical Education(General)2014-2015	334	142	112	30	68.75
B.A- Part-II Physical Education(General)2014-2015	0	112	92	20	90.42
B.A- Part-III Physical Education(General)2014-2015	0	84	67	17	100
BPED-2010-2011	Application-110	Selected +Appard 50	M 36	F 14	100
BPED- 2011-12	95	50	36	14	98
BPED- 2012-13	89	49	35	14	94
BPED- 2013-14	85	49	34	15	100
BPED- 2014-15	79	49	34	15	100

M = Male F=Female



27. Diversity of Students:

Name of the course	% of students from the same state	% of students from other states	% of students from abroad
UG Physical Education Pass Course	100	Nil	Nil
B.P.Ed	100	Nil	Nil

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc. ?

Year	NET / SLET	No. of Qualified Student
2011	UGC – NET	01
2012	UGC – NET	02
2013	UGC – NET & SET	02+01
2014	UGC - NET	03

29. Student Progression:

Student progression	Against % enrolled
UG to P.G	General Physical Education is Pass course (Master Degree is not available)
B.P.Ed to M.P.Ed	20%
P.G to M.Phil	Information not available
P.G to Ph.D	Information not available
P.G to Post Doc	Information not available
Employed - Campus Selection - Other than Campus Recruitment	Information not available As per information several general and B.P.Ed students are serving in Armed, Para Military and Police. A large number of the B.P.Ed students are working in the Government and private schools throughout India.



Details of Infrastructural facilities :

a) Library			b) Internet	c) Class rooms with ICT facility	d) Laboratories
Central Library books	Departmental Book Bank	Journal			
6020	BSNL Broadband and High Speed Internet	02	BSNL Broadband and High Speed Internet	01	Exercise Physiology Lab, Human Performance Lab with Therapeutic Modalities, Psychology Lab.

31. Number of students receiving financial assistance from college, university, Government or other agencies: The number of SC/ST/OBC students who received financial assistance has been reflected in the B.A. general list. The girl students under BPL category have been financial assistance under “**Kanyashree**” project from the state government are also included in the B.A. general list.

32. Details on student enrichment programmes (special lectures/workshops/seminar) with external experts :

Programme	Special Lectures	Workshop
UG (GENERAL)	Special class by internal teachers	01
B.P.ED	Special class by internal teachers and Invited lectures by external experts (Workshops are conducted to provide the knowledge about the Rules and their interpretation)	01

33. Teaching methods adopted to improve student learning :

- a) Lecturer
- b) Demonstration Method
- c) Whole part – Whole Methods
- d) Audio-visual Presentation
- e) Practical Field Analysis

34. Participation in institutional Social Responsibility:

The departmental students are very much active to perform various social responsibilities like cleaning the college and surrounding campus, Blood Donation, Relief to the victims of natural calamity etc. They also participate in N.S.S. and Bratachary which help them to build comradeship, leadership and social responsibility.



35. SWOC analysis of the department and Future plans :

Strength	<ul style="list-style-type: none"> a) Most of the students are getting proper guidance through class lecture and practical works which helps to improve the knowledge for future development. b) Active participation of the students in daily curriculums. c) Innovative class programme are introduced by the faculty. d) Good number of books in the college library. e) The faculty members impart physical training and coaching to the students of the other faculty f) The trained teams of our college secure position in the Inter-collegiate competitions.
Weakness	<ul style="list-style-type: none"> a) Lack of English communication skill is the major setback of the student's growth. b) Poor economic conditions of the rural students sometimes restrict their higher studies. c) Dropout of female students for social causes like marriage and family illiteracy. d) Lack of research projects by the faculty teachers
Opportunity	<ul style="list-style-type: none"> a) To arrange more seminars b) To procure more books c) To initiate certificate and diploma courses d) To organize summer coaching camps for the nearby school students.
Challenges	<ul style="list-style-type: none"> a) To ensure employability of students through campus interview. b) To start the M.P.Ed course in a fruitful manner. c) To provide the facilities for research work d) To publish recognize journal

Future Plans	<ul style="list-style-type: none"> a) To start P.G. course b) To organized U.G.C. sponsored State/ National/ International level seminar c) To procure more books for departmental library. d) To request college authority to recruit more full time faculty in the department. e) To organize U.G.C sponsored state / national / international level seminar. f) To procure more books for departmental library. g) To request college authority to recruit more fulltime faculty in the department. h) To organize a state level tournament in the memory of alumni who left us due to blood cancer. i) 9. To publish one Online and print journal with ISSN.
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18.

DEPARTMENT OF PHYSICS



18. DEPARTMENT OF PHYSICS

1. **Name of the department:** DEPARTMENT OF PHYSICS
2. **Year of Establishment:**
 - a) UG (Pass Course)- 1964,
 - b) UG (Hons.)-1968 &
 - c) PG-2013
3. **Names of Programmes/Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.):** UG and PG
4. **Names of Interdisciplinary courses and the departments/units involved:** Mathematics, Computer Science & Chemistry
5. **Annual/semester/choice based credit system (programme wise):**

Programme	Exam. Mode
U.G.	Annual
P.G.	Semester

6. **Participation of the department in the courses offered by other departments:**

Our Teachers are involved in taking class in P.G. (Geography). Our Teachers also take Physics (General) class of Chemistry, Mathematics and Computer Science departments..
7. **Courses in collaboration with other universities, industries, foreign institutions, etc.** The department is involved in taking class of U.G. (Physics) of Netaji Subhas Open University.
8. **Details of courses /programs discontinued (if any) with reasons:** None
9. **Number of Teaching posts**

Teaching posts	Sanctioned	Filled
Professors	--	--
Associate Professors	0	05 (CAS from Assistant Professor)
Asst. Professors	08	07 (05 promoted to Asso. Prof. by CAS)
Guest Lecturer for UG (G.B. approved)	04	04



10. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt./Ph.D./M.Phil. etc.):

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D. Students Guided for the last 4 years
Dr. Tapas Kr. Mandal	M.Sc, M.Phil, Ph.D	Associate Professor	Nuclear Physics	22 Years	Nil
Dr. Mrityunjoy Das	M.Sc, Ph.D	Associate Professor	Solid State Physics	18 Years	Nil
Dr. Abhijit Kar Gupta	M.Sc, Ph.D	Associate Professor	Nuclear Physics	15 Years	Nil
Dr. Bidyut Samanta	M.Sc, M.Tech, Ph.D	Associate Professor	Nuclear Physics	15 Years	Nil
Dr. Rajasree Hati	M.Sc, Ph.D	Associate Professor	Electronics	15 Years	Nil
Mr. Sandip Kr. Giri	M.Sc	Assistant Professor	Solid State Physics	05 Years	Nil
Mr. Suvayan Mandal	M.Sc, B.Ed	Assistant Professor	Bio-Physics	w.e.f. 09/03/2015	Nil
Mr. Aniket Banerjee	M.Sc, B.Ed	Guest Teacher	Solid State Physics	03 Years	Nil
Miss Tanusree Das	M.Sc, B.Ed	Guest Teacher	Solid State Physics	03 Years	Nil
Mr. Biplob Das	M.Sc, B.Ed	Guest Teacher	Electronics	02 Years	Nil
Miss Gargi Bagchi	M.Sc	Guest Teacher	Solid State Physics	02 Years	Nil

11. List of senior visiting faculty: For P.G. Courses (For the session 2013-2014)

Name	Designation	College and University
Dr.(Prof.) PareshCh. Jana	Professor	Vidyasagar University
Dr. Debashis Chatterjee	Associate Professor	Bijoygarh College, Calcutta University
Dr. Sukumar Chandra	Assistant Professor	Sabang Sajanikanta Mahavidyalaya, Vidyasagar University
Dr. Pijus Kanti Samanta	Assistant Professor	Ghatal R. S. MahaVidyalayay, Vidyasagar University



Dr. Sourabh Banerjee	Assistant Professor	Chandannagar Govt, College, Burdwn University
Dr. Shantanu Dhar	Assistant Professor	Jhargram Raj College, Vidyasagar University
Dr. Jyotirmoy Pramanik	Assistant Professor	Kharagpur College Vidyasagar University

List of senior visiting faculty: For P.G. Courses (For the session 2014-2015)

Name	Designation	College and University
Dr.(Prof.) Paresh Ch. Jana	Professor	Vidyasagar University
Dr. Sujit Kumar Bera	Associate Professor	Tamralipta Mahavidyalaya, Vidyasagar University
Dr. Debashis Chatterjee	Associate Professor	Bijoygarh College, Calcutta University
Dr. PijusKantiSamanta	Assistant Professor	Ghatal R. S. MahaVidyalayay, Vidyasagar University
Dr. Sourabh Banerjee	Assistant Professor	ChandannagarGovt, College, Burdwn University
Dr. Shantanu Dhar	Assistant Professor	Jhargram Raj College, Vidyasagar University
Dr. Jyotirmoy Pramanik	Assistant Professor	Kharagpur College Vidyasagar University, Vidyasagar University,
Dr. Sukumar Chandra	Assistant Professor	SabangSajanikantaMahavidyalaya, Vidyasagar University
Dr. Subhrajit Dutta	Assistant Professor	ChandrakonaVidyasagarMahavidyalaya, Vidyasagar University
Prof. BiswanathDolai	Assistant Professor	BajkulMilaniMahavidyalaya, Vidyasagar University
Dr. Somnath Bhattacharya	Assistant Professor	Barasat Govt. College, West Bengal State University
Dr. Sujoy Poddar	Assistant Professor	Netaji Nagar Day College, Calcutta University



12. Percentage of lectures delivered and practical classes handled (programme wise) By temporary faculty :-

Programme	Theory				Practical			
	2011-12	2012-13	2013-14	2014-15	2011-12	2012-13	2013-14	2014-15
U.G. (Hons.)	19%	06%	21%	29%	0%	0%	16%	27%
U.G (General)	31%	13%	64%	38%	36%	25%	33%	67%
P.G	NA	NA	23%	53%	NA	NA	0%	25%

13. Student – Teacher Ratio (programme wise): (Information as given by office) :

Programme	Students				Teachers (Permanent+Temporary)				Ratio (Approx.)			
	2011-12	2012-13	2013-14	2014-15	2011-12	2012-13	2013-14	2014-15	2011-12	2012-13	2013-14	2014-15
U.G.(Hons.)	129	142	130	162	6+3	6+1	6+2	7+4	15:1	20:1	16:1	15:1
U.G. (General)	324	378	428	533	6+3	6+1	6+1	7+4	46:1	54:1	61:1	49:1
P.G	NA	NA	20	40	NA	NA	6+7	7+11	NA	NA	2:1	2:1

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled:

a).

Sanctioned	Filled
Lab attendant- 04	00
Casual Technical Assistant (G.B. Approved) - 01	01
Casual Lab. Attendant (approved by G.B.)- 04	04



b).

Name	Qualification	Nature of Support Staff [Approved by G.B.]	Experience (Yrs)
Sk Jamsed Ali	M.Sc. (Physics), B.Ed	Technical Assistant (Temporary)	14 Years
Swapan Ghorai	B.Sc. (General)	Lab Attendant, (Temporary)	12 Years
Harekrishna Mandal	Madhyamik	Lab Attendant (Temporary)	12 Years
Sk Safiqul Islam	H.S.	Lab Attendant (Temporary)	12 Years
Swapan Samanta	Madhyamik	Lab Attendant (Temporary)	03 Years

15. Qualifications of teaching faculty with DSc/D.Litt/Ph.D/MPhil/PG.

Qualification	Numbers
Ph.D	05
P.G.	06

16. Number of faculty with ongoing projects from

a) National : 01

b) International funding agencies and grants received: Nil

17. Departmental projects funded by DST-FIST ; UGC , DBT , ICSSR , etc. and total grants received: UGC Minor Project-1, Grant received : 2.40 lac

18. Research Centre/facility recognized by the University: None

19. Publications:

Name	Paper Publication	Session 2011-12	Session 2012-13	Session 2013-14	Session 2014-15
Dr. Tapas Kr. Mandal	02	--	--	--	--
Dr.Mrityunjoy Das	07	-	--	--	--
Dr. Abhijit Kar Gupta	21	--	01	01	01
Dr. Bidyut Samanta	19	--	02	01	02
Dr. Rajasree Hati	14	01	--	--	--
Mr. Sandip Kr. Giri	03	--	01	01	01



1. Publication per faculty

- a) Number of papers published in peer reviewed journals (national/ international) by faculty and students:
- b) Number of publications listed in International Database (e.g.: Web of Science, Scopus, Humanities International Complete, Dare Database-International Social Sciences Directory, EBSCO host, etc.):
- c) Monographs
- d) Chapter in Books:
- e) Books Edited:
- f) Books with ISBN/ISSN numbers with details of publishers:
- g) Citation Index:
- h) SNIP:
- i) SJR:
- j) Impact factor:
- k) h-index:

Name	a	b	c	d	e	f	g	h	i	j	k	l
Dr. Tapas Kr. Mandal	02				1							
Dr. Mrityunjoy Das	06				1							
Dr. Abhijit Kar Gupta	21			1	1							
Dr. Bidyut Samanta	12				1							
Dr. Rajasree Hati	9				1							
Mr. Sandip Kr. Giri	03				1							

20. *Areas of consultancy and income generated:* None

21. *Faculty as members in*

- a) National committees
- b) International Committees
- c) Editorial Boards....None

22. *Student projects*

- a) *Percentage of students who have done in-house projects including inter departmental/programme: 100% of Part- III (Honours & General) students.*
- b) *Percentage of students placed for projects in organizations outside the institution i.e. in Research laboratories/Industry/ other agencies: About 30% of the students of PG 4th Sem.*



23. *Awards/Recognitions received by faculty and students:* None

24. *List of eminent academicians and scientists/visitors to the department:*

Name	Designation	Address
Dr. D. Lohar	Professor	Jadavpur University
Dr. C.R. Mandal	Professor	Jadavpur University
Dr. A. Mukherjee	Professor	Jadavpur University
Dr. G.C. Debnath	Director, Meterology Dept.	Alipur, West Bengal
Dr. P. Mukhapaddhyay	Scientists	IMD Pune
Dr. K. Rudra	Professor	Culcutta University
Dr. (Prof.) S. Mukherjee	Professor	Calcutta University
Dr. D. K. Paul	Professor	Papua Guinea Univ
Mr. O. Mladen	Research Fellow	Landon University
Dr. SushanKonar,	Scientist	NCRA, Pune
Dr.B.K.Das	Associate Professor	IIT Chennai

25. *Seminars/Conferences/Workshops organized & the source of funding*

- National: National Seminar on “Challenges in Weather Forecasting with Special Emphasis on Local issues like Flood, Tropical Cyclone etc” funded by UGC was held in December, 2011.
- Institute : Seminar on “Review on Optical Communication & Waveguide” by Dr. Bijoy Krishna Das Associate Professor, I.I.T., Chennai was held on 16.12.2014 : Funding by the College
- International:

26. *Student profile programme/course wise for UG COURSE :*

Name of the Course/ programme (refer question no. 4)	Application received	Selected			Enrolled						Pass (%)		
					M			F					
		Part- I	Part- II	Part- III	Part- I	Part- II	Part- III	Part- I	Part- II	Part- III	Part- I	Part- II	Part- III
U.G. (2011 – 12)	755	72	51	31	56	43	28	16	08	03	74	91	100
U.G. (2012 – 13)	735	63	42	38	47	32	31	16	10	07	59.3	97.3	100
U.G. (2013 – 14)	470	47	57	21	35	41	17	12	16	04	65.8	68.9	97.3
U.G. (2014-15)	594	67	44	58	57	27	46	10	17	12	84.9	86.2	100



Student profile programme/course wise for PG COURSE :

Name of the Course/programme (refer question no. 4)	Applications received	Selected		Enrolled				Pass percentage	
				M		F			
P.G (2013-14)	Central Counselling by V.U	Part-I	Part-II	Part-I	Part-II	Part-I	Part-II	Part-I	Part-II
		20	NA	12	NA	08	NA	100%	NA
P.G (2014-2015)	326	22	17	13	10	09	07	100%	100%

M=Male F=Female

Result :B.Sc Part – III, Physics (Hons) :

Year	Appear	1 st Class	2 nd Class	P Division	Pass	Pass (%)
2011-12	31	09	18	04	31	100
2012-13	37	22	13	01	36	97.20
2013-14	18	10	07	01	18	100
2014-15	50	35	15	00	50	100

Result :B.Sc Part – II, Physics (Hons) :

Year	Appear	60% & Above	Bellow 60%	P Division	Pass	Pass (%)
2011-12	38	15	22	00	37	97.36
2012-13	29	05	15	00	20	69
2013-14	58	25	60	00	50	86.2
2014-15	50	10	40	00	50	100

Result :B.Sc Part – I, Physics (Hons) :

Year	Appear	60% & Above	Bellow 60 %	P Division	Pass	Pass (%)
2011-12	59	08	27	00	35	59.32
2012-13	76	10	40	00	50	65.78
2013-14	53	09	36	00	45	84.
2014-15	53	09	36	00	45	84.9

**Result :B.Sc Physics(General) :**

Year	Appear	60% & Above	Below 60%	P Division	Pass	Pass (%)
2011	16	01	11	04	16	100
2012	10	01	09	00	10	100
2013	15	02	13	00	15	100
2014	13	02	11	00	13	100

Result : M.Sc Part – I :

Year	Appear		60% & Above		Below 60%		P Division		Pass		Pass (%)	
	1 st Sem	2 nd Sem	1 st Sem	2 nd Sem	1 st Sem	2 nd Sem	1 st Sem	2 nd Sem	1 st Sem	2 nd Sem	1 st Sem	2 nd Sem
2013-14	18	18	09	12	09	06	NIL	NIL	18	18	100%	100%
2014-15	22	22	18	06	03	16	NIL	NIL	21	22	95%	100%

Result : M.Sc Part – II :

Year	Appear		60% & Above		Below 60%		P Division		Pass		Pass %	
	3 rd Sem	4 th Sem	3 rd Sem	4 th Sem	3 rd Sem	4 th Sem	3 rd Sem	4 th Sem	3 rd Sem	4 th Sem	3 rd Sem	4 th Sem
2013- 14	NA		NA		NA		NA		NA		NA	
2014-15	17	16	9	11	07	05	NIL	NIL	16	16	94%	94%

27. Diversity of Students:

Name of the Course	% of students from the same state				% of students from other States				% of students from abroad			
	2011-2012	2012-2013	2013-2014	2014-2015	2011-12	2012-13	2013-14	2014-15	2011-12	2012-13	2013-14	2014-15
U.G.	100 %	100 %	100 %	100 %	0%	0%	0%	0%	0%	0%	0%	0%
P.G	NA	NA	100%	100%	NA	NA	0%	0%	NA	NA	0%	0%



28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.?

NET- 1 Student (Tasaul Sk.) in the session 2014-15 and for other services- 4 students were placed among top 10% of the enrolled students of the National level at National Graduate Physics Examination-2015.

29. Student progression

Student progression	Against % enrolled
UG to PG	2011 - 83% 2012 - 82% 2013 - 84% 2014 - 80%
PG to M.Phil.	NA
PG to Ph.D.	2015 - 5%
Ph.D. to Post-Doctoral	NA
Employed • Campus selection • Other than campus recruitment	NIL YES (Number not known)
Entrepreneurship/Self-employment	--

30. Details of Infrastructural facilities

- Library: Departmental U.G. Hons. Library besides Central Library.
- Internet facilities for Staff & Students: Internet connection in five computers
- Class rooms with ICT facility: 1
- Laboratories: U.G. (Hons. & General) Lab = 06 (Electronics- 1, Electrical- 1, Computer Lab -1, Optics- 1, General- 2)
- P.G. Lab = 02 (Electronics + Advance and Computer lab)

31. Number of students receiving financial assistance from college, university, government or other agencies :

Course	Session 2011-12					Session 2012-13				Session 2013-14				Session 2014-15			
	SC	ST	OBC	Minority	NATIONAL SCHOLARSHIP	SC	ST	OBC	Minority	SC	ST	OBC	Minority	SC	ST	OBC	Minority
UG	9	3	3	3	16	5	1	2	2	16	1	5	3	Online			
PG	NA	NA	NA	NA	NA	NA	NA	NA	NA	-	-	-	3	Online			



32. Details on student enrichment programmes (special lectures/workshops/seminar) with external experts:

- a) Talk delivered by Dr. Sushan Konar, NCRA, Pune
- b) Talk delivered by Subrata Ghosh, S.R.F, IGCAR, Kalpakkam, Tamil Nadu.
- c) Remedial classes by departmental teachers.
- d) Talk delivered by Dr. C.R. Mandal, Professor, Jabalpur University.
- e) Talk delivered by Dr. D.Lohar, Professor, Jadavpur University.
- f) Talk delivered by Dr. A. Mukherjee, Professor, Jadavpur University.
- g) Talk delivered by Dr. G.C. Debnath, Director, Metrology Dept., Alipur, West Bengal.
- h) Talk delivered by Dr. P. Mukhapaddhyay, Scientist, IMD Pune.
- i) Talk delivered by Dr. K. Rudra, Professor, Calcutta University.
- j) Talk delivered by Dr. (prof.) S. Mukherjee, Professor, Calcutta University.
- k) Talk delivered by Dr. D. K. Paul, professor, Papua Guinea University.

33. Teaching methods adopted to improve student learning:

Audio / Visual techniques – LCD Projector, Aver Media Projector.

34. Participation in Institutional Social Responsibility (ISR) and Extension activities:

- a) Sky observation through telescope was organized on 25th February 2015.
- b) Students of the departments along with the teachers visited VECC Kolkata on National Science Day on 28th February, 2015.
- c) Popular seminars by our faculty members at neighbouring schools;
- d) Talk delivered by Dr. Abhijit Kar Gupta at Debra H. S. School, Khukurdaha H.S. School and Dr. Mrityunjoy Das at B.H.S. School, Narayangarh,
- e) Dr. Tapas Kumar Manda is member of different subcommittees such as Academic, Hostel etc.
- f) Dr. Abhijit Kargupta is member of different subcommittees of the college such as Academic, Purchase, Library, career Counseling etc. He is also a member of Steering committee for preparation of NAAC Inspection-2015. He is also the In-charge of Computer Science Department for quite a long period.
- g) Dr. Mrityunjoy Das is member of different subcommittees of the college



such as Academic, Establishment etc. He is also the member of the Board of Studies of PG course in Physics, V.U. He is also University nominated member of the Governing Body of Tamralipta Mahavidyalay. He is also a member of Steering committee for preparation of NAAC Inspection-2015

- h) Dr. Bidyut Samanta is Teachers' Representative to the G.B. of the college and member of different subcommittees such as Academic, Finance, Purchase, Establishment, UGC Building etc. He is also the coordinator of IQAC of our college. Dr. Bidyut Samanta was University nominated member of the Governing Body of Sabang S.K. Mahavidyalay. Dr. Bidyut Samanta acted as Jury member at Inspire Award Exhibition organized by District Inspector of school (Secondary Education), Govt of West Bengal. He is also a member of IQAC of Kharagpur college
- i) Dr. Rajasree Hati is member of different subcommittees of the College such as Women cell and Establishment Committee. She is also a member of Steering committee for preparation of NAAC Inspection-2015
- j) Sri Sandip Giri is member of different subcommittees such as Right to Information, SC/ST/OBC Affairs etc.
- k) Department invites students of neighbouring school to visit our laboratories and to participate in educational programs.

35. SWOC analysis of the department and Future plans:

STRENGTH-

- a) 11 dedicated faculty members out of which seven are in substantive post and five are in Associate Professor Rank.
- b) 5 dedicated and experienced Laboratory Staff out of them one has M.Sc. degree and one has B.Sc. degree.
- c) Adequate number of good and motivated students
- d) UG & PG courses are running simultaneously which encourages the UG students.
- e) Well equipped Laboratories.
- f) Departmental Library with good number of books.
- g) Adequate internet facility
- h) Good Student-Teacher interaction
- i) Encouraging results
- j) Regular class
- k) All the teachers are involved in Student Support Activities of the college.



WEAKNESS-

- a) Low scope of research work due to heavy teaching and administrative load.
- b) No permanent non teaching staff.
- c) Dearth of permanent teachers for running UG & PG course.
- d) Insufficient space for expansion particularly for PG course.

OPPORTUNITY –

- a) To introduce more special paper in PG course
- b) Special coaching for different Entrance examinations (JAM, JEST etc.) along with NET/SET/GATE.

CHALLENGES –

- a) To develop Research Laboratory and to motivate the students to go for research work.
- b) To improve the departmental library for PG students.
- c) To arrange for Training and Placement.
- d) To start certificate course on repairing of electronic devices.
- e) To motivate the students to Social Activities.



ANNEXURE – I: PUBLICATION

DR. TAPAS MANDAL

1. **T. Mandal**, D.L. Jha, N.V. Joshi, *ActaPhysicaPolonica A*, 73, 613 (1998)
2. **T. Mandal**, D.L. Jha, *Indian J. Pure & Appl. Phys*, 27, 144 (1989)
3. **T. Mandal**, D.L. Jha, *Proc. 74th Indian Science Congress* (Bangalore, 1987)

DR. ABHIJIT KAR GUPTA

1. **Abhijit Kar Gupta** and Sourabh Banerjee, *Research Journal of Recent Science (International Science Congress Association, to be published, 2015)*
2. **Abhijit Kar Gupta**, Pedagogical article in *IAPT Journal, India* (Ref. 466) (2014)
3. **Abhijit Kar Gupta**, *Physica A*, 391, 1509-1514 (2012); also see [arXiv:1012.5896](https://arxiv.org/abs/1012.5896)
4. **Abhijit Kar Gupta**, *Physica A*, 387, 6819-6824 (2008); also see [arXiv:0806.3813](https://arxiv.org/abs/0806.3813)
5. **Abhijit Kar Gupta**, Pedagogical article in *IAPT Journal, India* (Ref. 245) (2008)
6. **Abhijit Kar Gupta**, <http://arXiv.org/Physics/0604161>, appeared as a chapter in a book, page 161 (Chapter 6): “*Econophysics and Sociophysics: trends and perspectives*”, eds. B.K. Chakrabarti, A.K. Chakraborty, A.K. Chatterjee, Wiley-VCH, Verlag GmbH & Co. KGaA (2006).
7. **Abhijit Kar Gupta**, *Commun. Comp. Phys*, 1, 503 (2006). Also <http://arXiv.org/Physics/0509172>; *ICTP Buletin* (Trieste, Italy) IC/2005/051.
8. **Abhijit Kar Gupta**, *Physica A*, 359, 634 (2006). Also <http://arXiv.org/Physics/0505115>.
9. **Abhijit Kar Gupta** and Dietrich Stauffer, *Int. J. Mod. Phys. C* 11, 695 (2000).
10. **Abhijit Kar Gupta** and Asok K Sen, *Phys. Rev. B* 59, 9167 (1999), Also [cond-mat/9806282](https://arxiv.org/abs/cond-mat/9806282).
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12. Sandeep K. Joshi, **Abhijit Kar Gupta** and A. M. Jayannavar, *Phys. Rev. B* 58, 1092 (1998). Also [cond-mat/9712251](https://arxiv.org/abs/cond-mat/9712251).



13. Sandeep K. Joshi, **Abhijit Kar Gupta** and A. M. Jayannavar, *Ind. J. Physics* 72A , 371 (1998).
14. **Abhijit Kar Gupta** and Asok K Sen, *Physica A* 30, 247 (1997).
15. **Abhijit Kar Gupta** and Asok K Sen, *Ind. J. Physics* 71A, 357 (1997).
16. **Abhijit Kar Gupta** and Asok K Sen, *J. Stat. Phys.* 80 , 1425 (1995).
17. **Abhijit Kar Gupta** and Asok K Sen, *Physica A* 215, 1-9 (1995).
18. **Abhijit Kar Gupta** and A.M. Jayannavar, *Phys. Rev. B* 52, 4156 (1995).
19. **Abhijit Kar Gupta** and Asok K Sen, *ICTP Bulletin (Trieste, Italy)*, IC/94/212. (1994)
20. **Abhijit Kar Gupta** and Asok K Sen, article in “Non-linearity and Breakdown in Soft Condensed Matter”, eds. K.K. Bardhan, B.K. Chakrabarti and Alex Hansen, *Lecture Notes in Physics*, 437, 271 (Springer-Verlag, Berlin 1994).
21. **Abhijit Kar Gupta** and Asok K Sen, *ICTP Buletin (Trieste, Italy)*, IC/94/213.(1994)
22. **Abhijit Kar Gupta** and Asok K Sen, article in *Ordering Disorder: Prospect and retrospect in Condensed Matter Physics (Proceedings of the Indo-US workshop, held in Hyderabad, India 1992-93)*, eds. VipinSrivastava, Anil K. Bhatnagar, Donald G. Naugle, *AIP Conference Proceedings*, 286, 252-254 (1994).
23. **Abhijit Kar Gupta** and Asok K Sen, *Z. Phys. B* 91, 493 (1993).
24. **Abhijit Kar Gupta**, A.M. Jayannavar and Asok K Sen, *J. Phys. I (France)* 3, 1671 (1993).
25. **Abhijit Kar Gupta** and Asok K Sen, *J. Phys. I (France)* 2, 2039 (1992).

DR. MRITYUNJOY DAS

1. **M. Das**, N.C. Deb, N. C. Sil and S. C. Mukherjee, *Phys. Rev.A* **52**, 4616 (1995).
2. **M. Das**, N.C. Deb, and S. C. Mukherjee, *Phys.Scr.* **54**, 44(1996).
3. **M. Das**, N.C. Deb, N. C. Sil and S. C. Mukherjee, *Phys. Rev.A* **54**, 2973(1996).
4. **M. Das**, M. Purkait and C. R. Mondal, *Phys. Rev. A.* **57**, 3573 (1998).
5. **M. Das**, M. Purkait and C. R. Mondal, *J. Phys.B.* **31**, 4387 (1998).
6. **M. Das**, M. Purkait and C. R. Mondal, *Phys. Rev.A.* **60**, 3025 (1999).
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**DR. RAJASREE HATI**

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8. **B. Samanta**, P. Ganguly, J. C. Biswas, S. K. Lahiri *Defence Science Journal* vol.52 (2002) p.201
8. T. Ghosh, **B. Samanta**, P. Ganguly, P.C.Jana, *Fibre and Integrated Optics*, vol.31 (2012) p.1-10
9. T. Ghosh, **B. Samanta**, P. Ganguly, P. C. Jana, *Journal of Light Wave Technology* vol.31, No.16(2013) p.2728
10. T. Ghosh, **B. Samanta**, P. Ganguly, P. C. Jana, *Journal of Physical Science*, vol. 16 (2012) p.197
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19.

DEPARTMENT OF PHYSIOLOGY



19. DEPARTMENT OF PHYSIOLOGY

1. *Name of the department:* DEPARTMENT OF PHYSIOLOGY
2. *Year of Establishment: UG (General):* 1986-87; UG (Hons): 2002-2003
3. *Names of Programmes /Courses offered (UG, PG, M.Phil., Ph.D., Integrated, Masters; Integrated Ph.D., etc.):* Under Graduate
4. *Names of Interdisciplinary courses and the departments/units involved:*
None
5. *Annual/semester/choice based credit system (programme wise):*

Programme	Exam. Mode
Under Graduate	Annual

6. *Participation of the department in the courses offered by other departments:*

Our Teachers also takes Physiology (General) classes of Zoology, Botany, Microbiology, Physical Education (B.P.Ed) and Biotechnology departments.
7. *Courses in collaboration with other universities, industries, foreign institutions, etc. :* Nil
8. *Details of courses/programs discontinued (if any) with reasons :* None
9. *Number of Teaching posts*

Teaching posts	Sanctioned	Filled
Professors	NIL	NIL
Associate Professors	NIL	01 (by CAS)
Asst. Professors	01	01 (Promoted to Associate Prof.)



10. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt./Ph.D./M.Phil. etc.):

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D. Students Guided for the last 4 years
Dr. Arunanshu Sinha	M.Sc, Ph.D	Associate Professor	Biophysics	18 Years	No
Dr. Keya Pradhan	M.Sc,B.Ed, M.Phil, Ph.D	Approved PTT	Sports Physiology & Ergonomics	20 Years	No
Ms.Kakali Bera	M.Sc, B.Ed, M.Phil	Approved PTT	Immunology, Microbiology & Tissue culture	17 Years	No
Mr.Dibyendu Maity	M.Sc	Approved PTT	Neurophysiology	07 Years	No
Ms. Rishna Dalai	M.Sc,	Approved PTT	Sports Physiology	07 Years	No
Mr. Amitava Pal	M.Sc, Ph.D Thesis Submitted	Approved PTT	Sports Physiology & Ergonomics	07 Years	No

11. *List of senior visiting faculty:* NIL

12. *Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty :-* NIL

13. *Student – Teacher Ratio (programme wise): (Information as given by office) :*

Programme	Students				Teachers (Permanent)				Ratio (Approx.) (Based on Honours students and Permanent teachers)			
	2011-2012	2012-2013	2013-2014	2014-2015	2011-2012	2012-2013	2013-2014	2014-2015	2011-2012	2012-2013	2013-2014	2014-2015
U.G. (Hons.)	63	83	84	98	6	6	6	6	11:1	14:1	14:1	16:1
U.G. (General)	214	249	240	320	6	6	6	6	36:1	42:1	40:1	53:1



14. Number of academic support staff (technical) and administrative staff; sanctioned and filled:

a).

Sanctioned	Filled
1	1

b).

Name	Qualification	Nature of Support Staff	No .of Years of Experience
Abhisit Adhikary	MP	Lab Bearer (Temporary) [Approved by G.B.]	8 Years
Rasidul Khan	B.A. (General)	Lab Bearer (Temporary) [Approved by G.B.]	3 Years

15. Qualifications of teaching faculty with DSc/D.Litt/Ph.D/MPhil/PG.

Qualification	Numbers
Ph.D	02
M.Phil	02
P.G.	03

16. Number of faculty with ongoing projects from

a) National

b) International funding agencies and grants received: Nil

17. Departmental projects funded by DST-FIST; UGC, DBT, ICSSR, etc. and total grants received: NIL

18. Research Centre/facility recognized by the University: Nil

19. Publications:

Name	Paper Publication	Session 2011-12	Session 2012-13	Session 2013-14	Session 2014-15
Dr. Arunanshu Sinha	--	--	--	--	--
Dr. Keya Pradhan	01	--	--	--	01
Ms. Kakoli Bera	--	--	--	--	--



Mr. Dibyendu Maity	--	--	--	--	--
Ms. Rishna Dalui	04	01	--	03	--
Mr. Amitava Pal	23	04	02	08	07

1) *Publication per faculty*

- a) Number of papers published in peer reviewed journals (national/international) by faculty and students: : **24**
- b) Number of publications listed in International Data base (For Eg: Web of Science, Scopus, Humanities International Complete, Dare Database-International Social Sciences Directory, EBSCO host, etc.) : **21**
- c) Monographs:
- d) Chapter in Books: 2
- e) Books Edited: Nil
- f) Books with ISBN/ISSN numbers with details of publishers: Nil
- g) Citation Index: Not known.
- h) SNIP: Not known.
- i) SJR: Not known.
- j) Impact factor: Not known.
- k) h-index: Not known.

20. *Areas of consultancy and income generated:* None

21. *Faculty as members in*

- a. National committees
- b. International Committees
- b) Editorial Boards... Nil

22. *Student projects*

- c) *Percentage of students who have done in-house projects including inter departmental/programme:* 100% of Part- III (Honours & General) students.
- d) *Percentage of students placed for projects in organizations outside the institution i.e. in Research laboratories/ Industry/ of the ragencies:* Nil

23. *Awards/Recognitions received by faculty and students:*

- a) **2nd best presentation award** received by Mr Amitava Pal in “International Conference on Frontiers in Biological Researches (ICFBR-2012)”, organized by Department of Human Physiology with Community Health, Vidyasagar University, Midnapore, West Bengal. [2012]



- b) “**Level One Anthropometrist**” certified by International Society for the Advancement of Kinanthropometry (ISAK), Canada. [2014]
- c) “**Level Two Anthropometrist**” certified by International Society for the Advancement of Kinanthropometry (ISAK), New Zealand and Spain. [2015]

24. List of eminent academicians and scientists/visitors to the department: Nil

25. Seminars/Conferences/Workshops organized & the source of funding

- a) National: **Nil**
- b) International: **Nil**

26. Student profile programme/course wise for UG COURSE:

Name of the Course/ programme (refer question no. 4)	Applications received	Selected			Enrolled						Pass percentage		
					Male			Female					
U.G. (2011 – 12)	203	Part-I	Part-II	Part-III	Part-I	Part-II	Part-III	Part-I	Part-II	Part-III	Part-I	Part-II	Part-III
		35	23	09	20	13	06	15	10	03	65.5	64	86
U.G. (2012 – 13)	223	37	23	22	19	14	12	18	10	10	51.5	85.7	100
U.G. (2013 – 14)	273	36	32	18	27	18	10	9	14	08	58.8	100	100
U.G. (2014-15)	336	48	27	23	23	19	10	25	08	13	90	88.9	100

Result : B.Sc Part – III, Physiology (Hons) (Information as given by office) :

Year	Appear	1 st Class	2 nd Class	P Division	Pass	Pass %
2011	07	02	04	00	06	86
2012	07	03	03	01	07	100
2013	17	06	09	02	17	100
2014	18	10	07	01	18	100



Result: B.Sc Part – II, Physiology (Hons):

Year	Appear	60% & Above	Bellow 60%	P Division	Pass	Pass %
2011	11	02	05	00	07	64
2012	21	04	14	00	18	85.71
2013	18	05	13	00	18	100
2014	27	00	24	00	24	88.88

Result: B. Sc Part – I, Physiology (Hons):

Year	Appear	60% & Above	Bellow 60%	P	Pass	Pass %
2011	29	03	16	00	19	65.5
2012	33	03	14	00	17	51.51
2013	34	00	20	00	20	58.82
2014	30	05	22	00	27	90

Result : B.Sc Physiology (General) :

Year	Appear	60% & Above	Below 60%	P Division	Pass	Pass %
2011	12	00	12	00	12	100
2012	13	00	13	00	13	100
2013	19	04	13	00	17	89.4
2014	20	00	13	00	13	65

27. Diversity of Students:

Name of the Course	% of students from the same state				% of students from other States				% of students from abroad			
	2011-2012	2012-2013	2013-2014	2014-2015	2011-12	2012-13	2013-14	2014-15	2011-12	2012-13	2013-14	2014-15
U.G.	100%	100%	100%	100%	0%	0%	0%	0%	0%	0%	0%	0%



28. *How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.? Record not available.*

29. *Student progression*

Student progression	Against % enrolled
UG to PG	2011-12 - 66.67% 2012-13 - 54.55% 2013-14 - 61.11% 2014-15 - 47.83%
PG to M.Phil.	Nil
PG to Ph.D.	4
Ph.D. to Post-Doctoral	Nil
Employed • Campus selection • Other than campus recruitment	NIL Not known)
Entrepreneurship/ Self-employment	Not known

30. *Details of Infrastructural facilities*

- Library: **Departmental U.G. Hons. Library besides Central Library.**
- Internet facilities for Staff & Students: **Yes**
- Class rooms with ICT facility: **LCD projector for multimedia**
- Laboratories: U.G.(Hons. & General) Lab = **02**

31. *Number of students receiving financial assistance from college, university, government or other agencies (Information as given by office):*

Course	Session				Session				Session				Session			
	2011-12				2012-13				2013-14				2014-15			
	S	S	O	Minority	S	S	O	Minority	S	S	O	Minority	S	S	O	Minority
	C	T	B		C	T	C		C	T	C		C	T	C	
UG	3	1	1	2	5	1	1	2	2	-	3	2	online			



32. *Details on student enrichment programmes(special lectures/workshops/seminar)with external experts: None*
33. *Teaching methods adopted to improve student learning:
Audio / Visual techniques – LCD Projector*
34. *Participation in Institutional Social Responsibility (ISR) and Extension activities: Nil*
35. *SWOC analysis of the department and Future plans:*

STRENGTH-

1. Dedicated faculty involved teaching.
2. 100% regular classes.
3. Students' teachers' interaction.
4. Extra classes & Lab periods.
5. Departmental Library and Internet facility.

WEAKNESS –

1. Inadequate space to accommodate large students.
2. Less number of sanctioned permanent teaching staff.
3. Unavailability of permanent non-teaching members and trained technical staff.

OPPORTUNITY –

1. Career counseling,
2. Interdisciplinary studies.

CHALLENGES –

1. Students mainly come from rural areas and poor families.
2. As the students hail from Bengali background it is challenging for the teachers to teach the subject and translate the English terms.
3. To motivate the students to read the English manuscripts.

FUTURE PLAN

1. To organize a national level seminar in collaboration with the Indian Physiological Society.
2. To publish a National level journal with ISSN along with some allied departments like Microbiology, Biotechnology, Zoology etc.
3. To initiate the process of starting the PG course.

20.

**DEPARTMENT
OF POLITICAL SCIENCE**



20. DEPARTMENT OF POLITICAL SCIENCE

1. *Name of the Department:* DEPARTMENT OF POLITICAL SCIENCE
2. *Year of Establishment:* 1961
3. *Names of Programmers / Courses offered (UG, PG, M.Phil., Ph.D., : Integrated Masters; Integrated Ph.D. etc.):*
 - a) UG (General:1961,
 - b) Hons:1964)
4. *Names of Interdisciplinary courses and the departments /units involved:* Nil
5. *Annual /semester/choice based credit system (programmewise):*
Section (Hons & General) : Annual
6. *Participation of the department in the courses offered by other departments:* History, Geography, Philosophy, Economics.
7. *Courses in collaboration with other universities, industries, foreign institutions, etc.:* Nil
8. *Details of courses /programmers discontinued (ifany) with reasons:* Nil
9. *Number of teaching posts:*

Teaching Posts	Sanctioned	Filled
a) Professors	-	-
b) Associate Professors	-	01 On Promotion Basis (CAS)
c) Asst. Professors	4	02 (01 Promoted to Associate Prof. through CAS)
d) Part Time Teacher (Govt. Approved)	03	3
e) UG-Guest Lecturer (GB Approved)	02	2
f) CWTT	00	00



10. Faculty profile with name, qualification, designation, specializations, (D.Sc./D.Litt./Ph.D./M.Phil.etc.)

Name	Qualification	Designation	Specialization	No.ofYears of Experience	No.ofPh.D. Students guided Forthe last4years
SK. Md. Saha Alam	M.A, LLB	Associate Professor	International Law	29 yrs.	Nil
Sri Prasanta Sat	M.A., M.Phil	Assistant Professor	Local Govt. and Politics & Public Administration	1.5yrs.	Nil
Sri Tapas Kumar Pal	M.A.(double) M.Phil, B.ED	PTT	Local Govt. and Politics & Public	27yrs	Nil
Sri Pradip Panigrahi	M.A ,B.ED	PTT	Local Govt. and Politics	25yrs	Nil
Sri Ardhendu Kumar Adak	M.A ,B.ED	PTT	Local Govt. and Politics	19yrs	Nil
Smt. Shrabani Nandi	M.A, B.ED	Guest Lecturer	Public Administration	3yrs	Nil
Sri Subhendu NathPatra	M.A B.ED	Guest Lecturer	Society and Politics in South Asia	3Yrs	Nil

11. *List of senior visiting faculty:* NIL

12. *Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty:*

2014-15

	Year	Total Classes	Classes taken	% of Classes
UG(G)	1st yr	11	04	36%
	2 nd yr	11	06	54%
	3 rd yr	9	03	33%
UG(H)	1 st yr	23	03	13%
	2 nd yr	26	05	19%
	3 rd yr	26	06	23%

**2013-14**

	Year	Total Classes	Classes taken	% of Classes
UG (G)	1st yr	07	00	00
	2 nd yr	08	00	00
	3 rd yr	08	00	00
UG(H)	1 st yr	18	00	00
	2 nd yr	18	00	00
	3 rd yr	17	00	00

2012-13

	Year	Total Classes	Classes taken	% of Classes
UG(G)	1st yr	07	00	00
	2 nd yr	08	00	00
	3 rd yr	08	00	00
UG(H)	1 st yr	18	00	00
	2 nd yr	18	00	00
	3 rd yr	17	00	00

2011-12

	Year	Total Classes	Classes taken	% of Classes
UG(G)	1st yr	07	00	00
	2 nd yr	08	00	00
	3 rd yr	08	00	00
UG(H)	1st yr	18	00	00
	2 nd yr	18	00	00
	3 rd yr	17	00	00

13. Student-Teacher Ratio (programmed wise):**2014-15**

	Year	No. of Students	No. of Teachers	Ratio
UG (G)	1st yr	284	06	47:1
	2 nd yr	128	07	18:1
	3 rd yr	89	06	15:1
UG (H)	1 st yr	24	07	4:1
	2 nd yr	14	07	2:1
	3 rd yr	31	07	5:1



2013-14

	Year	No. of Students	No. of Teachers	Ratio
UG (G)	1st yr	232	04	58:1
	2 nd yr	276	04	69:1
	3 rd yr	97	04	24:1
UG (H)	1 st yr	19	04	5:1
	2 nd yr	35	04	9:1
	3 rd yr	32	04	8:1

2012-13

	Year	No. of Students	No. of Teachers	Ratio
UG (G)	1st yr	306	04	76:1
	2 nd yr	348	04	87:1
	3 rd yr	58	04	15:1
UG (H)	1 st yr	43	04	11:1
	2 nd yr	47	04	12:1
	3 rd yr	43	04	11:1

2011-12

	Year	No. of Students	No. of Teachers	Ratio
UG (G)	1st yr	366	04	92:1
	2 nd yr	248	04	62:1
	3 rd yr	93	04	23:1
UG (H)	1 st yr	84	04	21:1
	2 nd yr	58	04	15:1
	3 rd yr	38	04	10:1

14. *Number of academic support staff (technical) and administrative staff; sanctioned and filled: NIL*



15. QualificationsofteachingfacultywithD.Sc/D.Litt/Ph.D/M.Phil/PG

Sl. No.	Name of the Teacher	PG	M .Phil	Ph.D.	D. Lit.	D. Sc.
1.	SK.MdSahaAlam	✓	-	-	-	-
2.	Sri Prasanta Sat	✓	✓	-	-	-
3.	Sri Tapas Kumar Pal	✓	✓	-	-	-
4.	Sri PradipPanigrahi	✓	-	-	-	-
5.	Sri Ardhendu Kumar Adak	✓	-	-	-	-
6.	Smt. Shrabani Nandi	✓	-	-	-	-
7.	Sri SubhenduNathPatra	✓	-	-	-	-

16. Number off aculty with on going projects from) National) International fundoing agencies and grants received: NA

17. Departmentalprojectsfundedby DST-FIST; UGC, DBT, ICSSR, etc. andtotal grants received: Nil

18. Research Centre/ facility recognized by the University: Nil

19. Publications: Nil

- a. Publication per faculty
- b. Number of papers published in peer reviewed journals (national/ international) by faculty and students
- c. Number of publications listed in International Database (For Egg: Web of Science, Scopus, Humanities International Complete, Dare Database-International Social Sciences Directory, EBSCO host, etc.)
 - i. Monographs
 - ii. ChapterinBooks
 - iii. BooksEdited
 - iv. Books with ISBN /ISSN numbers with details of publishers
 - v. Citation Index
 - vi. SNIP
 - vii. SJR
 - viii. Impact factor
 - ix. h-index

20. Areas of consultancy and income generated: Nil



21. Faculty as members in: Nil

- a) National committees
- b) International Committees
- c) Editorial Boards....

22. Student projects: Yes

a) Percentage of students who have done in-house projects including inter departmental/programme:

Course	Programme	No of students
UG	Youth Parliament & Quiz	15 & 8

b) Percentage of students placed for projects in organizations outside the institution i.e. in Research laboratories/ Industry/ or the ragencies:

: Nil

21. Awards/ Recognitions received by faculty and students:

9 students (2014-2015), 2 Students (2013-2014), 1 student (2012-2013) awarded from Youth Parliament Programme and Youth Parliament Quiz contest in district and divisional level

24. List of eminent academicians and scientists/ visitors to the department:

Sl no	Name	Designation	Institution
1	Rajkumar Kothari	Associate Prof	Vidyasagar University
2	Anil Kumar Jana	Professor	Vidyasagar University
3	Sidharthanath Manna	Assistant Prof	GourBanga University
4	Eyasin Khan	Assistant Prof	Vidyasagar University

25. Seminars/ Conferences/ Workshop sorganized & the source of funding

- a) National
- b) International: Nil



26. Student profile programme/course-wise:

Name of the Course/ programme (refer question no. 4)	Applications received		Selected	Enrolled		Pass percentage
				M	F	
Political Science (Hons)	14-15	39	20	09	11	100.00
	13-14	60	21	08	13	96.08
	12-13	93	53	22	31	100.00
	11-12	107	73	39	34	100.00

M=Male F=Female

27. Diversity of Students

Name of the Course	% of students from the same state	% of students from other States	% of students from abroad
UG (Hons)	100%	-	-
UG (General)	100%	-	-

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.? NIL

29. Student progression

Student progression	Against % enrolled
UG to PG	70%
PG to M.Phil.	No Record
PG to Ph.D.	No Record
Ph.D. to Post-Doctoral	No Record
Employed • Campus selection • Other than campus recruitment	Nil
Entrepreneurship/Self-employment	Nil



30. Detailsof rastructuralfacilities:

- a) Library: **Central library & Departmental Library (Seminar Library)**
- b) Internet facilities for Staff & Students: **Yes**
- c) Class rooms with ICT facility : **Nil**
- d) Laboratories: **NA**

31. Numbe rof students receiving financial assistance from college, university, Government or other agencies:

Year	SC	ST	OBC	PWD
2013-14	03	-	03	-
2012-13	15	04	06	-
2011-12	12	01	09	-
2010-11	06	02	01	-

32. Details on student enrichment programmes (special lectures/workshops/

Seminar) with external experts:

- a) Extra Class
- b) Publication of Wall Magazine
- c) Departmental Field Work
- d) Class Test
- e) Providing Study Materials and Notes
- f) Remedial Coaching to the Backward Section of the Students

33. Teaching methods adopted to improve student learning:

- a) Audio-Visual aids (Film and Videos on Subject Related Topic)
- b) Case Study Method
- c) Group Discussion
- d) Co-operative learning
- e) Project based learning
- f) Direct Method
- g) Use of Teaching Models and Charts

34. Participation in Institutional Social Responsibility (ISR) and Extension activities:

1. Field Studies by Teachers & Students
 - a) Extension activities organized by the Panskura Banamali College NSS units (Blood Donation Camp)
 - b) Health Unit (Medical Camp)



c) Environmental Awareness Programme

35. ***SWOC analysis of the department and Future plans:***

SWOC analysis:

SWOC	ANALYSIS
Strength	<ul style="list-style-type: none"> a) Good numbers of meritorious students in our department b) 97% passing rate of the students c) Qualified, competent, dedicated faculty d) Departmental library e) Internet facilities for staff & student f) Organize Youth Parliament Programme
Weakness	<ul style="list-style-type: none"> a) Lack of sufficient Support staff b) Mostly first generation learners
Opportunity	<ul style="list-style-type: none"> a) To arrange more seminars b) To procure more books c) To arrange more extra classes
Challenges	<ul style="list-style-type: none"> a) To launch a departmental e-journal b) To ensure employability of all students c) To motivate maximum number of students in higher studies d) To make not only good students but also good citizens

Future plans:

Futureplans	<ul style="list-style-type: none"> a) To launch a Departmental Journal with ISSN numbers b) To launch a Departmental e-journal c) Career counseling and placement cell
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21.

DEPARTMENT OF SANSKRIT



21. DEPARTMENT OF SANSKRIT

1. *Name of the Department:* **DEPARTMENT OF SANSKRIT**
2. *Year of Establishment:*
 - a) Hons.- 2005-06,
 - b) Gen. - 1961
3. *Names of Programmes/ Courses offered (UG,PG,M.Phil.,Ph.D., Integrated Masters; Integrated Ph.D., etc.):* Sanskrit Honours & Sanskrit General
4. *Names of Interdisciplinary courses and the departments/units involved:* Nil
4. *Annual / semester / choice based credit system (programme wise):*
Honours & General : Internal Assessment & Annual system
6. *Participation of the department in the courses offered by other departments:* Nil
7. *Courses in collaboration with other universities, industries, foreign institutions, etc.:* Nil
8. *Details of courses/ programmes discontinued (if any) with reasons:* Nil
9. *Number of Teaching posts:*

Teaching Posts	Sanctioned	Filled
Professor	-	-
Associate professor	-	-
Assistant Professor	02	00
Part Time Teacher (Government Approved)	04	04
Guest teacher	03	03

10. *Faculty profile with name, qualification, designation, specialization, (D.Sc. /D.Litt. /Ph.D. /M.Phil .etc.,)*



Name	Qualification	Designation	Specialization	Experience (Yrs)	No. of Ph.D. Students guided For the last 4 years
Mrs. Mahuya Roy	MA,	Govt. Approved PTT	Kavya	12	Nil
Dr. Shibashis Chakraborty	MA, M.Phil, Ph.D	Govt. Approved PTT	Vyakaran	10	Nil
Mr. Subrata Kr. Manna	MA, M.Phil,	Govt. Approved PTT	Kavya	10	Nil
Mr. Kashinath Ram	MA,	Govt. Approved PTT	Kavya	9	Nil
Mrs. Sumati Gupta (Maity)	MA, B.Ed	Guest Teacher	Kavya	5	Nil
Mrs. Madhumita Patra	MA, B.Ed.	Guest Teacher	Philosophy	4	Nil
Mr. Prabir Maiti	MA, B.Ed, M.Phil	Guest Teacher	Kavya	3	Nil

11. *List of senior visiting faculty:* NIL

12. *Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty:*

2014-15

	Year	Total Classes (per Week)	Classes taken	% of Classes
UG (G)	1st yr	06	02	33%
	2 nd yr	05	01	20%
	3 rd yr	04	03	75%
UG (H)	1 st yr	19	07	36%
	2 nd yr	26	22	8%
	3 rd yr	28	06	21%



2013-14

	Year	Total Classes (per week)	Classes taken	% of Classes
UG (G)	1st yr	04	01	25%
	2 nd yr	09	06	66%
	3 rd yr	03	02	66%
UG (H)	1 st yr	18	09	50%
	2 nd yr	24	13	50%
	3 rd yr	23	10	43%

2012-13

	Year	Total Classes(per week)	Classes taken	% of Classes
UG(G)	1st yr	06	02	33%
	2 nd yr	06	02	33%
	3 rd yr	04	00	00%
UG(H)	1 st yr	15	06	40%
	2 nd yr	14	04	28%
	3 rd yr	14	05	35%

2011-12

	Year	Total Classes (per week)	Classes taken	% of Classes
UG (G)	1st yr	09	03	33%
	2 nd yr	08	05	40%
	3 rd yr	08	00	00%
UG (H)	1 st yr	24	10	41%
	2 nd yr	24	12	50%
	3 rd yr	26	05	19%



13. Student-Teacher Ratio (programme wise):

2014-15

	Year	No of Students	No. of Teachers	Ratio
UG (G)	1st yr	1358	07	194:1
	2 nd yr	854	07	122:1
	3 rd yr	450	07	64:1
UG (H)	1 st yr	50	07	7:1
	2 nd yr	39	07	6:1
	3 rd yr	41	07	6:1

2013-14

	Year	No of Students	No. of Teachers	Ratio
UG (G)	1st yr	1359	07	194:1
	2 nd yr	973	07	139:1
	3 rd yr	519	07	74:1
UG (H)	1 st yr	46	07	7:1
	2 nd yr	41	07	6:1
	3 rd yr	31	07	5:1

2012-13

	Year	No of Students	No. of Teachers	Ratio
UG(G)	1st yr	1390	07	198:1
	2 nd yr	875	07	125:1
	3 rd yr	420	07	60:1
UG(H)	1 st yr	49	07	7.00
	2 nd yr	42	07	6.00
	3 rd yr	31	07	5:1



2011-12

	Year	No of Students	No. of Teachers	Ratio
UG(G)	1st yr	1376	07	196:1
	2 nd yr	1277	07	182:1
	3 rd yr	545	07	77:1
UG(H)	1 st yr	48	07	7:1
	2 nd yr	37	07	5:1
	3 rd yr	44	07	6:1

14. Number of academic supportstaff (technical) and administrative staff; sanctioned and filled: Nil
15. *Qualifications of teaching faculty with DSc /D.Litt / Ph.D/ MPhil/ PG:*

Sl No.	Name of the Teacher	PG	M Phil	PhD	D Lit	D Sc
1.	Mrs.Mahuya Roy	✓	-	-	-	-
2.	Dr.ShibashisChacraborty	✓	✓	✓	-	-
3.	Mr.Subrata Kr. Manna	✓	✓	-	-	-
4.	Mr.Kashinath Ram	✓	-	-	-	-
5.	Mrs.Sumati Gupta (Maiti) (G.L)	✓	-	-	-	-
6.	Mrs. Madhumita Patra (G.L)	✓	-	-	-	-
7.	Mr. Prabir Maiti (G.L)	✓	✓	-	-	-

16. *Number of faculty with on going projects from a) National b) International funding agencies and grants received: Nil*
17. *Departmental projects funded by DST-FIST; UGC, DBT, ICSSR, etc.and total grants received: Nil*
18. *Research Centre /facility recognized by the University: Nil*
19. *Publications: Nil*

1. Publication per faculty

- a) Number of papers published in peer reviewed journals (national / international) by faculty and students



- b) Number of publications listed in International Database(For Eg:Web of Science,Scopus,Humanities International Complete,Dare Database-International Socia lSciences Directory,EBSCO host,etc.)
- c) Monographs
- d) Chapter in Books
- e) Books Edited
- f) Books with ISBN/ISS Nnumbers with details of publishers
- g) Citation Index
- h) SNIP
- i) SJR
- j) Impact factor
- k) h-index

Faculty	a	b	c	d	e	f	g	h	i
Mrs.Mahuya Roy	-	-	-	-	-	-	-	-	-
Dr.Shibashis Chacraborty	-	-	-	-	-	-	-	-	-
Mr.Subrata Kr. Manna	-	-	-	-	-	-	-	-	-
Mr.Kashinath Ram	-	-	-	-	-	-	-	-	-
Mrs.Sumati Gupta(Maiti)	-	-	-	-	-	-	-	-	-
Mrs.Madhumita Patra	-	-	-	-	-	-	-	-	-
Mr.Prabir Maiti	-	-	-	-	-	-	-	-	-

20. *Areas of consultancy and income generated:* Nil

21. *Faculty as members in:* Nil

- a) National committees
- b) International Committees
- c) Editorial Boards....

22. *Student projects:*

a) *Percentage of students who have done in-house projects including inter departmental/ Programme:*

Course	Paper	% of Student are involved
UG(H)	Nil	Nil
UG (Gen)	Nil	Nil



- b) *Percentage of students placed for projects in organizations out side the institution i.e. in Research laboratories / Industry / other agencies: Nil*

23. *Awards / Recognitions received by faculty and students: Students received awards from the college for good academic and extra curricular performances.*

24. *List of eminent academicians and scientists / visitors to the department:*

-- Nil

25. *Seminars / Conferences / Workshops organized & the source of funding a) National : -- Nil*

26. *Student profile programme / course wise:*

Name of the Course/programme (refer question no. 4)	Applications received		Selected	Enrolled		Pass percentage
				*M	*F	
Sanskrit (Hons)	14-15	320	50	11	39	92.05
	13-14	371	46	08	38	85.71
	12-13	450	49	19	30	84.61
	11-12	817	48	17	31	90.00

M=Male F=Female

27. *Diversity of Students*

Name of the Course	% of students from the same state	% of students from other States	% of students from abroad
UG (Hons)	100%	-	-
UG (General)	100%	-	-

28. *How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.?*

29. *Student progression*

Student progression	Against % enrolled
UG to PG	
PG to M.Phil.	Record not available



PG to Ph.D.	Record not available
Ph.D. to Post-Doctoral	Record not available
<p style="text-align: center;">Employed</p> <ul style="list-style-type: none"> • Campus selection • Other than campus recruitment 	Record not available
Entrepreneurship/Self-employment	Record not available

30. Details of Infrastructural facilities:

- a) Library: **Central & Departmental Library(SeminarLibrary)**
- b) Internet facilities for Staff & Students: **No**
- c) Class rooms with ICT facility: **No**
- d) Laboratories: **No**

31. Number of students receiving financial assistance from college, university, government or other agencies:

The students belonging to minority groups and belonging to SC, ST and OBC categories receive scholarship from Govt. The girls belonging to BPL category are receiving financial assistance under *Kanyashree Prakalpo* from state government.

	SC	ST	OBC	Minority	Total
2013-14	16	03	03	02	24
2012-13	17	05	07	03	32
2011-12	20	04	00	05	29
2010-11	09	04	03	06	22

32. Details on student enrichment programmes (special lectures / workshops /Seminar) with external experts:

- a) Special Lecturer for honours Students
- b) Extra Class
- c) Cultural Programme
- d) Teacher's Day Celebration
- e) Publication of Wall Magazine
- f) Class Test
- g) Providing Study Materials and Notes
- h) Fresher's Welcome Programme
- i) Farewell Programme



- j) Sports Encouragement
- k) Remedial Coaching to the Backward Section of the Students

33. Teaching methods adopted to improve student learning.

- a) Co-operative learning
- b) Direct Method
- c) Indirect Method
- d) Use of Teaching Models and Charts

34. Participation in Institutional Social Responsibility (ISR) and Extension activities:

The teacher and students participate in the institutional responsibilities and extension activities organized by NSS unit (i.e., blood donation camp, medical camp to students' environmental awareness camp etc.)

35. SWOC analysis of the department and Future plans.

STRENGTH	<ul style="list-style-type: none"> a) The department have two permanent teachers, two government approved teachers and one guest teacher; b) The students are regular, sincere and also obedient; c) High student –teacher ratio; d) Computer with internet facilities; e) Active cooperation of the teachers.
WEAKNESS	<ul style="list-style-type: none"> a) Only few students are in honours course; b) Students generally come from Bengali medium school. They are very poor in English and mathematics;
OPPORTUNITY	<ul style="list-style-type: none"> a) There is a scope for formulating a career counseling cell; b) To link with other related departments like geography, mathematics etc.; c) Data bank may be developed for further use in related areas.
CHALLENGES	<ul style="list-style-type: none"> a) It is a great challenge for the survival of the department as the number of students are gradually falling; b) The scope of employment is very much limited; c) Students are very much afraid of mathematical approach of economics.

**FUTUREPLANS:**

Futureplans	<ul style="list-style-type: none">a) To launch a departmental journal with ISSN numbersb) To launch a departmental e-journalc) Career counseling and placement celld) Language laboratorye) Proposal for conducting Ph.D work at the department.
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22.

DEPARTMENT OF SANTALI



22. DEPARTMENT OF SANTALI

1. *Name of the Department:* **DEPARTMENT OF SANTALI**
2. *Year of Establishment:* **2005**
3. *Names of Programmers /Courses offered (UG, PG, M.Phil., Ph.D. Integrated Masters; Integrated Ph.D., etc.):*
 - a) UG (General):2005-06
 - b) UG (Hons.) (2005-06)
4. *Names of Interdisciplinary courses and the departments/units involved:*
Nil
5. *Annual/semester/choice based credit system (programme wise):*
Annual with Internal assessment
6. *Participation of the department in the courses offered by other departments:* **Nil**
7. *Courses in collaboration with other universities, industries, foreign institutions, etc.:* **Nil**
8. *Details of courses / programmes discontinued (if any) with reasons:* **Nil**
9. *Number of Teaching posts:*

Teaching Posts	Sanctioned	Filled
Professors	-	-
Associate Professors	-	
Asst. Professors	01	00
PTT(Govt. approved)	02	02
Guest Lecturer(GB approved)	02	02
CWTT (Govt. Approved)	00	00



10. *Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt./Ph.D./M.Phil. etc.)*

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D. students guided For the last
Sri Narayan Chandra Murmu	M.A.	PTT (Govt. Approved)	-	9yrs.	Nil
Sri Raghunath Murmu	M.A.	PTT (Govt. Approved)	-	8yrs.	Nil
Sri Sushil Tudu	M.A.	GL (GB Approved)	-	2yrs.	Nil
Sri Raju Kisku	M.A.	GL (GB Approved)	-	1yr.	Nil

11. *List of senior visiting faculty:* Nil
 12. *Percentage of lectures delivered and practical classes and handled (programme wise) By temporary faculty:*

2014-15

	Year	Total Classes (per Week)	Classes taken	%of Classes
UG (G)	1 st yr.	05	02	40%
	2 nd yr.	05	02	40%
	3 rd yr.	02	01	50%
UG (H)	1 st yr.	13	06	50%
	2 nd yr.	16	07	44%
	3 rd yr.	14	06	43%

2013-14

	Year	Total Classes (per week)	Classes taken	%of Classes
UG (G)	1 st yr.	05	02	40%
	2 nd yr.	05	02	40%
	3 rd yr.	02	01	50%
UG (H)	1 st yr.	13	06	50%
	2 nd yr.	16	07	44%
	3 rd yr.	14	06	43%



2012-13

	Year	Total Classes (per week)	Classes taken	%of Classes
UG (G)	1 st yr.	05	00	00%
	2 nd yr.	05	00	00%
	3 rd yr.	02	00	00%
UG (H)	1 st yr.	13	00	00%
	2 nd yr.	16	00	00%
	3 rd yr.	14	00	00%

2011-12

	Year	Total Classes (per week)	Classes taken	%of Classes
UG (G)	1 st yr.	05	00	00%
	2 nd yr.	05	00	00%
	3 rd yr.	02	00	00%
UG (H)	1 st yr.	13	00	00%
	2 nd yr.	16	00	00%
	3 rd yr.	14	00	00%

13. *Student-Teacher Ratio (programme wise):*

2014-15

	Year	No of Students	No. of Teachers	Ratio
UG(G)	1 st yr.	55	04	14:1
	2 nd yr.	29	04	7:1
	3 rd yr.	11	04	3:1
UG(H)	1 st yr.	36	04	9:1
	2 nd yr.	33	04	8:1
	3 rd yr.	25	04	6:1



2013-14

	Year	No of Students	No. of Teachers	Ratio
UG(G)	1 st yr.	38	04	9:1
	2 nd yr.	42	04	10:1
	3 rd yr.	17	04	4:1
UG(H)	1 st yr.	42	04	10:1
	2 nd yr.	39	04	10:1
	3 rd yr.	35	04	9:1

2012-13

	Year	No of Students	No. of Teachers	Ratio
UG(G)	1 st yr.	48	02	24:1
	2 nd yr.	20	02	10:1
	3 rd yr.	11	02	6:1
UG(H)	1 st yr.	47	02	24:1
	2 nd yr.	34	02	17:1
	3 rd yr.	13	02	7:1

2011-12

	Year	No of Students	No. of Teachers	Ratio
UG (G)	1 st yr.	27	02	14:1
	2 nd yr.	27	02	14:1
	3 rd yr.	21	02	11:1
UG (H)	1 st yr.	38	02	19:1
	2 nd yr.	41	02	20:1
	3 rd yr.	23	02	12:1

14. *Number of academic support staff (technical) and administrative staff sanctioned and filled: Nil*



15. ***Qualifications of teaching faculty with D.Sc. /D.Lit. /Ph.D. / MPhil/ PG***

Sl. No	Name of the Teacher	PG	M Phil	PhD	D Lit	D Sc
1.	Sri Narayan Chandra Murmu	✓	-	-	-	-
2.	Sri Raghunath Murmu	✓	-	-	-	-
3.	Sri Sushil Tudu	✓	-	-	-	-
4.	Sri Raju Kisku	✓	-	-	-	-

16. ***Number of faculty with ongoing projects from a) National b) International funding agencies and grants received: Nil***

17. ***Departmental projects funded by DST-FIST; UGC, DBT, ICSSR, etc. and total grants received: Nil***

18. ***Research Centre/facility recognized by the University: NIL***

19. ***Publications: Nil***

1. Publication per faculty

f) Number of papers published in peer reviewed journals (national / international) by faculty and students

g) Number of publications listed in International Database(For Eg:Web of Science,Scopus,Humanities International Complete,Dare Database-International Socia lSciences Directory,EBSCO host,etc.)

l) Monographs

m) Chapter in Books

n) Books Edited

o) Books with ISBN/ISS Nnumbers with details of publishers

p) Citation Index

q) SNIP

r) SJR

s) Impact factor

t) h-index

20. ***Areas of consultancy and income generated: NIL***

21. ***Faculty as members in: NIL***

a) National committees

b) International Committees

c) Editorial Boards....

22. ***Student projects:***

a) Percentage of students who have done in-house projects including



inter Departmental / Programme:

- b) Percentage of students placed for projects in organizations outside the institution i.e. in Research laboratories/Industry/ other agencies: **NIL**

23. **Awards/Recognitions received by faculty and students:**

Rank Holder's Name of Santali Department in Vidyasagar University

Year	Name of the Students	Rank 1 to 10	No. of Students
2011	i) Tikram Tudu	1	5
	ii) Jogendranath Murmu	3	
	iii) Sovaram Saren	6	
	iv) Alope Saren	7	
	v) Pabitra Hembram	9	
2012	i) Shila Baske	1	5
	ii) Fudan Saren	4	
	iii) Shyamali Majhi	5	
	iv) Lakman Saren	6	
	v) Rinku Murmu	9	
2013	i) Shrabani Hansda	2	4
	ii) Tanushree Shing	4	
	iii) Subhajit Giri	5	
	iv) Sunil Kisku	7	
2014	i) Luski Saren	1	7
	ii) Rilamala Hembram	1	
	iii) Indubhusan Mandi	2	
	iv) Shyاملal Hansda	5	
	v) Manindranath Murmu	7	
	vi) Somashree Bag	7	
	vii) Bimal Besra	8	

24. **List of eminent academicians and scientists/visitors to the department:** Nil

25. **Seminars/Conferences/Workshops organized & the source of funding**

A) National. B) International: **Nil.**

26. **Student profile programme / course wise:**

Name of the Course/ programme (refer question no. 4)	Applications received		Selected	Enrolled		Pass (%)
				M	F	
Santali (Hons)	2011	101	38	26	12	100
	2012	103	47	30	17	96.96
	2013	105	42	27	15	100
	2014	65	36	23	13	96.66

M=Male F=Female



27. Diversity of Students

Name of the Course	% of students from the same state	% of students from other States	% of students from abroad
UG (Hons)	100%	-	-
UG(General)	100%	-	-

28. *How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.? : Nil*

29. Student progression

Student progression	Against % enrolled
UG to PG	70%
PG to M.Phil.	No Record
PG to Ph.D.	No Record
Ph.D.to Post-Doctoral	No Record
Employed • Campus selection • Other than campus recruitment	Nil
Entrepreneurship/Self-employment	Nil

30. Details of Infrastructural facilities:

- Library: Central Library
- Internet facilities for Staff & Students: **No**
- Classroom with ICT Facility: **No**
- Laboratories: **No**

31. Number of students receiving financial assistance from college, university, Government or other agencies:

Year	SC	ST	OBC	PWD	Minority Scholarship
2013-14	05	35	02	00	00
2012-13	46	08	10	00	00
2011-12	00	84	02	00	00
2010-11	03	52	00	00	00



32. ***Details on student enrichment programmers (special lectures / workshops / seminar) with external experts:***
- Extra Class
 - Teacher's Day Celebration
 - Publication of Wall Magazine
 - Departmental Tour
 - Class Test
 - Providing Study Materials and Notes
 - Fresher's Welcome Programme
 - Farewell Programme
 - Sports Encouragement
33. ***Teaching methods adopted to improve student learning:***
- Group Discussion
 - Co-operative learning
 - Direct Method
 - Use of Teaching Models and Charts
34. ***Participation in Institutional Social Responsibility(ISR) and Extension activities:***
- Field Studies by Teachers & Students
 - Health Unit (Medical Camp)
 - 3 Environmental Awareness Programme
 - Cultural Programme
35. ***SWOC analysis of the department and Future plans:***

SWOC analysis:

Strength	<ol style="list-style-type: none"> Promising Result In Vidyasagar University 97% passing rate of the students Promote Traditional culture
Weakness	<ol style="list-style-type: none"> Lack of sufficient teaching staff Need of composing Mostly first generation learners with rural background
Opportunity	<ol style="list-style-type: none"> To arrange seminars To procure more books To arrange more extra classes



Challenges	<ul style="list-style-type: none">a) To ensure employability of the studentsb) To motivate maximum number of students in research workc) To make not only good students but also good citizens
Future plans	<ul style="list-style-type: none">a) To launch a departmental journal with ISSN numbersb) To launch a departmental e-journalc) Career counseling and placement cell

23.

DEPARTMENT OF ZOOLOGY



23. DEPARTMENT OF ZOOLOGY

1. *Name of the Department* : **DEPARTMENT OF ZOOLOGY**
2. *Year of Establishment*: **1983**
3. *Names of Programmes/ Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.):* **UG(General:1983-84, Hons:1999-2000)**
4. *Names of Interdisciplinary courses and the departments/units involved:*
NA
5. *Annual/ semester/ choice based credit system (programme wise):*
UG Section (Hons & General) : Annual
6. *Participation of the department in the courses offered by other departments:* **NA**
7. *Courses in collaboration with other universities, industries, foreign institutions, etc.:* **NA**
8. *Details of courses/programmes discontinued (if any) with reasons:* **NA**
9. *Number of Teaching posts:* **7**

Teaching Posts	Sanctioned	Filled
1. Professors	-	-
2. Associate Professors	-	-
3. Asst. Professors	02	01
4. PTT (Govt. approved)	04	04
5. UG-Guest Lecturer	03	03
6. (GB approved)		
7. CWTT (Govt. approved)	00	00



10. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt. /Ph.D. /M. Phil. Etc...)

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D. Students guided for the last 4 years
Dr. Mrinmay Ghorai	Ph. D.	Asst. Professor	Fisheries	05 years	Nil
Biswajit Paul	M.Sc., M. Phil.	Part Time Teacher (UG)	Ecology	12 years	Nil
Sangita Das Maitra	M.Sc.	Part Time Teacher (UG)	Cytogenetics & Molecular Biology	07 years	Nil
Avishek Samanta	M.Sc.	Part Time Teacher (UG)	Cytogenetics & Molecular Biology	07 years	Nil
Samir Ranjan Pattanayak	M.Sc.	Part Time Teacher (UG)	Ecology	06 years	Nil
Mousumi Dutta	M.Sc.	Guest Teacher (UG)	Fisheries	02 year	Nil
Dr. Manashi Debnath	M.Sc., Ph.D.	Guest Teacher	Entomology	02 year	Nil
Sanjib Kumar Sardar	M.Sc., NET, GATE	Guest Teacher (UG)	Immunology and Parasitology	02 year	Nil

11. List of senior visiting faculty:

Sl No.	Name	Designation	Institution
1.	Prof. Bidhan Chandra Patra	Professor, Dean of Science	Vidyasagar University
2.	Dr. Sidhartha Bhattacharya	Asst. Professor	Uluberia college
3.	Prof. Joyanta Kumar Kundu	Professor	Vidyasagar University
4.	Biblab Mandal	Asst. Professor	Vidyasagar University



12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty:

2014-15

	Year	Total Classes	Classes taken	%of Classes
UG (Gen.)	1 st yr.	19	11	58%
	2 nd yr.	19	05	26%
	3 rd yr.	10	05	50%
UG (Hons.)	1 st yr.	23	11	48%
	2 nd yr.	27	07	26%
	3 rd yr.	27	10	37%

2013-14

	Year	Total Classes	Classes taken	%of Classes
UG (G)	1 st yr.	04	03	75%
	2 nd yr.	05	04	80%
	3 rd yr.	03	01	33%
UG (H)	1 st yr.	13	03	23%
	2 nd yr.	18	05	28%
	3 rd yr.	19	04	21%

2012-13

	Year	Total Classes	Classes taken	%of Classes
UG (G)	1 st yr.	19	06	31%
	2 nd yr.	16	04	21%
	3 rd yr.	11	04	36%
UG (H)	1 st yr.	21	04	19%
	2 nd yr.	26	08	31%
	3 rd yr.	25	03	12%

2011-12

	Year	Total Classes	Classes taken	%of Classes
UG (G)	1 st yr.	19	05	26%
	2 nd yr.	19	01	05%
	3 rd yr.	13	00	00%
UG (H)	1 st yr.	19	01	05%
	2 nd yr.	23	02	09%
	3 rd yr.	24	01	04%



13. Student-Teacher Ratio (programme wise):

2014-15

	Year	No of Students	No. of Teachers	Ratio
UG (G)	1 st yr.	288	7	41:1
	2 nd yr.			
	3 rd yr.			
UG (H)	1 st yr.	50	8	6:1
	2 nd yr.			
	3 rd yr.			

2013-14

	Year	No of Students	No. of Teachers	Ratio
UG (G)	1 st yr.	241	05	48:1
	2 nd yr.			
	3 rd yr.			
UG (H)	1 st yr.	34	07	5:1
	2 nd yr.			
	3 rd yr.			

2012-13

	Year	No of Students	No. of Teachers	Ratio
UG (G)	1 st tr.	173	05	35:1
	2 nd yr.			
	3 rd yr.			
UG (H)	1 st yr.	40	06	7:1
	2 nd yr.			
	3 rd yr.			

2011-12

	Year	No of Students	No. of Teachers	Ratio
UG (G)	1 st yr.	148	07	21:1
	2 nd yr.			
	3 rd yr.			
UG (H)	1 st yr.	40	06	7:1
	2 nd yr.			
	3 rd yr.			



14. *Number of academic support staff (technical) and administrative staff; sanctioned and filled:* 2, (1 Permanent skilled lab attendant) & (1 appointed by the college on temporary basis)

15. *Qualifications of teaching faculty with D.Sc./D.Litt./Ph.D./MPhil /PG:*

Sl. No.	Name of the Teacher	PG	M Phil	PhD	D Lit	D Sc.
1.	Dr. Mrinmay Ghorai	✓	-	✓	-	-
2.	Biswajit Paul	✓	✓	-	-	-
3.	Sangita Das Maitra	✓	-	-	-	-
4.	Avishek Samanta	✓	-	-	-	-
5.	Samir Ranjan Pattanayak	✓	-	-	-	-

16. *Number of faculty with ongoing projects from a) National b) International funding agencies and grants received:* 1 (Project received from UGC)

17. *Departmental projects funded by DST - FIST; UGC, DBT, ICSSR, etc. and total grant Received:* Project funded by UGC

Amount Received	Purpose of Grant	Sanction number and date
Rs. 1,40,830.00	Minor Research Project in Science.	PSW-97/12-13(ERO) DATE-05.02.2013

18. *Research Centre /facility recognized by the University:* N.A.

19. *Publications:*

1. Publication per faculty (in local journals)
 - a) Number of papers published in peer reviewed journals (national /international) by faculty and students
 - b) Number of publications listed in International Database (For Eg: Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)
 - c) Monographs
 - d) Chapter in Books
 - e) Books Edited
 - f) Books with ISBN/ISSN numbers with details of publishers
 - g) Citation Index
 - h) SNIP



- i) SJR
- j) Impact factor
- k) h-index

Name	a	b	c	d	e	f	g	h	i	j	k	l
Dr. Mrinmay Ghorai		4										
Biswajit Paul												
Sangita Das Maitra												
Avishek Samanta												
Samir Ranjan Pattanayak												
Mousumi Dutta												
Dr. Manashi Debnath		4										
Sanjib Kumar Sardar												

20. *Areas of consultancy and income generated:* NA
21. *Faculty as members in:* NA
- a. National committees - (Life member in Indian Science Congress; Membership No-L21161).
 - b. International Committees
 - c. Editorial Boards....
22. *Student projects:*
- a) Percentage of students who have done in-house projects including inter departmental/ Programme: NA
 - b) Percentage of students placed for projects in organizations outside the institution *i.e.* in Research laboratories/Industry/ other agencies: NA
23. *Awards / Recognitions received by faculty and students:* Nil
24. *List of eminent academicians and scientists/visitors to the department:* N.A.
25. *Seminars/ Conferences/Workshops organized & the source of funding:*
- a) National
 - b) International: Nil
26. *Student profile programme /course wise:*



Name of the Course/programme (refer question no. 4)	Applications received		Selected	Enrolled		Pass percentage
				M	F	
Zoology (Hons.)	14-15	778	50	20	30	94.40
	13-14	598	34	13	21	84.20
	12-13	485	40	17	23	100.00
	11-12	478	40	18	22	92.00
Zoology (Gen)	14-15	288	288			98.10
	13-14	241	241			97.30
	12-13	173	173			92.30
	11-12	148	148			97.10

M = Male F = Female

27. Diversity of Students:

Name of the Course	% of students from the same state	% of students from other States	% of students from abroad
UG (Hons)	100%	-	-
UG(Gen)	100%	-	-

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.?

29. Student progression:

Student progression	Against % enrolled
UG to PG	60
PG to M.Phil.	NA
PG to Ph.D.	NA
Ph.D. to Post-Doctoral	NA
Employed	
• Campus selection	NA
• Other than campus recruitment	
Entrepreneurship/Self-employment	NA



30. Details of Infrastructural facilities:

- a) Library: **Central Library & Departmental library**
- b) Internet facilities for Staff & Students: **Yes**
- c) Class rooms with ICT facility: **No**
- d) Laboratories: **2 laboratories + 1laboratory cum museum**

31. Number of students receiving financial assistance from college, university, Government or other agencies:

Year	SC	ST	OBC	PH	Minority	Merit-Cum-Means
2013-14	9	1	1	-	5	-
2012-13	5	1	2	-	3	3
2011-12	2	1	5	-	3	-
2010-11	6	2	3	-	2	-

32. Details on student enrichment programmes (special lectures / workshops /seminar) with external experts:

- a) Extra Class
- b) Teacher's Day Celebration
- c) Departmental Tour
- d) Class Test
- e) Providing Study Materials and Notes
- f) Fresher's Welcome Programme
- g) Farewell Programme
- h) Sports Encouragement
- i) Remedial Coaching to the Backward Section of the Students

33. Teaching methods adopted to improve student learning:

- a) Power Point Presentation
- b) Co-operative learning
- c) Model adopted
- d) Direct Method
- e) Indirect Method



34. *Participation in Institutional Social Responsibility (ISR) and Extension activities:*

1. Educational Excursion by Teachers & Students

35. *SWOC analysis of the department and Future plans:*

SWOC analysis:

SWOC	ANALYSIS
Strength	<ul style="list-style-type: none"> a) Good numbers of intelligent students in our department b) Above 90% passing rate of the students c) Qualified, competent, dedicated faculty d) Departmental Lab. e) Internet facilities for staff & student
Weakness	<ul style="list-style-type: none"> a) Lack of trained laboratory non-teaching staff b) Need of campus interview for placement c) Being a rural college a number of students are coming from very poor background d) Absence of Computer skill non teaching staff e) Mostly first generation learners with rural background f) Need of more subject books for library
Opportunity	<ul style="list-style-type: none"> a) Career counseling b) Interdisciplinary studies c) To procure more books d) To arrange more extra classes
Challenges	<ul style="list-style-type: none"> a) To launch a departmental e-journal b) Entrepreneurship develop c) To ensure self-employability of maximum number of students d) To motivate maximum number of students in higher education e) To make not only good students but also good citizens

**FUTURE PLANS:**

Future plans	<ul style="list-style-type: none">a) To launch a departmental journal with ISSN numbersb) To launch a departmental e-journalc) Departmental smart class roomd) Interdisciplinary studiese) PG course opening
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24.

**TEACHERS' TRAINING SECTION
(B.ED.)**



24. TEACHERS' TRAINING SECTION (B.ED.)

The Self-evaluation of every department may be provided separately in about 3-4 pages, avoiding the repetition of the data.

1. ***Name of the Department:*** TEACHERS' TRAINING SECTION (B.ED.)
2. ***Year of Establishment:*** 1967
3. ***Names of Programmes/Courses offered (UG, PG, M. Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.) :*** Professional Training Course (B.Ed.)
4. ***Names of Interdisciplinary courses and the departments/units involved:*** Fully Interdisciplinary.
5. ***Annual/semester/choice based credit system (programme wise):*** Semester (4 Semesters)
6. ***Participation of the department in the courses offered by other departments***
: NA
7. ***Courses in collaboration with other universities, industries, foreign institutions, etc. :***
 - a) One year Teachers' Training Programme, D.L.Ed. (Bridge Course) of Primary School Board, Government of West Bengal, 2012-13
 - b) Two years B.Ed. (ODL) Teachers Training Course of Netaji Subhas Open University, Kolkata from 2013 – 15.
10. ***Details of courses /programmes discontinued (if any) with reasons :***
2005-06 : Due to unavailability of NCTE Recognition
11. ***Number of Teaching posts:***

Teaching Posts	Sanctioned	Filled
Professors	NIL	NA
Associate Professors	NIL	NA
Asst. Professors	08	04



Contractual Whole-Time Teacher (CWTT) (Government Approved)	03	04*
*One Teacher is appointed on full-Time basis following the NCTE Norms to meetup the specified Teachers Educatores number (Governing Body Approved). Numbers of experienced guest teachers appointed as and when needs		

10. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt./Ph.D./M. Phil. etc.,)

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D. Students Guided for the last 4 years
1. Dr. Tapan Kr. Dutta	M.A.; M.Sc.; Ph.D.	Assistant Professor & Head	Fisheries; Enzymology Ecophysiology, Educational technology	15+	Ph.D. – NIL M.Phil. - 01
2. Mrs. Bijali De	M.A; M.Ed.; M.Phil.	Assistant Professor (Bengali)	Bengali Literature of Middle Age	14+	NA
3. Mrs. Anushri Dutta	M.A.; B.Ed.; M.Phil.	Assistant Professor (Education)	Mental Hygiene	7+	NA
4. Mr. Sibasis Jana	M.A.; M.Ed.	Assistant Professor (English)	Indian English Writing and American	5+	NA
5. Mr. Sankar Sarkar	M.A.; B.Ed. M.Phil.	CWTT	Mental Hygiene	8+	NA
6. Mr. Bansi Badan Sahu	M.A.; M.Ed.	CWTT	Environmental Education	5+	NA



7. Mrs. Shilpa Bhattacharya	M.A.; M.Ed.; M. Phil.	CWTT	American History	5+	NA
8. Mr. Asish Adak	M.A.; M.Ed.; M. Phil.	Whole Time Contractual Teacher	Rural Development	5+	NA

11. List of senior visiting faculty :

- Prof. (Dr.) Hrishikesh Senapati, Professor of Education, RIE, NCERT, Govt. of India
- Prof. (Dr.) L. D. Behera, RIE (NCERT), Bhubaneswar.
- Prof. (Dr.) Aditi Ghosh. Professor of Education, Calcutta University.
- Prof. (Dr.) Subhalaxmi Nandi, Professor of Education, Kalyani University,
- Prof. (Dr.) Asish Gupta, Principal, Sebayatan Shiskhan Mahavidyalaya, Jhargram, Paschim Medinipur.
- Prof. (Dr.) Pradipta Kr. Mishra, Principal, Institute for Education, Haldia, Purba Medinipur.
- Prof. (Dr.) Jotirmoy Nandi, Principal, Vidyasagar Teachers' Training College, Midnapore.
- Dr. Biswajit Sen, Associate Professor, Vidyasagar Teachers' Training College, Midnapore.
- Dr. Asish Dandapat, Associate Professor, Vidyasagar Teachers' Training College, Midnapore.

12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty:

Allotment of Theory / Practical Class to the Temporary / Guest Teacher

a) Mr. Pranabesh Fadiker

Practical class:

Academic Year	Total classes allotted	Classes taken	% of classes
2011-12	56	56	100%
2012-13	54	54	100%
2013-14	37	37	100%
2014-15	18	18	100%

**Theory class:**

Academic Year	Total classes allotted	Classes taken	% of classes
2011-12	65	65	100%
2012-13	98	98	100%
2013-14	76	76	100%
2014-15	64	64	100%

b). Anadi Charan Hatua**Practical class:**

Academic Year	Total classes allotted	Classes taken	% of classes
2011-12	00	00	Nil
2012-13	00	00	Nil
2013-14	00	00	Nil
2014-15	39	39	100%

Theory class:

Academic Year	Total classes allotted	Classes taken	% of classes
2011-12	86	86	100%
2012-13	134	134	100%
2013-14	125	125	100%
2014-15	131	131	100%

13. Student-Teacher Ratio (programme wise) :

Teacher	Students	Ratio
08	100	01:12.5



14. Number of academic support staff (technical) and administrative staff; sanctioned and filled:

Academic and Support staff			
Teaching Staff		Non-Teaching	
Sangtioned	Filled	Sangtioned	Filled
07	08*	02	01**
*One full time contractual teacher (GB approved)		**04 non-teaching staff appointed (GB approved)	

Note: one Teaching post and 04 non teaching post are filled (Governing Body Approved) following NCTE norms. Process has already been initiated to to appoint eight extra Teaching faculty (as Full Time Contractual Teacher) from the coming session as per the New NCTE Norms.

15. Qualifications of teaching faculty with D.Sc./D.Litt./Ph.D./M.Phil./PG.

Sl. No.	Name of the Teacher	PG	M Phil	PhD	D Lit	D Sc
1.	Dr. Tapan Dutta	✓	-	✓	-	-
2.	Mrs. Bijali De	✓	✓	-	-	-
3.	Mrs. Anusri Dutta	✓	✓	-	-	-
4.	By Mr. Sibasis Jana	✓	-	-	-	-
5.	Mr. Sankar Sarkar	✓	✓	-	-	-
6.	Mr. Bansi Badan Sahu	✓	-	-	-	-
7.	Mrs. Silpa Bhattacharya	✓	✓	-	-	-
8.	Mr. Ashis Adak	✓	✓	-	-	-

16. Number of faculty with ongoing projects from

a) National : 02

b) International funding agencies and grants received:

Dr. Tapan Kr. Dutta



Sl. No.	Name of Project	Sanctioned amount	Duration	Sponsoring Agencies
1.	A study on aquatic insect diversity in Paschim Midnapore district, West Bengal	Rs. 1.94 lakhs	Two years Sanctioned memo no. PSW-172/11-12 (ERO) DT. 25-01.2012	U.G.C., Government of India
2.	<i>Freshwater Fishes of Purba and Paschim Medinipur District</i> under total project on Documentation of Diversity of Freshwater Fishes of West Bengal	Rs. 3.90 Lakhs	Two years Sanctioned memo no. 239/3K(bio)-2/2013, dt. 22-04-2013	The West Bengal Biodiversity Board, Government of West Bengal (Ministry of Environment & Forest)

17. ***Departmental projects funded by DST-FIST; UGC, DBT, ICSSR, etc. and total grants received : Nil***

18. **Research Centre /facility recognized by the University: NA**

19. **Publications:**

- a) Publication per faculty
- b) Number of papers published in peer reviewed journals (national / international) by faculty and students:
- c) Number of publications listed in International Database (For Eg: Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.):
- d) Monographs
- e) Chapter in Books:
- f) Books Edited:
- g) Books with ISBN/ISSN numbers with details of publishers:
- h) Citation Index:
- i) SNIP:
- j) SJR:
- k) Impact factor:
- l) h-index:



Name	a	b	c	d	e	f	g	h	i	j	k	l
a) Dr. Tapan Kr. Dutta	13	11	08	01	04	01	-	3.6	03	-	4.2	-
b) Mrs. Bijali De	02	01	-	-	01	-	-	-	-	-	-	-
c) Mrs. Anushri Dutta	04	01	-	-	03	-	-	-	-	-	-	-
d) Mr. Sibasis Jana	04	04	-	-	08	-	-	-	-	-	-	-
e) Sankar Sarkar	-	-	-	-	01	-	-	-	-	-	-	-
f) Bansi Badan Sahu	-	01	-	-	01	-	-	-	-	-	-	-
g) Mrs. Shilpa Bhattacharyya	01	01	-	-	01	-	-	-	-	-	-	-
h) Mr. Asish Adak	-	01	-	-	01	-	-	-	-	-	-	-

20. Areas of consultancy and income generated : NIL

21. Faculty as members in : NIL

- a) National committees : NIL
- b) International Committees : NIL
- c) Editorial Boards : NIL

22. Student projects:

- a) Percentage of students who have done in-house projects including interdepartmental programme : NIL
- b) Percentage of students placed for projects in organizations outside the institution i.e., in Research laboratories/Industry/ other agencies : NIL

23. Awards/Recognitions received by faculty and students: NIL

24. List of eminent academicians and scientists / visitors to the department:

- a) Prof. (Dr.) Ranjan Chakraborti, Hon'ble Vice-Chancellor, Vidyasagar University,
- b) Prof. (Dr.) Hrishikesh Senapati, Professor of Education, RIE, NCERT, Govt. of India
- c) Prof. (Dr.) Atindra Nath Dey, Director, School of Education, NSOU, and ADPI, Govt. of West Bengal
- d) Prof. Dr. Tanmay Bhattacharyya, Retired Professor of Zoology,



Vidyasagar University, Midnapore.

- e) Prof. (Dr.) L. D. Behera, RIE (NCERT), Bhubaneswar.
- f) Prof. (Dr.) Benudhar Chinara, Professor of Education, Viswabharati University.
- g) Prof. (Dr.) Dulal Mukhopadhyay, Professor of Education, Kalyani University.
- h) Prof. (Dr.) Aditi Ghosh. Professor of Education, Calcutta University.
- i) Prof. (Dr.) Subhalaxmi Nandi, Professor of Education, Kalyani University,
- j) Prof. (Dr.) Susanta Kr. Chakraborty, Professor of Zoology, Vidyasagar University, Midnapore.
- k) Prof. (Dr.) Asish Gupta, Principal, Sebayatan Shiskhan Mahavidyalaya, Jhargram, Paschim Medinipur.
- l) Prof. (Dr.) Anil Bhunimali, Hon'ble Vice-Chancellor, Raiganj University
- m) Prof. (Dr.) Viswa Venkat Gantait, Scientist, Zoological Survey of India

25. Seminars/Conferences/Workshops organized & the source of funding

a) National:

1. National Seminar on “*Recent Advances in Constructivism at the teachers’ Education in the perspectives of Social Importance*” funded by UGC-ERC, Govt. of India.

b) International: Nil.

26. Student profile programme/course wise:

Name of the Course/programme (refer question no. 4)	Applications received	Selected	Enrolled		Pass percentage
			M	F	
Central Selection Procedure by Vidyasagar University					
2011-12		100	69	31	86.91
2012-13		100	63	37	98.23
2013-14		100	67	33	99
2014-15		100	56	44	96.81

M=Male F=Female



27. Diversity of Students

Name of the Course	% of students from the same state	% of students from other States	% of students from abroad
2011-12	100	NIL	NIL
2012-13	100	NIL	NIL
2013-14	100	NIL	NIL
2014-15	100	NIL	NIL

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.?

Year:	NET/SET	GATE	Central WBSSC
2011-12	02	01	14
2012-13	01	--	18
2013-14	03	01	--
3014-15	--	--	--

29. Student progression

Student progression	Against % enrolled
UG to PG	
PG to M. Phil.	
PG to Ph.D.	
Ph.D. to Post-Doctoral	
Employed	
• Campus selection	Nil
• Other than campus recruitment	YES (~23%)
Entrepreneurship/Self-employment	

30. Details of Infrastructural facilities

- a. Library: **YES with INFLIBNET-Nlist facilities along with E-Library**



b. Internet facilities for Staff & Students : **YES**

Both students and staff can avail computer and internet entire office period. all the. 3 computers in the office is is always in online. There is a dedicated PC for HoD also.

c. Class rooms with ICT facility : **YES**

There are two ICT enabled class room with Smart Board and in on line all the time. Students can access it as and when needed.

d. Laboratories:

- | | |
|--------------------------|--------------------------|
| 1. Life Sc. Lab. | : 20 Seating Capacity |
| 2. Geography Lab. | : 20 Seating Capacity |
| 3. Physical Sc. Lab. | : 20 Seating Capacity |
| 4. Work Education lab. | : 25 Seating Capacity |
| 5. ICT cum Language Lab. | : 30+1 Seating Capacity* |

*ICT cum Language laboratory is an audio-visual well equipped fully computerized room that helps to In our college we have Language Laboratory to train the students with smart language communication skills. 30 seating capacity ICT cum Language Laboratory is fully loaded with the compatible software to develop the language proficiency, soft communication skills (the listening skills, reading skills, writing skills, speaking skills and also related to professional development skills like guidance and counseling in different fields of education and professional engagement. Here we have innovative products such as digital multimedia control, wireless headsets and microphones, the interactive response pad, smart boards, computers, projectors etc. This laboratory also inbuilt with NVDA support software (Firmware of Microsoft) that can help to the VI learner / trainees students.

31. *Number of students receiving financial assistance from college, university, government or other agencies :*

2011-12	: PH – 1 Rs. 2,040/-
2014-15	: PH – 1 Rs. 2,040/-

32. *Details on student enrichment programmes (special lectures/ workshops/ seminar) with external experts : 03*

33. *Teaching methods adopted to improve student learning:*

- a) Heuristic Method



- b) Problem Solving Method
 - c) Brainstorming Method
 - d) Project Method
 - e) Inductive and Deductive Method
- Through **Concept Attainment Model** (CAM), Advanced Organizer Model (AOM) and Class Room Meeting Model (CRMM).

34. Participation in Institutional Social Responsibility (ISR) and Extension activities:

- a) Regular educational extension programme initiated bby the department as integral part of the syllabus. Health Awareness Programme, Blood Donation Camp, Science Exhibition, Different Community Development Programmes carried out on frequently.
- b) Talk delivered by Dr. Ttapan Kr. Dutta at Debra H. S. School, Khukurdaha H.S. School as aa part of NSS activity of our college.
- c) Series of lectures given on popular science *i.e. Extraterrestrial Intelligence, Alien Species, Biodiversty and threats to our Survival, Our planet, etc*
- d) Dr. Dutta also acted as Jury member at District Science Exhibition organized by District Inspector of school (Secondary Education), Govt of West Bengal.

35. SWOC analysis of the department and Future plans :

SWOC	ANALYSIS
Strength	<ul style="list-style-type: none"> a) Good numbers of intelligent students in our department b) Above 80% 1ST Class rate and more than 96% success rate of the students c) Eight dedicated faculty members.. d) Dedicated and experienced Laboratory Staff. e) Welequipped ICT cum language laboratory f) Five Departmental Lab. <i>Viz,</i> Life Science Lab., Physical Science Lab., Geography Lab., Work Education Lab. and Psychology lab. g) Internet facilities for staff & student in all the time even at the class room. h) Departmental Library withadequate numbers of text and reference book



Weakness	<ul style="list-style-type: none"> a) Scarcity of space b) No permanent non teaching staff c) To launch certificate course related to guidance and career counselling d) Being a rural college a number of students are coming from very poor background e) Need at least one Computer skilled non teaching staff f) Need of more reference and text books in the library
Opportunity	<ul style="list-style-type: none"> a) Interdisciplinary studies b) To arrange more extra classes c) To arrange for Training and Placement. d) To start certificate course specially on communication skill e) Guidance and counseling cell with more psychological assignments. f) Language laboratory with more courses and skills for professional developments with Career counseling
Challenges	<ul style="list-style-type: none"> a) To launch a departmental e-journal b) Entrepreneurship develop c) To ensure self-employability of maximum number of students d) To motivate maximum number of students in higher education e) To make not only good students but also good citizens

FUTURE PLANS:

Future plans	<ul style="list-style-type: none"> a) To launch a peer reviewed byannual interdisciplinary journal from department with ISSN numbers b) Opening M.Ed. course from the coming session. c) Organise workshop and seminar regular regular basis d) To activate physiological and psychological therapy cells. e) Proposal for conducting Ph.D work at the department by the faculty. f) To provide the students with Action Research projects. g) To introduce training courses on CELTA, DELTA, Spoken English Course, Yoga Course, and New Soft skills etc.
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ANNEXURE – 1 PUBLICATIONS

PUBLICATIONS OF B.ED. IN JOURNALS:

Dr. Tapan Dutta:

A) IN PROFESSIONAL JOURNALS (NATIONAL AND INTERNATIONAL):

1. Pahari, P. R. **Dutta, T. K.** and Bhattacharya, T. (1997). Aquatic insects of Midnapore district-I. (Insecta: Coleoptera: Dytiscidae). *VUJBS*, 3: 45-51.
2. Pahari, P. R., **Dutta, T. K.**, and Bhattacharya, T., (1999). Population dynamics of *Msocyclops thermocyclopoides* (Copepoda: Cyclopoida) in a pond in Midnapore, India. *J. Ecobiol.* 11(1): 53-58.
3. Pahari, P. R., **Dutta, T. K.**, and Bhattacharya, T., (1999). Aquatic Insects of Midnapore District-II (Coleoptera: Hydrophilidae). *V. U. Jr. Biological Sciences*, 4: 17-20.
4. **Dutta, T. K.** and Bhattacharya, T. (1999). Diffused Palmoplantar Keratoderma - A case study of dominant mutant type of congenital syndrome in Midnapore, India. *Curr. Sci.* 77(1): 101-103. E.source: www.ias.ac.in/currsci/jul10/articles7.htm
5. Pahari, P. R., **Dutta, T. K.** and Bhattacharya, T. (2000). Macrophytic and planktonic composition of two contrasting wetlands in Midnapore district. *Environment & Ecology*, 18: (1) 196-201.
6. Pahari, P., **Dutta, T. K.**, and Bhattacharya, T. (2002). *Brachionus* as a bioindicator of water quality. *Proc. Zool. Soc. Calcutta.* 55(2): 9-13.
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1. Bhattacharyya, S. & Sahu, B. B., (2012), *History Learning in the Light of Constructivism: An Analytical Discussion*, pp 285-292, In: Dr. Dutta, T. (Ed.): Constructivism in Education, pp 308, Kumud Publication, Delhi, ISBN: 978-93-82885-21-4

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Section - G

**APPROVAL OF COURSES BY
AFFILIATING UNIVERSITY**



Senate House,
CALCUTTA.

No.C/820/102 Affl.

Dated.....11.10., 1963..

FROM

AMITES CHANDRA BANERJI, M.A.,
INSPECTOR OF COLLEGES.

To

The Secretary,
Panskura Banamali College.

Sir,

With reference to your letters No. P.B.C.580/29 and P.B.C. 581/29 ~~both~~ dated 20.9.63 seeking extension of affiliation in Mathematics and Biology to the Pre-University standard and in English, Political Science and Mathematics to the B.A. Honours standard from the session 1964-65, I am to request you to kindly let this office know how far you have fulfilled the conditions as laid down in this office letter No. C/3054/102 Affl., dated 20.5.63 and in the inspection report dated 13.3.63 enclosed therewith.

On receipt of the above information the question of granting extension of affiliation in the above subjects will be taken up for consideration.

Yours, faithfully,

A. C. Banerji
Inspector of Colleges.

pkd.

PANSKURA BANARALI COLLEGE, PANSKURA

In pursuance of the orders of the Vice-Chancellor and Syndicate we inspected the Panskura Banarali College on February 27, 1965 and examined the claims of the College to extension of affiliation in Commercial Geography and Commercial Arithmetic and Book-keeping to the Pre-University standard and in Bengali and History to the B.A. Honours standard.

This College which came into being in 1961-62 has made good progress in course of a year and a half and is now affiliated to the B.A. and B.Sc. Pass standards. The institution owes its existence to the princely donations made by Sri Banarali Khatua who has already spent more than Rs.3,000,00/- (Rupees three lakhs) towards construction of the building and purchase of laboratory equipment and library books. Sri Khatua's son who is the Secretary to the Governing Body of the College has shown us a blind print for the proposed hostel building; the entire cost of the hostel building will be borne by Sri Khatua. This hostel building when completed will provide comfortable accommodation to those students who now reside in a rented building.

At the out-set we discussed with the management the financial implications of the proposal to go in for extension of affiliation in so many subjects all at a time in the second year of the life of the College. We particularly pointed out that the College will have to appoint eight additional whole-time lecturers in 1965-66 in subjects in which it is already affiliated. It will be a very risky enterprise on the part of the management to go in for such rapid expansion as contemplated before consolidating the arrangements for subjects in which it is already affiliated. At our suggestion the Secretary has readily agreed to drop his proposal for extension of affiliation in Commercial Geography and Commercial Arithmetic and Book-keeping to the Pre-University standard and in History to the B.A. honours standard for the present.

We, therefore, examined the prospect of introducing honours course in Bengali only. As the College has a roll strength of about 500 in the current session and as the Secretary has undertaken to bear the entire additional expenditure necessary for the introduction of honours course in Bengali, we have advised him to purchase books on Bengali worth Rs.4,500/- before the commencement of the session 1965-66. These, we have pointed out, should include four copies of each of the text and reference books recommended for the Bengali honours course. The Secretary has also expressed his willingness to ear-mark a separate room for the Bengali honours seminar. The seminar should be equipped with adequate furniture and books.

Name of college: Panskura Banamati College
 Address: P.O. - Panskura BS. Dist. - Midnapore
 PIN: 721152
 Shift: B.Ed. yr. of Estab. 1967-68
 Phone: Principal: _____ Office: Pam 22
 Name of Treasury: Tamluk / S.T. / B.A. Of _____
 Status: Govt. () / Non Govt. () / Pay-packet () / Sponsored () / Rel. Minority () / Ling. Minority ()

Subj. taught	HS	DP	DH	Subj. taught	HS	DP	DH	Subj. taught	HS	DP	DH
Bengali	M	0	0	History	M	0	0	Mathematics	M	0	0
Hindi	0	0	0	Philosophy	0	0	0	Physics	0	0	0
English	M	0	0	Pol. Science	0	0	0	Chemistry	0	0	0
Sanskrit	0	0	0	Economics	M	0	0	Botany/Biology	0	0	0
				Sociology	0	0	0	Zoology	0	0	0
				Education	0	0	0	Physiology	0	0	0
				Psychology	0	0	0	Anthropology	0	0	0
Commerce	0	0	0	Geography	M	0	0	Geology	0	0	0
Comp. Science	0	0	0	Statistics	0	0	0	Electronics	0	0	0
								Mol. Biology	0	0	0

Average Enrolment	H.S.			Deg. Pass			Deg. Hons.			B.Ed.	Total			Gr. Tot.	
	A.	S.	C.	T.	A.	S.	C.	T.	A.		S.	C.	T.		S.	C.	ST
B.Ed.											145	18	4	167	

STAFF POSITION - SANCTIONED STRENGTH

Prof./Lec./Asst.Prof./Reader in										
Bengali	1	Hist.	1	Maths.	1	Commerce	H.Asst.	-	Reader	1
Hindi		Phil.		Phys.		Comp.Sc.	UD Asst.	-	Lib.Att.	1
English	1	Pol.Sc.		Chem.		Stat.	LD.Asst.	1	Lab.Att.	-
Sans.		Econ.		Bot.		Elec.	Typist	-	Darwan	-
		Socio.		Zool.		Mol. Bio	Lab. Ins.	-	Night G.	-
		Educn.	1	Physio.		Geogr.	Lib. Ass.	1	Hall	-
		Psycho.		Anthro.		Geol.	Store-kr.			

Librarian	-	Phys. Instr.	-	Demonstrator	-					
Name of Principal/Officer/Teacher-in-Charge	Previous:	<u>Dr. B. K. Datta</u>					From	<u>17.11.84</u>		
	Present:	<u>Dr. G. N. Sankar</u>					To	<u>31.7.87</u>		

INFORMATION ON HOSTELS

Name of hostel	1.	2.	3.	4.	Total
ml					
to. of boys					
to. of girls					
to. of mess ent.					

Name of college: Tamkura Banamali Wux Shift: Day & Evening Yr. of Estab. Commenced 1960-61 Code No.
 Address: P.O. Tamkura Bk. Phone: Principal: Nil
Dr. Midnapore Office: Page 22
 PIN: 721152 Name of Treasury/S.T./P&A Of Tamkura

Status: Govt. () / Non Govt. () / Pay-packet () / Sponsored () / Rel. Minority ()			Ling. Minority ()								
Subj. taught	HS	DP	DH	Subj. taught	HS	DP	DH	Subj. taught	HS	DP	DH
Bengali	1	1	1	History	1	1	1	Mathematics	1	1	1
Hindi	0	0	0	Philosophy	1	1	0	Physics	1	1	1
English	1	1	1	Pol. Science	1	1	1	Chemistry	1	1	1
Sanskrit	1	1	0	Economics	1	1	0	Botany/Biology	1	1	0
				Sociology	0	0	0	Zoology	1	1	0
				Education	1	1	0	Physiology	1	1	0
				Psychology	0	0	0	Anthropology	0	0	0
Commerce	1	1	1	Geography	0	0	0	Geology	0	0	0
Comp. Science	0	0	0	Statistics	0	0	0	Electronics	0	0	0
								Mol. Biology	0	0	0

Average Enrolment	H.S.			Deg. Pass			Deg. Hons.			Total		Gr. Tot.		
	A.	S.	C.	T.	A.	S.	C.	T.	A.	S.	C.		T.	SC	ST
1st yr / cl. xi	253	40	194	187	395	131	98	684	205	101	104	413	52	17
2nd / cl. xii	185	36	106	327	312	153	107	575	200	66	101	367	49	14
Boys:	-	-	-	-	-	-	-	-	125	45	71	241	16	-

STAFF POSITION - SANCTIONED STRENGTH

Prof./Lec./Asst. Prof./Reader in											
Bengali	7	Hist.	4	Maths.	5	Commerce	4	H. Asst.	1	Bearer	13
Hindi	-	Phil.	2	Phys.	7	Comp. Sc.	-	UD Asst.	4	Lib. Att.	2
English	4	Pol. Sc.	4	Chem.	2	Stat.	-	LD. Asst.	7	Lab. Att.	12
Sans.	2	Econ.	3	Bot.	1	Elec.	-	Typist	-	Darw. n	3
		Socio.	-	Zool.	2	Mol. Bio.	-	Lab. Ins.	3	Night G.	-
		Educn.	1	Physio.	1	Geogr.	-	Lib. Asst.	3	Mali	-
		Psycho.	-	Anthro.	-	Geol.	-	Store-kr.	-		

Librarian	1	Phys. Instr.	1	Demonstrator	-
Name of Principal/Officer/Teacher-in-Charge	Previous: <u>Dr. N.C. Chatterjee</u> <u>Prof. B.K. Saha</u>		FROM	TO	
	Present: <u>Dr. G. N. Sarkar</u>		<u>7.1.80</u>	<u>31.3.85</u>	
	<u>Dr. B. K. Saha</u>		<u>17.11.86</u>	<u>30.7.88</u>	
	<u>Dr. B. K. Saha</u>		<u>6.1.89</u>	<u>10.1.89</u>	

INFORMATION ON HOSTELS

Name of hostel	1. <u>Banmali Banamali College Midnapore</u>	3.	4.	Total
No. of boys	95			95
No. of girls	-			-
No. of mess emp.	5			5

The Principal, Pundarikot College, Pundarikot, Mysore applied for extension of affiliation in elective group 'A' that is, Advanced Accountancy, Auditing, Income-tax and Costing to the B.Com. Honours standard with effect from the academic session 1972-73. He also applied for increasing the intake of the B.Com. B.H. Class which is 125. The Commerce classes up to the Pass standard are at present held in the evening for which 5 periods of lectures are allotted in the time table of the College. The Commerce Department during the session 1971-72 had a roll strength of about 400 students. The Principal in his original application has made out a strong case for opening the Honours course for the benefit of the B.Com. students of College.

We have made a careful assessment of the workload of the Commerce Department and are firmly of the opinion that in the event of the University sanctioning Honours affiliation to the College, the 4th whole-time lecturer in Commerce will have to be appointed with effect from the commencement of the academic session 1972-73. One additional part-time lecturer in Commercial and Industrial Law will also have to be appointed from the said session.

The management has also made purchases of library books on commerce pass and Honours subjects which, in our opinion, are not sufficient for the Honours course. To have added the management to make available a sum of Rs. 2000/- towards purchase of text and reference books on various Commerce subjects. These should include at least 4 copies each of such books. Some good journals on Commerce should also be subscribed.

We have drawn the attention of the management to the necessity of setting up a Commerce Bureau for which a separate room will be necessary and a sum of Rs. 2000/- should be provided for the purpose at the initial stage.

We regard the prayer of the management for increasing the intake of the B.Com. Class from 125 to 150. We took note of the fact that the existing physical facilities available in the Department would justify such increase. An additional teacher will have to be appointed for raising the number of students from 125 to 150. We, therefore, recommend that the Pundarikot College be granted permission to increase the intake of affiliation in elective group 'A' that is, Advanced Accountancy, Auditing, Income-tax commencing from the academic session 1972-73 on the following conditions:-

1. The 4th whole-time lecturer in Commerce and the 2nd part-time lecturer in Commercial and Industrial Law are appointed from the commencement of the academic session 1972-73.
2. One additional period is allotted to the Honours students and above the existing 5 periods.
3. Books and journals on Commerce subjects worth Rs. 2000/- are purchased.
4. A Commerce Bureau is set up for which a separate room will be necessary and a sum of Rs. 2000/- (at the initial stage, is made available).
5. Pass and Honours classes are held separately.
6. All appointments in the teaching staff and any change thereof are reported to the University for approval.

Dated Mysore,
Oktobor-12,
July, 27, 1972.

21/- Sankar Bhattacharyya,
21/- A. C. Sankar.

DDPI (P.F.S)
17/3/01

Government of West Bengal
Higher Education Department
C.S. Branch
Bikash Bhavan, Salt Lake, Kolkata-91.

706
17/3/01

Dated, Kolkata the 27th March, 2001.

No. 425-Pdn(CS)
IGN-3172001

From : Shri R. K. Chakraborty,
Asstt. Secy. to the Govt. of West Bengal.

To : The Registrar,
Vidyasagar University,
P.O. Vidyasagar University,
Dist. Midnapore,
Pin - 721102.

sub :- Proposal for introducing B.P.Edn. Courses and
M.Sc. in Computer Science Courses at Panskura
Baramali College, Midnapore, w.e.f. the academic
session 2001-2002.

Sir,

I am directed to say that a proposal has been received from
the principal, Panskura Baramali College, Midnapore for introducing
B.P.Edn Courses and M.Sc. in Computer Science Courses w.e.f. the acade-
mic session 2001-2002 at Panskura Baramali College, Midnapore, which is
under the jurisdiction of the Vidyasagar University.

I am now to request you kindly to ~~examine~~ ^{cause} an inspection
to examine the feasibility of introducing the aforementioned courses
in the said college and place the matter before the University for its
views and ~~recommendation~~ recommendation which may kindly be sent to
this Deptt. at an early date with a copy to the P.P.I., West Bengal.

Yours faithfully,

sd/- R. K. Chakraborty,
Deputy Secy. to the Govt. of West Bengal.

No. 425/1(P)-Edn(CS)

Dated: Kolkata the 27th March, 2001.

Copy forwarded for information to :-

- 1) The Director of Public Instruction, West Bengal.
- 2) The Principal, Panskura Baramali College,
P.O. Panskura B.S.
Dist. Midnapore,

VIDYASAGAR UNIVERSITY

VIDYANAGAR & WEST BENGAL - 721 022

Phone : (0332) 23241 / 23247 / 23248 / 23249 / 23250

Ref. No. VU/30/WEL/445/2001-2002

Date: _____
September 20, 2001

From: The Office of the
Inspector of Colleges,

To: The Principal/Teacher-in-Charge,
Peasara Bhowani College,
P.O. Bhowani S. P.,
Bihar, India.

Re: Temporary extension of affiliation in B. A. Ed. in 1st year
degree course with effect from the session 2001-2002.

*Inspector of Colleges
Vidyasagar University
Midnapore - 721 102*

Dear Sir,

In view of the Government vide ISI's letter No.360-CP & 21/3 dated August 23, 2001 and as per decision of the Executive Council, Peasara Bhowani College, P.O. Bhowani S. P., District Midnapore has been granted Temporary extension of affiliation in B. A. Ed. in the 1st year degree course with effect from the session 2001-2002 subject to the fulfilment of the requirements as laid down in the Inspection Report and also the conditions as follows in respective Report mentioned:

*Inspector of Colleges
Vidyasagar University
Midnapore - 721 102*

1. At the end of each session wherein the Principal/Teacher-in-Charge will submit separately a report regarding the of students/teachers taking in of teaching degree students and Teachers respectively.
2. In case of any irregularity, non-compliance of the University Regulations, the extension of affiliation will be withdrawn collectively.

Yours faithfully,

Dr. Prof. Narinid Showick
OFFICE INSPECTOR OF COLLEGES

CC: _____
Bhowani

1. The Inspector of Public Institutions, Education Directorate, Midnapore, Jalil Laha City, Midnapore-720011(Ins. Report Send.)
2. The Member Secretary, U.P. State Council of Higher Education, 14th, Rashbehari Avenue, Midnapore-720029(Ins. Report Send.)
3. The Secretary, Deptt. of Higher Education, Govt. of West Bengal.
4. The Registrar, Vidyasagar University.
5. The Controller of Examinations, Midnapore District.
6. The Secretary, U.P. Council of Arts, Science & Commerce I, Vidyasagar University, Midnapore-721 102.

(Prof. Narinid Showick)
OFFICE INSPECTOR OF COLLEGES

NSA's

For: (0332) 23241/23247/23248/23249/23250
www.vu.ac.in



VIDYASAGAR UNIVERSITY

Midnapore 721 002 West Bengal

EXAMINATION

INSPECTION REPORT

Handwritten notes and stamps, including a date stamp '10/09/2001' and a signature.

- 01. Name of the College and Address : Panchanandan College, Paschim, Midnapore - 72103303222
- 02. Date of Inspection : 01.09.2001
- 03. Purpose of Inspection : To consider the prayer of College Authority for extension of affiliation on D.S.No. from 2001-2002.
- 04. Observation :
 - I) DTI in his letter : D.P.T. has given permission for opening D.S.No. from 2001-2002. Revision vide letter No. 422-40a (CS) dated 27.08.2001.
 - II) C.A. resolution : C.A. of the College in its meeting dated 07.08.2001 passed for extension of affiliation in D.P. No. to the Govt. of West Bengal & Vidyasagar University.
- 05. Staff Position (Subject-wise) Teaching & Non-teaching. : Existing Teaching Staff -
 - Non-Teaching Staff -
 - Teaching Staff in Physical Education-01 (Sr. Physical Instructor)
 - 01 (Sub teacher)
 - Non-teaching - 03 (Per. time basis)
- 06. Laboratory Facilities (For Physical Edn.) : (a) There is a Gymnasium (110'x60'-1 with wooden wall lined room)
(b) Store room - 01 (2' x 10')
- 07. Class Room Provision (For Physical Edn.) : (a) Class rooms - 01 (10' x 20') (No. 26)
(b) Class room - 01 (10' x 10') (No. 30)
(c) Teachers' Common room for Physical Edn. - 01 (20' x 10')
(d) Incharge room - 01 (20' x 10')
(e) Sports - Library - 01 (15' x 10')

08. Results of the Final Exam. last three years.

Year	Appeared		Passed	
	B.Sc. Part-II	B.Sc. Part II	B.A. Part II	B.Sc. Part II
1999	309	74	305	67
2000	313	68	311	70
2001	315	94	358	63

Phy. Edn. (Gen) Part - I Passed - 16
Part - II Appeared - 16



VIDYASAGAR UNIVERSITY

Mitapore, 721 301 West Bengal

Phone: XXXXXXXXXX-XXXX

- 1 2 1 -

09. Library Facilities

- Total Nos. of Books - 37,261
- Books for B.P.Ed. - 125

There is large sized well equipped library in P.S. College having large number of books in different subjects, reading room for teacher & students.

10. Proposed No. of students to be admitted (intake capacity).

- Maximum 60 (sixty) students from the Session 2001-2002 Session.

11. Present Fund Position

- Rs. 35,41,720/- as on 08.03.2001 (including all heads).

12. Proposed Tuition Fee of the respective subject(s) (Lab., Non-Lab., Non-Lab., Based)

- Tuition fees' schedule of U.S. State Govt. accepted by the College authority.

13. Subsidiary provision for the said subjects.

- Self finance.

14. Justification

- (a) There is a long long term

demand of the locality for B.P.Ed. Course.

(b) So many feeder schools of the College may provide students who are eager to 'Physical Edn.' in School stage.

(c) In College Physical Edn. Demand is rampant with satisfactory result.

(d) There is well equipped Gymnasium & large sized play ground in the College.

(e) College is ready to provide hostel accommodation for the B.P.Ed. students.

15. Recommendations

- Extension of affiliations in B.P.Ed. from 2001-2002 may be granted provided Basanti College subject to fulfilment of the following conditions :

- One qualified (as per U.G.C. 1956) or whole-time/ or 02 Physical Instructor + 01 Store keeper + 02 Groundmen may be appointed by the College to teach the Course from 2001-2002 Session.
- Hostel accommodation be provided for the students (Boys & Girls) to be admitted in the Course in initial stage. Attached 6 Bathrooms be provided for the students in the Gymnasium.
- In the open land in the College Campus (6.2 Acres) various ground/sports be arranged separately as following : - 'Football, Track & Field, Cricket-Ballyball court, Badminton, Table Tennis, Hockey, Swimming pool (indoor).
- Sports equipments required : 10 station bicycles, 60 mt. Table Tennis, Badminton, Football, Volleyball, Basketball, Cricketball etc. of amounting Rs. 1000 & 50 thousand for beginning stage.
- Books worth Rs. 50,000/- be purchased including (Sports Journal)
- Minimum one excursion (training camp) be arranged in every year.
- In initial stage maximum 60 (sixty) students be admitted from 2001-2002 Session.

16. Faculty & Academic Staffing of the College in first College building Library, Hostel Laboratory etc upto the task, facilities of affiliations in different subjects should be permitted.

Signature of the member of the Inspection Team.

- Ed/- Dr. N. Jana, Secy, A.C. Council, J. No- 8, Avenue, 1, 20th Office, C.V. & Subject Expert, J. No- 1, Street, G. S. Road, V.A. Council & U.G.C.
- Ed/- A. Mitra, Member, U.P. Council



VIDYASAGAR UNIVERSITY

MIDNAPORE :: WEST BENGAL :: PIN-721102

Phone : (03222) 60554 / 62297 / 63201 / 62441 / 60555

Ref. No. VU/IC/Aff1/445/2001-2002

Date.....
SEPTEMBER 20, 2001

From: The Office of the
Inspector of Colleges.

To: The Principal/Teacher-in-Charge,
Panskura Banamali College,
P.O.: Panskura R. S.,
Dist: Midnapore.

Sub: Temporary extension of affiliation in B. P. ED. in the 3-years degree course with effect from the session 2001-2002.

Dear Sir,

In terms of the Government (vide DPI's letter No.360-(P & S)/3 dated August 03, 2001) and as per decision of the Executive Council, Panskura Banamali College, P.O.: Panskura R. S., Dist: Midnapore has been granted Temporary extension of affiliation in B. P. Ed. in the 3-years degree course with effect from the session 2001-2002 subject to the fulfilment of the recommendations as laid down in the Inspection Report and also the conditions as follows (Inspection Report enclosed):

1. At the end of each academic session the Principal/Teacher-in-Charge will send specially a report regarding No. of classes/tutorials; No. of Teaching days; Students and Teachers attendances.
2. In case of any irregularity, non-compliance of the University Examinations, the extension of affiliation will be withdrawn unilaterally.

With regards,

Yours faithfully,

(Prof. Harihar Showmick)
DEPUTY INSPECTOR OF COLLEGES

Copy to:

1. The Director of Public Instructions, Education Directorate, Bikash Bhawan, Salt Lake City, Kolkata-700091 (Insp. Report Encl.)
2. The Member Secretary, W.B. State Council of Higher Education, 147A, Rashbehari Avenue, Kolkata-700029 (Insp. Report Encl.).
3. The Secretary, Deptt. of Higher Education, Govt. of West Bengal.
4. The Registrar, Vidyasagar University,
5. The Controller of Examinations, Vidyasagar University.
6. The Secretary, U.G. Council (Arts, Science & Commerce), Vidyasagar University, Midnapore-721 102.

(Prof. Harihar Showmick)
DEPUTY INSPECTOR OF COLLEGES



VIDYASAGAR UNIVERSITY

MIDNAPORE :: WEST BENGAL :: PIN-721102

Phone : (03222) 60554 / 62297 / 63201 / 62441 / 60555

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1. At the end of each academic session the Principal/Teacher-in-Charge will send specially a report regarding No. of classes/tutorials; No. of Teaching days; Students and Teachers attendances.
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6. The Secretary, U.G. Council (Arts, Science & Commerce), Vidyasagar University, Midnapore-721 102.

(Prof. Harihar Showmick)
DEPUTY INSPECTOR OF COLLEGES

PANSKURA

We inspected the Panskura Banawali College, Panskura on the 14th July, 1962 in connection with the application of the Secretary of the Governing Body of the College for extension of affiliation in Physics, Chemistry and Mathematics to the Pre-University Science and B.Sc. Pass standards and in Commercial Geography and Commercial Arithmetic and Book-keeping to the Pre-University Arts Standard from the session 1962-63.

As a result of additional construction the college now has the following accommodation:-

Principal's room	15'x20'
Office Room	20'x20'
Library	24'x20'
Staff Common Room	20'x20'

Chemistry Laboratories:-

1) General Practical	48'x20'	} One Hall 800 Sft. will be partitioned.
2) Balance Room	10'x20'	
3) Store Room	10'x20'	
4) Preparation Room	10'x20'	
5) Staff Room	10'x20'	

Physics Laboratories:

1) General Practical	48'x20'	} One Hall 800 Sft. will be partitioned.
2) Dark Room	15'x20'	
3) Electricity Room	15'x20'	
4) Staff Room	10'x20'	

Class Rooms:

- 1) 35'x20'
- 2) 35'x20'
- 3) 40'x20'
- 4) 40'x20'
- 5) 24'x20'

One more room 48'x20' in size will be constructed on the first floor of the West Wing of the college.

The authorities of the college have been instructed to ^{construct} ~~contract~~ a separate structure measuring 50'x20' within the college compound for the purpose of a boys' common room.

The college has now accommodation to admit 80 students in the Pre-University Science Class and 30 students in each year of the B.Sc. Pass class.

We found that the Gas Plant had arrived. Working tables for practical work by 30 students at a time were also there. Glass goods, chemicals and apparatus for Physics and Chemistry worth about Rs.5,000/- have been received out of these ordered for.

The Gas Plant has to be installed. Arrangement has to be made for supplying water to the overhead tank and for fitting the pipe lines to the laboratories. The authorities of the college have been directed to complete this work as expeditiously as possible. The Assistant Engineer, West Bengal State Electricity Board, Bhargpur has informed the Secretary that the work of electrification of the college will be taken up at an early date. The college should purchase apparatus and equipment for Physics and Chemistry ^{to the total value of Rs. 60,000/-} ~~to the total value of Rs. 40,000/-~~ for Physics and Chemistry. This may be done in a phased manner spread over three years from the current session- apparatus and equipment worth about Rs. 20,000/- being purchased per year.

The college has already purchased some books on Physics, Chemistry and Mathematics. Four or five copies of each of the text books and some books on Science written in popular style should be purchased. Books on Physics, Chemistry and Mathematics worth about Rs.6,000/- should be now purchased.

The college should ultimately maintain three lecturers in Physics, three lecturers in Chemistry and two lecturers in Mathematics. It will do if the college appoints two lecturers in Physics, two lecturers in Chemistry and one lecturer in Mathematics from the current session. We were told that applications for appointment as lecturers in these subjects have been already received and the authorities are waiting for permission to start the B.Sc. classes before issuing necessary appointment letters.

On the day of inspection the bank pass books showed that the college had Rs.10,000/- in the Reserve Fund and Rs.56,400/- in the General Fund. This is the result of contributions made recently by the Principal donors. The Secretary has promised to meet the entire cost of Furniture, books and apparatus without drawing from the college funds.

By a letter dated 11.7.62 the Secretary of the college informed the University that he would not ask for commercial geography and Commercial Arithmetic, and Book-keeping from the session 1962-65.

On the conditions laid down above we recommend that the Panskura Bananali College, Panskura be granted extension of affiliation in Physics, Chemistry and Mathematics to the Pre-University Science and B.Sc. Pass standard from the session 1962-65 with permission to present its first batch of students with these subjects at the Pre-University Science Examination in 1963, at the B.Sc. Pass Part I Examination in 1964 and at the B.Sc. Pass Part II Examination in 1965 and not earlier.

Senate House, Calcutta
The 17th July, 1962

A.P. Dasgupta,
P.C. Bhattacharyya
K. Banerjee

G. C. RAYCHAUDHURI, M.A., LL.B.,
Ph.D. (LOND.),
Registrar.
J. C. MUKHERJEE, B.A., B.T.,
Assistant Registrar.



23 JUN 1966

SENATE HOUSE.

The... 21st June ... 1966
No... C/2363/102 Affl.

All communications to the University should give the Number, Date and Subject of previous correspondence.

From

THE REGISTRAR, CALCUTTA UNIVERSITY.

To

The Secretary,
Panskura Banamali College.

Dear Sir,

With reference to your letter No. PBC/BT-1/66 dated 16.6.66 regarding your proposal for extension of affiliation to the B.T. Standard from the session 1966-67, I am desired to inform you that it is now too late to consider applications for extension of affiliation from the current academic session.

Yours faithfully,

Amulya
for Registrar.

*Affiliation 9/6
FC
9/6/66*
pkd.

I am also to request you to be so good as to implement the conditions mentioned above and also other suggestions for improvement mentioned in the report, if any, as early as possible and furnish this office with a report of such implementation.

Yours faithfully,

Arundhan

for Registrar.

Encls : Copy of Report.

Memo.No.C/367-72/172 (Afcl.) dated....

Copy forwarded, for information, to

- 1) The Controller of Examinations, Calcutta University
- 2) The University Inspector of Colleges
- 3) The C.S. R. Section
- 4) Statistics Section (2 copies)

For Registrar.

We visited Panskura on the 28th July, 1961 in connection with the application of the Secretary of the proposed Panskura Banamali College praying for affiliation of the College in the following subjects and standards from the session 1961-62.

- Pre-University :- English (Compulsory), Bengali Vernacular, and the following elective subjects - Bengali, Sanskrit, History, Logic, Elements of Civics & Economics.
- B.A. (Pass) English (General, Bengali (2nd subject) and the following elective subjects :- Bengali, History, Philosophy, Political Science, Education and Sanskrit.

The organisers of the College received a gift of 6 bighas of land more or less in favour of the College from one Janab Hasmat Ali Khan and several other persons. The plot is not far from the Panskura railway station. Sri Banamali Bhattacharya, a rice mill owner of Bhogpur then undertook to construct the College building at his own expense. We found that the ground floor of the College building had been completed, providing the following accommodation :

Principal's Office Room	- 14' x 20' -----	280 sq. ft.
Class Room	- 1) 40' x 20' -----	800 sq. ft.
	2) 35' x 30' -----	700 sq. ft.
	3) 20' 6" x 20' -----	415 sq. ft.
Library	- 30' x 20' -----	600 sq. ft.
Girls' Common Room	- 10' x 20' -----	200 sq. ft.

As the number of subjects in which affiliation is sought is few, the above accommodation will suffice in the first year of the College if 100 students are admitted in the Pre-University class and 80 students in the B.A. 1st year class. The promoters of the College should however set up two temporary structures, one to serve as the boys' Common room and the other as the staff Common room. One tube-well for drinking water has been sunk providing potable water, and urinals for boys have been set up. Suitable U.C's for women students & the staff should be immediately constructed. Sri Banamali Bhattacharya has given a written undertaking to complete the College building at his own cost within the current session 1961-62 as per plan shown to us. No part of the fund to the credit of the College as on 28.7.61 will be drawn upon for this purpose. When the second storey is completed the College will have accommodation for 340 students with subjects as prayed for.

We pointed out to the promoters of the College that for the proper functioning of the College it was necessary to have a larger campus and we requested Janab Hasmat Ali Khan to induce his co-sharers to donate six bighas more of land contiguous to the College land so that the College might have one plot of 12 bighas. If the College gets another six bighas, there will be no difficulty in having a playground and a suitable hostel for boys within the college campus.

Panskura on the S.E. Railway is 44 miles from Howrah. The place is 15 miles from Jagann, 16 miles from Tarluk, 22 miles from Ghata and 26 miles from Kharagpur. The nearest affiliated College is thus at a distance of 15 miles from Panskura.

There are three higher Secondary and eleven high schools within the area under the jurisdiction of the Panskura thana. 69 students have passed the Higher Secondary Examination and 166 students have passed the School Final Examination from the above fourteen schools. The College will also get students from some schools outside the area of the Panskura thana situated in places having easy communication with Panskura.

The College may be expected to have 100 students in the Pre-University class and about 30 students in the B.A. 1st year class this year.

On the day of inspection the College had Rs. 40,408/- to its credit in Post office Savings Bank accounts as follows :-

Panskura Sub-office			
S.F. Pass Book no.....	227247	-	Rs. 30,324/-
	227248	-	10,002/-
	227246	-	82/-
			<u>Rs. 40,408/-</u>

Another donation of Rs. 10,000/- has been promised by Sri Haripada Khatri, Secretary of the organising Committee of the proposed College.

In order to be affiliated in the subjects prayed for and with enrolment as above, the College should have the following teachers in the current session.

English	---	1	whole time lecturer
Bengali	---	2	" "
Sanskrit	---	1	" "
History	---	1	" "
Logic & Philosophy	---	1	" "
Civics & Political	---		
Science	---	1	" "
Education	---	1	" "
		<u>7</u>	

One of the teachers may get this year as the professor in charge of the College with an allowance.

We have been shown acceptance letters from persons chosen to serve as lecturers in English, Bengali, History, Philosophy, Political Science and Education.

The expenditure in the session 1961-62 may be estimated as follows :-

Salary of lecturers	-	Rs. 150 x 7 x 12	---	Rs. 12,600/-
Librarian	-	Rs. 80 x 12	---	960/-
1 clerk	-	Rs. 60 x 12	---	720/-
2 Peons.	-	Rs. 40 x 12 x 2	---	960/-
B.A.	-	Rs. 17.50 x 7 x 12	---	1,470/-
Allowance for Professor-in-charge	-	Rs. 50 x 12	---	600/-
				<u>Rs. 17,310/-</u>

The income for 1961-62 on the basis of the expected number will be as follows:-

Tuition fees - Pre University	-	100 x 8 x 12	---	Rs. 9,600/-
B.A. 1st year	-	30 x 10 x 12	---	3,600/-
Admission fees-PreUniversity	-	-	---	800/-
B.A. 1st year	-	-	---	300/-
Interest on Deposit				<u>600/-</u>
				Rs. 14,900/-
				<u>Less unrealised fees</u>
				1,000/-
				<u>Rs. 13,900/-</u>
				By
				Rs. 14,000/-

Out of the deposit amounting to Rs.40,000/- as shown above, Rs.10,000/- will be kept as the Reserve Fund. The secretary of the Organising Committee of the proposed College has given a written undertaking to provide library books and furniture without drawing on the balance of Rs.30,000/-. Books worth about Rs.8,000/- should be purchased during the current session.

Some books have been already purchased for the College Library. The number of books in the College Library on the day of inspection was 612 distributed among the different subjects as follows :-

LIBRARY

Bengali	--	266.
History	--	52
English	--	155
Education	--	20
Philosophy	--	25
Political Science	--	30
Economics	--	25
		573
Encyclopedia, Dictionary etc.		26
Education	--	13
		612

The total value of the above books is Rs.5,400/- Rs.3,000/- has been already paid to the firm of book sellers which has supplied the books, and Rs.5,000/- has been paid to the furniture dealer for furnitures received and ordered.

The College is expected to face the session 1962-63 with a balance of about Rs. 36,000/- to its credit and we have no doubt that the College will be able to steer its way through the first three years of its life on its own resources. In 1962-63 the College should have the following teachers :-

	Whole Time	Part Time
English	1	1.
Bengali	2	
History	2	
Logic & Philosophy	2	
Civics & Political Science	2	
Sanskrit	1	1
Education	1	
	11 Whole time & 2 Part time.	

From 1963-64 it will be necessary to appoint two more lecturers, - one in Bengali and one in Education and to convert the part time lecturer in Sanskrit to a whole time lecturer.

A competent Principal should be appointed after proper advertisement. As already stated above, one of the lecturers may act as Professor-in-charge until the appointment can be finally made.

The Secretary of the Organising Committee stated that arrangements has been made for the residence of ten teachers at Bhogpur in the S.E. Railway four miles from Panskura and for 30 students in Panskura town.

The College has been named the Panskura Banmali College after Sri Banmali Bhattacharya, the principal donor.

The following persons may be selected from the Organising Committee to form an ad hoc Governing Body of the College :-

1. The Subdivisional Officer, Tanlik - President.
2. Sri Bhayamdas Bhattacharyya,)
B.A., B.L., M.L.A.)
3. Sri Rajendranath Pramanik,)
Minister, Govt. of West Bengal.) Vice-Presidents.
4. Sri Rajendranath Pramanik,)
B.L., M.L.A.)
5. Deputy Minister, Govt. of W. Bengal)
6. Janki Khashtari Khan - Donor.
7. Sri Banamali Bhattacharya - "
8. Sri Nagendra Nath Kar - "
9. Dr. S. R. Adhikary, M.B.B.S. - "
10. Sri Debendra Nath Jana - Benefactor.
11. Sri Satinath Chakraverty - Educationist.
12. Sri H. K. Sengupta, B.D.O.
13. Sri Paripada Bhattacharya, B.Sc., B.K.E. - Secretary.
14. Principal of the College - Joint Secretary.
15. One teachers' representative.

On the conditions stated above we recommend that the Banskura Ban-mali College be affiliated in English (Compulsory), Bengali (Vernacular), and the following elective subjects :- Bengali, Sanskrit, History, Logic and Elements of Civics and Economics to the Pre-University standard and in English (General, Bengali (Second subject) and the following elective subjects :- Bengali, Sanskrit, History, Philosophy, Political Science and Education to the B.A. Pass standard of the Three-Year Degree Course from the session 1961-62 with provision to present its first batch of students with these subjects at the Pre-University Examination in 1962, at the B.A. Part I Examination in 1963 and at the B.A. Part II Examination in 1964 and not earlier.

Senate House, Calcutta,

sd/ S. P. Mukherjee
" A. P. Dasgupta

Dated the 2nd August, 1961.

Circulated to the members of the Senate in connection with Item No. 1489 of the Agenda dated 9.8.61.

Senate House,
The 4th August, 1961.

G. C. Raychaudhuri,
Registrar.

EQUIPMENTS :

	1st Year	2nd Year	3rd Year
Geography	Rs. 25,000/-	Rs. 10,000/-	Rs. 5,000/-

TOTAL : Rs. 40,000/-

ADDITIONAL STAFF :

	1st Year	2nd Year	3rd Year
Geography	1 Lecturer 1 Lab. Attendant	1 Lecturer	x
Economics	x	1 Lecturer (with Specialization in Economic Statistics)	1 Lecturer

This Directorate, through Panskura Bangsmali College Government
to kindly approve extension of affiliation in Geography (Pass) and
Economics (Hons.) Panskura Bangsmali College
with effect from 1990-91 session.

An early order in the matter is desired.

Yours faithfully,
Sd/- Niranjan

for Director of Public Instruction,
West Bengal.

Encls: as above.

No. 2144/10/MS/90 dated 30/8/90

Copy forwarded to the Principal XXXXXXXXXXXXXXXXXXXX
Panskura Bangsmali College, XXXXXXXXXXXX P.O. Panskura,
District Midnapore for information.

Niranjan 30/8/90
for Director of Public Instruction,
West Bengal.

The 10th August, 1961.

From

The Registrar, Calcutta University

To

Sri Haripada Khatua,
Secretary, Panskura Benanali College,
P.O. Panskura, Midnapore.

Sir,

In forwarding herewith a copy of an inspection report, dated 2.8.61, I am desired to inform you that the Panskura Benanali College has been affiliated in English (Compulsory), Bengali (Vernacular), and in the following elective subjects :- Bengali, Sanskrit, History, Logic and Elements of Civics and Economics to the Pre-University standard and in English (General), Bengali (Second subject) and the following elective subjects :- Bengali, Sanskrit, History, Philosophy, Political Science and Education to the B.A. Pass standard of the Three Year Degree Course from the session 1961-62 with permission to present its first batch of students with these subjects at the Pre-University Examination in 1962, at the B.A. Part I Examination in 1963 and at the B.A. Part II Examination in 1964 and not earlier.

Conditions :-

1) The College building should be completed as per plan shown before June, 1962 without touching the fund lying to the credit of the College on 26.7.61.

2) Attempts to be made to secure another six bighas of land contiguous to the college land and to collect further contributions amounting to Rs. 10,000/- in addition to Rs. 40,000/- already deposited to the credit of the college.

3) Full-time lecturers as stipulated in the report should be forthwith appointed.

The College should have 11 whole-time and 2 part-time teachers in the session 1962-63 and 14 whole-time and 1 part-time teachers from the session 1963-64.

4) Books worth at least Rs. 8,000/- should be purchased during the current session.

5) No part of the funds standing to the credit of the college on 26.7.61 is to be drawn upon for providing library books and furniture.

In this connection, I am to inform you that the Vice-Chancellor and Syndicate desire that two teachers' representatives should be included in the ad-hoc Governing Body of your college instead of one recommended by the Inspectors in their report.



VIDYASAGAR UNIVERSITY

Midnapore 721 102 West Bengal

Phone : (03222) 62297/63291/62441

Ref.No.:VU/IC/Affl/114/2000-2001

SEPTEMBER 07, 2000

From: Dr. T. S. Panigrahi,
Deputy Inspector of Colleges.

To: The Principal,
Panskura Banamali College,
P.O.: Panskura R. S.,
Dist: Midnapore.

Sub: Temporary Extension of affiliation in BACHELOR OF COMPUTER APPLICATIONS in the 3-years degree course with effect from the session 2000-2001.

Dear Sir,

In terms of the Government (Vide DPI's letter No.274-(P & S) dated August 01,2000) and as per decision of the Executive Council dated 05.9.2000, Panskura Banamali College, P.O.: Panskura R.S., Dist:Midnapore has been granted temporary extension of affiliation in BACHELOR OF COMPUTER APPLICATIONS in the 3-years degree course with effect from the session 2000-2001 subject to the fulfillment of the conditions as laid down in the Inspection Report and also the conditions as follows :

- (1) At the end of each academic session the Principal will send specially a report regarding No. of classes/tutorials held, No. of teaching days, Students and Teachers attendance.
- (2) In case of any irregularity, non-compliance of the University Directives, consecutive bad performances in the University Examinations, the extension of affiliation will be withdrawn unilaterally.

With regards,

Yours sincerely,

(Dr. T. S. Panigrahi)
DEPUTY INSPECTOR OF COLLEGES

Encl.: Inspection Report.

- Copy to:
- (1) The Director of Public Instructions, Education Directorate, Bikash Bhawan, Salt Lake City, Calcutta-700 091.
 - (2) The Secretary, Education Department, Govt. of W.B.
 - (3) The Registrar, Vidyasagar University, Midnapore-721 102.
 - (4) The Controller of Examinations, Vidyasagar University.
 - (5) The Secretary, U. G. Council, Vidyasagar University.



VIDYASAGAR UNIVERSITY

Midnapore 721 102 West Bengal

Phone : (03222) 62297/63201/62441

Ref.No.:VU/IC/Aff1/114/2000-2001

SEPTEMBER 07, 20

From: Dr. T. S. Panigrahi,
Deputy Inspector of Colleges.

To: The Principal,
Panskura Banamali College,
P.O.: Panskura R. S.,
Dist: Midnapore.

Sub: Temporary Extension of affiliation in BACHELOR OF COMPUTER APPLICATIONS in the 3-years degree course with effect from the session 2000-2001.

Dear Sir,

In terms of the Government (Vide DPI's letter No.274-(P & S) dated August 01,2000) and as per decision of the Executive Council dated 05.9.2000, Panskura Banamali College, P.O.: Panskura R.S., Dist:Midnapore has been granted temporary extension of affiliation in BACHELOR OF COMPUTER APPLICATIONS in the 3-years degree course with effect from the session 2000-2001 subject to the fulfillment of the conditions as laid down in the Inspection Report and also the conditions as follows :

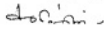
- (1) At the end of each academic session the Principal will send specially a report regarding No. of classes/tutorials held, No. of teaching days, Students and Teachers attendance.
- (2) In case of any irregularity, non-compliance of the University Directives, consecutive bad performances in the University Examinations, the extension of affiliation will be withdrawn unilaterally.

With regards,

Yours sincerely,


(Dr. T. S. Panigrahi)
DEPUTY INSPECTOR OF COLLEGES

Encl.: Inspection Report.

- Copy to:
- (1) The Director of Public Instructions, Education Directorate, Bikash Bhawan, Salt Lake City, Calcutta-700 091.
 - (2) The Secretary, Education Department, Govt. of W.B.
 - (3) The Registrar, Vidyasagar University, Midnapore-721 102.
 - (4) The Controller of Examinations, Vidyasagar University.
 - (5) The Secretary, U. G. Council, Vidyasagar University.
- 

- (iv) Physiology laboratory should be equipped with proper facilities.
- (v) Regular Practical Classes in the Bio Sc. departments should be held even in the 1st. year classes to do justice to the syllabus as well as to the students.
- (vi) The College authority should take steps so that more classes (both Theoretical & Practical) are held in the departments as mentioned.
- (vii) A few more drums to be purchased immediately.
- (viii) Two more Laboratory Instructors in Bio Departments should be appointed as early as possible.

Signature of the Inspecting Team :

-
- | | |
|--|---|
| 1. Sd/- Kali Pada Jana
Dept. of Chemistry
Midnapore College. | 2. Sd/- P. K. Giri
Dept. of Physics,
Midnapore College. |
| 3. Sd/- A. P. Roy,
Dept. of Botany
Midnapore College &
Member U.G. Council. | 4. Sd/- Santosh Kr. Chorai,
Deputy Inspector of Colleges,
Vidyasagar University,
Midnapore : |

karmakar :

//AKM/IC/297/88/61x3//

Government of West Bengal
Education Directorate
Bikash Bhaban, Salt Lake, Calcutta-91

Memo No. 33/1 (7)
N.S. (P&S) - 2/98

Dated, Calcutta, the 30.7. 1998

From : The Director of Public Instruction
Ex-Officio Secretary to the Govt. of West Bengal,

To : ~~The Inspector of College/The Registrar,~~

Vidyasagar University
P.O. - Vidyasagar University,
Dist. - Midnapore,
PIN - 721102.

Sub : Extension of affiliation to new subjects in
Non-Govt. Colleges from 1998-99 academic session.

Ref : Our previous letter, memo no.23/1,dt.16.7.1998

In continuation of the letter referred to above, the undersigned has been directed to communicate to you that the West Bengal State Government has no objection in giving administrative approval to introduce the proposed subjects in the colleges of this second list, subject to your granting of affiliation for the same.

Kindly inform the Directorate of your decision at the earliest.

S. K. Chaudhuri

for Director of Public Instruction,
West Bengal.

Enclo : List of Colleges,
with proposed
Subjects.

(v) No full time lecturer in Physiology has been appointed.

Only the part timers do the job by taking more classes in addition to their normal load. Only one full time teacher in Botany is serving the Institution. Here also the part timers take more classes. There is shortage of non-teaching staff in the departments of Physics & Chemistry, Zoology, Botany and Physiology. There is only one Lab. Instructor who is serving in all the three Bio Departments.

(vi) The affiliation for B.Sc. (Bio Science Pass) was given temporarily. Principal has made an application (vide memo No.P.B. 359/29 dated 18.3.88) for giving permanent extension of affiliation in Zoology and Botany upto B.Sc. Pass Standard with effect from 1988-89 session.

(vii) Students gave one deputation to increase the intake capacity of the College so that the local demands can be fulfilled. There is tremendous local pressure for increasing the intake capacity of Bio Pass.

(viii) The Bio Sc. (Pass with Chemistry combination) result (1987) is not at all satisfactory.

R_e_c_o_m_m_e_n_d_a_t_i_o_n_s : In view of the above facts the following recommendations are made subject to fulfilment of some conditions given herewith.

(i) The intake capacity in 1st. year Chemistry Honours may be made 20 (Twenty) from the session 1988-89. (in place of 10)

(ii) The intake capacity in 1st. year Physics Honours may be made 20 (Twenty) from the session 1988-89. (in place of 10)

(iii) Considering the laboratory facilities prevailing now, the intake capacity in 1st. year B.Sc. (Bio Sc., Physio, Zoology, Botany) may be made strictly 100 (Hundred) from the session 1988-89 (in place of 30).

(iv) Permanent extension of affiliation in Bio Sc.(Pass) may be given with effect from 1988-89.

THE CONDITIONS :

(i) Necessary non-teaching staff should be appointed in the laboratories (Chemistry, Physics, Physiology, Zoology & Botany).

(ii) Immediately two full time teacher in the department of Physiology and one full time teacher in Botany should be appointed.

(iii) More books should be purchased mainly for the Bio Science (Pass) departments to cater to the needs of the students.

Government of West Bengal
Education Directorate
Vikash Bhaban, Salt Lake, Calcutta-91

Memo No. 33/1 (7)
N.S. (P45) - 2/98

Dated, Calcutta, the 30. 7. 1998

From : The Director of Public Instruction
Ex-Officio Secretary to the Govt. of West Bengal.

To : The Inspector of College/The Registrar,

Vidyasagar University
P.O. - Vidyasagar University,
Dist. - Midnapore,
PIN - 721102.

Sub : Extension of affiliation to new subjects in
Non-Govt. Colleges from 1998-99 academic session.

Ref : Our previous letter, memo no.23/1,dt.16.7.1998

In continuation of the letter ~~referred~~ to above, the undersigned has been directed to communicate to you that the West Bengal State Government has no objection in giving administrative approval to introduce the proposed subjects in the colleges of this second list, subject to your granting of affiliation for the same.

Kindly inform the Directorate of your decision at the earliest.

s.v. Chandra

for Director of Public Instruction,
West Bengal.

Encl : List of Colleges,
with proposed
Subjects.

Signature Copy

VIDYASAGAR UNIVERSITY
MIDNAPORE : 721 102
OFFICE OF THE INSPECTOR OF COLLEGES

Ref.No: VU/IC/Aff./100/2003-2004

Date: AUGUST 13, 2003

From: Harihar Bhowmick,
Deputy Inspector of Colleges.

To: The Principal/Teacher-in-Charge,
Panskura Banamali College,
P.O.: Panskura R. S.,
Dist : Purba Medinipur.

Sub: Temporary extension of affiliation in the 3-years degree course
w.e.f. the session 2003-2004.

Dear Sir/Madam,

In terms of the recommendation of West Bengal State Council of Higher Education and kind approval of the Hon'ble Vice-Chancellor, the following Colleges have been granted temporary extension of affiliation in 3-years degree course w.e.f. the session 2003-2004 in the subjects listed below subject to the fulfilment of the conditions as laid down in the Inspection Reports of the respective Colleges and also the conditions as follows :

- (1) at the end of each academic session the Principal will send specially a report regarding No. of classes/Tutorials; No. of Teaching days; Students and Teachers attendance.
- (2) In case of any irregularity, non-compliance of the University Directives, consecutive bad performances in the University Examinations, the extension of affiliation will be withdrawn unilaterally.

With regards,
Yours faithfully,

H Bhowmick
(Harihar Bhowmick)
DEPUTY INSPECTOR OF COLLEGES

Sr.No.	Name of the Colleges	Subject(s) in which extension of affiliation offered
1.	Hijli College	English(Hons); Computer Science(Hons) & History(General).
2.	Narajole Raj College	Chemistry (Hons.).
3.	Seva Bharati Mahavidyalaya	History(Hons) & English(Hons.).
4.	Tamralipta Mahavidyalaya	PhysicalSc. as Method subject in B. Ed. Section.

Sl.No.	Name of the College	Subject(s) in which Extension of Affiliation offered
5.	Khejuri College	Political Science(Gen.); History(Gen.) & Sanskrit(Gen.).
6.	Vivekananda Mission Mahavidyalaya	Computer Science(Hons) & Geography(General).
7.	Y. S. Palpara Mahavidyalaya	Chemistry(Hons) & Sanskrit(Hons.).
8.	Vivekananda Satabarsiki Mahavidyalaya	Mathematics(Hons.); Botany(Gen) & Zoology(Gen).
9.	Panskura Banamali College	Biotechnology(Hons.).
10.	Belda College	Comp.Sc.(Hons.); English(Gen.); Botany(Gen.); Zoology(Gen.) & Computer Science(Gen.).
11.	Sabang Sajani Kanta Mahavidyalaya	Mathematics(Hons.); Botany(Hons.); English(Hons.) & English(Gen.).
12.	Kharagpur College	Botany(Hons.) & Physiology(Gen.).

Encl.: Inspection Report.

Copy to:

1. The Director of Public Instructions, Education Directorate, Bikash Bhawan, Salt Lake City, Kolkata-700 091.
2. The Secretary, Deptt. of Higher Education, Govt. of West Bengal.
3. The Member-Secretary, W.B.State Council of Higher Education, 147A, Rashbehari Avenue, Kolkata – 700 029.
4. The Registrar, Vidyasagar University.
5. The Controller of Examinations, Vidyasagar University.
6. The Secretary, Council for U. G. Studies, Vidyasagar University.

H. Bhowmick
(Harihar Bhowmick)
DEPUTY INSPECTOR OF COLLEGES

PANSKURA BANAMALI COLLEGE, PANSKURA

In pursuance of the orders of the Vice-Chancellor and Syndicate we inspected the Panskura Banamali College on February 27, 1963 and examined the claims of the College to extension of affiliation in Commercial Geography and Commercial Arithmetic and Book-keeping to the Pre-University standard and in Bengali and History to the B.A. Honours standard.

This College which came into being in 1961-62 has made good progress in course of a year and a half and is now affiliated to the D. U. and U. C. Pass standards. The institution owes its existence to the princely donations made by Sri Banamali Khattua who has already spent more than Rs. 5,000,00/-

(Rupees three lakhs) towards construction of the building and purchase of laboratory equipment and library books. Sri Khattua's son who is the Secretary to the Governing Body of the College has shown us a mud print for the proposed hostel building; the entire cost of the hostel building will be borne by Sri Khattua. This hostel building when completed will provide comfortable accommodation to those students who now reside in a rented building.

At the out-set we discussed with the management the financial implications of the proposal to go in for extension of affiliation in so many subjects all at a time in the second year of the life of the College. We particularly pointed out that the College will have to appoint eight additional whole-time lecturers in 1963-64 in subjects in which it is already affiliated. It will be a very risky enterprise on the part of the management to go in for such rapid expansion as contemplated before consolidating the arrangements for subjects in which it is already affiliated. To our suggestion the Secretary has readily agreed to drop his proposal for extension of affiliation in Commercial Geography and Commercial Arithmetic and Book-keeping to the Pre-University standard and in History to the B.A. Honours standard for the present.

We, therefore, examined the prospect of introducing honours course in Bengali only. As the College has a roll strength of about 500 in the current session and as the Secretary has undertaken to bear the entire additional expenditure necessary for the introduction of honours course in Bengali, we have advised him to purchase books on Bengali worth Rs. 4,000/- before the commencement of the session 1963-64. These, we have pointed out, should include four copies of each of the text and reference books recommended for the Bengali honours course. The Secretary has also expressed his willingness to ear-mark a separate room for the Bengali honours seminar. The seminar should be equipped with adequate furniture and books.

In pursuance of the orders of the Vice-Chancellor and Syndicate we inspected the Panskura Banamali College on February 27, 1963 and examined the claims of the College to extension of affiliation in Commercial Geography and Commercial Arithmetic and Book-keeping to the Pre-University standard and in Bengali and History to the B.A. Honours standard.

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We have calculated the work-load of the Bengali department keeping in view the requirements of the honours course and the total work-load comes to 131 periods per week at the ultimate stage. The existing number of teachers in Bengali is two and with the opening of the honours course it will have to be raised to seven—two additional lecturers to be appointed in 1963-64, two more in 1964-65 and one in 1965-66. While making these additional appointments care should be taken to select properly qualified teachers with honours at their B.A. stage. The management has agreed to implement this condition.

We, therefore, recommend that the Panskura Banamali College be granted extension of affiliation in Bengali to the B.A. Honours standard with effect from the session 1963-64 on the following conditions :-

Condition :-

We have calculated the work-load of the Bengali department keeping in view the requirements of the honours course and the total work-load comes to 131 periods per week at the ultimate stage. The existing number of teachers in Bengali is two and with the opening of the honours course it will have to be raised to seven- two additional lecturers to be appointed in 1963-64, two more in 1964-65 and one in 1965-66. While making these additional appointments care should be taken to select properly qualified teachers with honours at their B.A. stage. The management has agreed to implement this condition.

We, therefore, recommend that the Pansaura Banamali College be granted extension of affiliation in Bengali to the B.A. Honours standard with effect from the session 1963-64 on the following conditions:-

Conditions:

- 1) Pass and Honours classes must be held separately.
- 2) Books on Bengali worth Rs.4,000/- are purchased.
- 3) A seminar room with necessary furniture and books is provided.
- 4) Five additional Lecturers are appointed in the manner prescribed in the report, over and above the existing teachers.

Senate House,
Calcutta.

S.P. Mukherjee
A.C. Banerji
A. Bhattacharyya

The 15th March, 1963.

Circulated to the members of the College Committee (O.T.P.)

in connect on with item No.26 of the Committee dated 11.4.63.

Senate House,
The 6th April, 1963.

G.C. Raychaudhuri,
Registrar.



VIDYASAGAR UNIVERSITY

Midnapore, West Bengal. Pin-721 101

AUGUST 23, 1988 :

Ref. No. *inf/c/ATH/104/13-88*

Head - Clerk
A file
22-8-88

From : Dr. Santosh K. Ghorai,
Inspector of Colleges.

To : The Principal
Panskura Banamali College,
P.O. Panskura R.S.
Dist. Midnapore :

Dear Sir,

I am directed to inform you that the Panskura Banamali College, P.O. Panskura, Dist. Midnapore has been granted permanent extension of affiliation in Botany, Zoology and Physiology in the degree pass level with effect from the session 1988-89; and in the 1st. year Physics (Hons.) Chemistry (Hons.) and Bio-Science (Pass) classes the affiliation of the number of seats granted are 20, 20 and 100 respectively subject to fulfilment of the conditions mentioned in the Inspection Report dated MARCH 19, 1988.

I am therefore to request you to be so good as to implement the conditions mentioned in the report as early as possible and furnish this Office with a report as to how far the conditions have been implemented.

Kind regards.

Yours faithfully,

S. Ghorai
INSPECTOR OF COLLEGES :

N.B. : Order issued as per Item No. 8 of the 6th Executive Council meeting held on AUGUST 19, 1988.

Encl. One copy of the Inspection Report.

Copy to :

1. D.P.I., Govt. of West Bengal, Writers Bldg., Cal-1.
2. The Controller of Examinations, Vidyasagar University.
3. The Secretary, Under Graduate Council, Vidyasagar University.

VIDYASAGAR UNIVERSITY

Midnapore, West Bengal. Pin-721 101

Ref. No. ...*Ref. No. V.P.C./Att/1074/B-89*

AUGUST 23, 1988 :

From : Dr. Santosh Kr. Ghorai,
Inspector of Colleges.

To : The Principal
Panskura Banamali College,
P.O. Panskura R.S.
Dist. Midnapore :

Dear Sir,

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I am therefore to request you to be so good as to implement the conditions mentioned in the report as early as possible and furnish this Office with a report as to how far the conditions have been implemented.

Kind regards.

Yours faithfully,

S. Ghosh
INSPECTOR OF COLLEGES :

N.B. : Order issued as per Item No. 8 of the 8th Executive Council meeting held on AUGUST 19, 1988.

Encl. One copy of the Inspection Report.

Copy to :

1. D.P.I., Govt. of West Bengal, Writers Bldg., Cal-1.
2. The Controller of Examinations, Vidyasagar University.
3. The Secretary, Under Graduate Council, Vidyasagar University.

(v) No full time lecturer in Physiology has been appointed.

Only the part timers do the job by taking more classes in addition to their normal load. Only one full time teacher in Botany is serving the Institution. Here also the part timers take more classes. There is shortage of non-teaching staff in the department of Physics & Chemistry, Zoology, Botany and Physiology. There is only one Lab. Instructor who is serving in all the three Bio Departments.

(vi) The affiliation for B.Sc. (Bio Science Pass) was given temporarily. Principal has made an application (vide memo No.P.B. 359/29 dated 18.3.88) for giving permanent extension of affiliation in Zoology and Botany upto B.Sc. Pass Standard with effect from 1988-89 session.

(vii) Students gave one deputation to increase the intake capacity of the College so that the local demands can be fulfilled. There is tremendous local pressure for increasing the intake capacity of Bio Pass.

(viii) The Bio Sc. (Pass with Chemistry combination) result (1987) is not at all satisfactory.

R_e_c_o_m_m_e_n_d_a_t_i_o_n_s : In view of the above facts the following recommendations are made subject to fulfilment of some conditions given herewith.

(i) The intake capacity in 1st. year Chemistry Honours may be made 20 (Twenty) from the session 1988-89. (in place of 10)

(ii) The intake capacity in 1st. year Physics Honours may be made 20 (Twenty) from the session 1988-89. (in place of 10)

(iii) Considering the laboratory facilities prevailing now, the intake capacity in 1st. year B.Sc. (Bio Sc., Physio, Zoology, Botany) may be made strictly 100 (Hundred) from the session 1988-89 (in place of 30).

(iv) Permanent extension of affiliation in Bio Sc.(Pass) may be given with effect from 1988-89.

THE CONDITIONS :

(i) Necessary non-teaching staff should be appointed in the laboratories (Chemistry, Physics, Physiology, Zoology & Botany).

(ii) Immediately two full time teacher in the department of Physiology and one full time teacher in Botany should be appointed.

(iii) More books should be purchased mainly for the Bio Science (Pass) departments to cater to the needs of the students.

- (iv) Physiology laboratory should be equipped with proper facilities.
- (v) Regular Practical Classes in the Bio Sc. departments should be held even in the 1st. year classes to do justice to the syllabus as well as to the students.
- (vi) The College authority should take steps so that more classes (both Theoretical & Practical) are held in the departments as mentioned.
- (vii) A few more drums to be purchased immediately.
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Signature of the Inspecting Team :

-
- | | |
|--|---|
| 1. Sd/- Kali Pada Jana
Dept. of Chemistry
Midnapore College. | 2. Sd/- P. K. Giri
Dept. of Physics,
Midnapore College. |
| 3. Sd/- A. P. Roy,
Dept. of Botany
Midnapore College &
Member U.G. Council. | 4. Sd/- Santosh Kr. Ghorai,
Deputy Inspector of Colleges,
Vidyasagar University,
Midnapore : |

karmakar :

PKM/IC/297/88/61x3



VIDYASAGAR UNIVERSITY

MIDNAPORE - WEST BENGAL - PIN-721102

Phone : (03322) 60594 / 62207 / 62201 / 62441 / 60555

Ref. No. DU/IC/Adm/1/2002-2003

Date 12.8.02

From : Harihar Showick,
Deputy Inspector of Colleges

To : The Principal,
Fanskura Bananali College,
P.O. Fanskura S.S.,
Distt. Purba Medinipur.

Sub : Temporary extension of affiliation in (1) Botany (Dons) and Physiology (Dons) in the 3-years degree course with effect from the session 2002-2003.

Dear Sir,

In terms of the Government Order (vide SFI's letter No. 419 (F & S) dated 5.7.02) and as per decision of the Executive Council 6.8.02 Fanskura Bananali College has been granted temporary extension of affiliation in (1) BOTANY (DONS) & (2) PHYSIOLOGY (DONS) in the 3-years degree course with effect from the session 2002-2003 subject to the fulfilment of the conditions as laid down in the Inspection Report and also the conditions as follows :

- (1) At the end of each academic session the Principal will send specially a report regarding No. of classes/Tutorials, No. of Teaching Days, Students and Teachers attendances.
- (2) In case of any irregularity, Non-compliance of the University Directives, consecutive bad performances in the University Examinations, the extension of affiliation will be withdrawn unilaterally.

With regards,

Yours sincerely,

(Harihar Showick)
DEPUTY INSPECTOR OF COLLEGES

Encl: Inspection Reports (02 nos.)

- Copy to :
- 1) The Director of Public Instructions, Education Directorate, Sikesh Bhawan, Salt Lake City, Kolkata-91
 - 2) The Secretary, Education Dept. Govt. of West Bengal.
 - 3) The Registrar, Vidyasagar University.
 - 4) The Controller of Examinations, Vidyasagar University.
 - 5) The Secretary, U.C. Council, Vidyasagar University.

(Harihar Showick)
DEPUTY INSPECTOR OF COLLEGES

SITY OF CALCUTTA

REGISTRAR



No. C/1767/102 (Affl.).

When replying please quote
Number, Date and Subject.

Senate House, the 17th May, 1967.

79 MAY 1967

To


The Secretary,
Panskura Banamali College,
P.O. Panskura R.S.,
Dist. Midnapore.

sent

Sir,

With reference to your letter No. PBC 2438/29, dated 7.4.67, I am desired to inform you that, in extension of the affiliation already granted, the Panskura Banamali College has been affiliated in Principles of Education, Educational Psychology, General Methods - School Organization and Health Education, History of Educational Ideas and Method with special reference to current problems, in Contents and Methods subjects viz. English, Bengali, History, Mathematics, Economics and Civics, and Social Studies and in additional subjects viz. Educational and Vocational Guidance, Mental and Educational Measurement, Mental Hygiene, Education in Ancient and Modern India to the B.T. standard with effect from the session 1967-68, i.e. with permission to present candidates in the above-mentioned subjects at the B.T. Examination in 1968 and not earlier.

Yours faithfully,


(A.K. Mitra)
for Registrar.

De:



VIDYASAGAR UNIVERSITY

P.O. : Vidyasagar University, Midnapore - 721 102, Dist.: Paschim Medinipur.

Ref. : VU/R/Affi./666 /07

Dated : 20.08.2007.

To
The Principal,
Panskura Banamali College,
P.O. : Panskura R.S.,
Dist. : Purba Medinipur.

Sub : Granting affiliation of 2-Year Postgraduate Course in Chemistry to Panskura Banamali College, Panskura from the academic session 2007-2008.

Dear Sir,

The undersigned is to inform you that on the basis of the Inspection Report submitted by the duly constituted Inspection Team the Hon'ble Vice-Chancellor has been pleased to approve granting temporary affiliation to Panskura Banamali College for introduction of 2-Year Postgraduate Course in Chemistry from the academic session 2007-2008 subject to the fulfillment of the following terms & conditions :

The terms & conditions of affiliation of the above courses :

01. The intake capacity at the initial stage for the above mentioned course is 25.
02. Students will be admitted purely on merit basis and admission list will be prepared by the University centrally.
03. At least 3 full-time teachers (one each in Inorganic, Organic & Physical Chemistry) are to be appointed before starting the Course. The teachers will be qualified as per the UGC norms.
04. Three Technical Assistants (one having knowledge in computer) and three Laboratory Attendants be appointed before commencement of the course.
05. New apparatus are to be purchased for Physical Chemistry experiments in consultation with the Head, Deptt. of Chemistry, Vidyasagar University.
06. A new Laboratory to be developed for Organic and Inorganic students with a capacity of accommodating at least 20 students.
07. The college should purchase a few additional computers for the Department and arrange for Internet connection.
08. Instruments like, Spectrophotometer, I.R. Spectrophotometer, electronic balance etc. to be purchased immediately.
09. Text books of Rs.1,00,000.00 per year should be purchased in the mainstream area of M.Sc. in P.G. Chemistry syllabus.
10. Strong links be maintained for initial planning and implementation of teaching with the parent Department of Chemistry of Vidyasagar University.
11. The college must produce compliance report to the University that it has fulfilled the conditions as stated above before starting the Course.

An early reply accepting the terms and conditions of granting affiliation of the 2-Year Postgraduate Course in Chemistry of Panskura Banamali College by the Governing Body/College Authority should reach the undersigned with a copy to the Inspector of Colleges.

Thanking you,

Yours sincerely,

Ranjit Dhar
(Dr. Ranjit Dhar) 20.8.07

Registrar,
Vidyasagar University
Midnapore

PANSKURA BANAMALI COLLEGE, PANSKURA

In pursuance of the orders of the Vice-Chancellor and Syndicate we inspected the Panskura Banamali College on February 27, 1963 and examined the claims of the College to extension of affiliation in Commercial Geography and Commercial Arithmetic and Book-keeping to the Pre-University standard and in Bengali and History to the B.A. Honours standard.

This College which came into being in 1961-62 has made good progress in course of a year and a half and is now affiliated to the B.A. and B.Com. Pass standards. The institution owes its existence to the princely donations made by Sri Banamali Khatun who has already spent more than Rs.3,000,00/- (Rupees three lakhs) towards construction of the building and purchase of Laboratory equipment and library books. Sri Khatun's son who is the Secretary to the Governing Body of the College has shown us a blue print for the proposed hostel building; the entire cost of the hostel building will be borne by Sri Khatun. This hostel building when completed will provide comfortable accommodation to those students who now reside in a rented building.

At the out-set we discussed with the Management the financial implications of the proposal to go in for extension of affiliation in so many subjects all at a time in the second year of the life of the College. We particularly pointed out that the College will have to appoint eight additional whole-time lecturers in 1963-64 in subjects in which it is already affiliated. It will be a very risky enterprise on the part of the management to go in for such rapid expansion as contemplated before consolidating the arrangements for subjects in which it is already affiliated. At our suggestion the Secretary has readily agreed to drop his proposal for extension of affiliation in Commercial Geography and Commercial Arithmetic and Book-keeping to the Pre-University standard and in History to the B.A. Honours standard for the present.

We, therefore, examined the prospect of introducing honours course in Bengali only. As the College has a roll strength of about 500 in the current session and as the Secretary has undertaken to bear the entire additional expenditure necessary for the introduction of honours course in Bengali, we have advised him to purchase books on Bengali worth Rs.4,000/- before the commencement of the session 1963-64. These, we have pointed out, should include four copies of each of the text and reference books recommended for the Bengali honours course. The Secretary has also expressed his willingness to earmark a separate room for the Bengali honours seminar. The seminar should be equipped with adequate furniture and books.

We have calculated the work-load of the Bengali department keeping in view the requirements of the honours course and the total work-load comes to 181 periods per week at the ultimate stage. The existing number of teachers in Bengali is two and with the opening of the honours course it will have to be raised to seven- two additional lecturers to be appointed in 1963-64, two more in 1964-65 and one in 1965-66. While making these additional appointments care should be taken to select properly qualified teachers with honours at their B.A. stage. The management has agreed to implement this condition.

We, therefore, recommend that the Panskura Banarali College be granted extension of affiliation in Bengali to the B.A. Honours standard with effect from the session 1963-64 on the following conditions:-

Conditions:

- 1) Pass and Honours classes must be held separately.
- 2) Books on Bengali worth Rs.4,000/- are purchased.
- 3) A seminar room with necessary furniture and books is provided.
- 4) Five additional Lecturers are appointed in the manner prescribed in the report, over and above the existing teachers.

Senate House,
Calcutta.

S.P. Mukherjee
A.J. Banerji
A. Bhattacharyya

The 15th March, 1963.

Circulated to the members of the College Committee (O.T.P.)

in connect on with item No. 23 of the Committee dated 11.4.63.

Senate house, {
The 6th April, 1963. }

G.C. Raychaudhuri,
Registrar.



PHONE { MID.-2297
MID.-2441
MID.-3201
S.T.D CODE : 03226

VIDYASAGAR UNIVERSITY

MIDNAPORE :: WEST BENGAL.

PIN-721102.

Ref. No. VU/IC/Affl./156/95-96.

Date SEPT. 06
1995.

From: Dr. Santosh Kr. Ghorai,
Inspector of Colleges.

To: The Principal,
Panskura Banamali College,
P.O.: Panskura R. S.,
Dist: Midnapore.

Sub: Provisional Extension of affiliation in 2-yrs Degree Pass in
Computer Science with effect from the session 1995-96.

Dear Sir,

In terms of the views of the Govt. (Vide DPI's letter No. ED-475/95 dated 28 July '95) and the resolution of the Executive Council dated 18.8.95, Panskura Banamali College has been granted provisional extension of affiliation in Computer Science(Pass) with effect from the session 1995-96 subject to the following conditions :

- (i) no teaching or non-teaching posts is sanctioned for the present;
- (ii) the College authority will be responsible to run the Course. Necessary books, equipments etc. will have to be purchased;
- (iii) guest-teachers shall be immediately appointed to run the Course and to complete the syllabus as prescribed by the University. The full time teachers of the College will also take the relevant classes under his academic jurisdiction irrespective of his Department/Stream;
- (iv) the intake capacity in the first year class for Computer Science(Pass) is - 30;
- (v) the Principal/Teacher-in-Charge will send specially a report regarding number of classes(Theory/Practical)/tutorials held, at the end of each academic session;
- (vi) the College authority must obey the directions sent from time to time by the University through Inspector of Colleges;
- (vii) Permanent extension of affiliation will be given after proper inspection in due time;

VIDYASAGAR UNIVERSITY
MIDNAPORE :: WEST BENGAL.

PIN-721102.


Ref. No.....

Date.....

-:: 2 ::-

(viii) in case of any irregularity, non-compliance of the University directives & consecutive bad performances in the University examinations this provisional extension of affiliation will be withdrawn unilaterally by the University following the report of the Inspector of Colleges.

With regards,
Yours faithfully,


(Dr. Santosh Kr. Ghorai)
INSPECTOR OF COLLEGES

- Copy to, 1. The Director of Public Instructions, Education Directorate,
Bikash Bhawan, East Block, 6th Floor, Bidhan Nagar, Cal.: 91.
2. The Secretary, Education Department, Bikash Bhawan,
 3. The Controller of Examinations, Vidyasagar University,
 4. The Deputy Registrar, Vidyasagar University,
 5. The Secretary, U. G. Council, Vidyasagar University.

(Dr. Santosh Kr. Ghorai)
INSPECTOR OF COLLEGES.

Midnapore, West Bengal, Pin-721102

No. VJ/IC/Affl./42/96-97.

Date AUGUST 09,
1996.From: Dr. Santosh Kt. Ghosei,
Inspector of Colleges.To: The Principal,
Panskura Banamali College,
P.O.: Panskura R. S.,
Dist: Midnapore.Sub: Provisional extension of affiliation in Computer Science(Hons.) in
the degree course with effect from the session 1996-97.

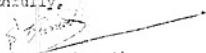
Dear Sir,

In terms of the views of the Govt.(vide DPE's letter no. ED-434/1(1) Dt. 31.7.96) and the Decision of the Executive Council dated 02.8.96, Panskura Banamali College, P.O.P Panskura R.S., Dist: Midnapore has been granted provisional extension of affiliation in Computer Science(Hons.) in degree course with effect from the session 1996-97. This provisional extension of affiliation is given subject to the following conditions:

- (i) this permission is purely temporary;
- (ii) the course will run on self-financing basis till the Govt. grant is received;
- (iii) the College authority will take necessary steps for the purchase of books and appointment of guest teachers beyond the coverage of full work load of whole time teachers of the College;
- (iv) the number of students to be admitted in the 1st. Year Computer Science(Hons.) class must not exceed 20(twenty).
- (v) at the end of each academic session the Principal will send specially a report regarding number of classes/tutorials held, no. of teaching days & students' and teachers' attendance;
- (vi) in case of any irregularity, non-compliance of the University directives, consecutive bad performances in the University Examinations, this provisional permission will be withdrawn unilaterally.

With regards,

Yours faithfully,


 (Dr. Santosh Kt. Ghosei)
 INSPECTOR OF COLLEGES.

Copy to: (i) The Director of Public Instructions, Education Directorate;
 (ii) The Secretary, Education Department, W.B.;
 (iii) The Controller of Examinations, Vidyasagar University;
 (iv) The Deputy Registrar, Vidyasagar University;
 (v) The Secretary, U. G. Council, Vidyasagar University.



VIDYASAGAR UNIVERSITY

Midnapore - 721 102

Ref.: VU/R/SEC-E/ 505 /04

Dated : 23.08.2004.

To
The Principal,
Panskura Banamali College,
P.O. : Panskura R.S.
Dist. : Purba Medinipur.

Sub : Granting affiliation of 2-Year Postgraduate Course in Computer Science to Panskura Banamali College, Panskura from the academic session 2004-2005.

Dear Sir,

The undersigned is directed to inform you that the Executive Council of the Vidyasagar University on 20.08.2004 considered the Inspection Report submitted by the duly constituted Inspection Team and granted temporary affiliation to 2-Year Postgraduate Course in Computer Science of Panskura Banamali College, Panskura which will run the course from the academic session 2004-2005 :

The terms & conditions of affiliation of the above courses :

01. The intake capacity at the initial stage for the above mentioned course is 20.
02. Students will be admitted purely on merit basis and admission list will be prepared by the University centrally.
03. At least 4 whole-time teachers and 4 Guest-teachers are to be appointed before starting the course. The teachers should be qualified as per UGC norms.
04. Books worth Rs 1,00,000.00 (at least) should be purchased in the relevant area.
05. Internet accessing in the Department is necessary.
06. One Lab. Attendant and one Technical Assistant are required to be appointed on whole-time basis.
07. The college will have to submit a compliance report to the University after fulfilling the above conditions on receipt of which formal affiliation will be extended.

An early reply accepting the terms and conditions of granting affiliation of the 2-Year Postgraduate Course in Computer Science of Panskura Banamali College by the Governing Body/College Authority should reach the undersigned with a copy to the Inspector of Colleges.

Thanking you,

Yours sincerely,


Registrar.

Registrar
Vidyasagar University
Midnapore-721102



PHONE { MID.-2297
 MID.-2441
 MID.-3291
S.T.D CODE: 03226

VIDYASAGAR UNIVERSITY

MIDNAPORE :: WEST BENGAL.

PIN-721102.

Ref. No. VU/IC/Affl./156/95-96.

Date: SEPT. 06,
1995.

From: Dr. Santosh Kr. Ghorai,
Inspector of Colleges.

To: The Principal,
Panskura Banamali College,
P.O.: Panskura R. S.,
Dist: Midnapore.

Sub: Provisional Extension of affiliation in 2-yrs Degree Pass in
Computer Science with effect from the session 1995-96.

Dear Sir,

In terms of the views of the Govt. (Vide DPI's letter No. ED-475/95 dated 28 July '95) and the resolution of the Executive Council dated 18.8.95, Panskura Banamali College has been granted provisional extension of affiliation in Computer Science(Pass) with effect from the session 1995-96 subject to the following conditions :

- (i) no teaching or non-teaching posts is sanctioned for the present;
- (ii) the College authority will be responsible to run the Course. Necessary books, equipments etc. will have to be purchased;
- (iii) guest-teachers shall be immediately appointed to run the Course and to complete the syllabus as prescribed by the University. The full time teachers of the College will also take the relevant classes under his academic jurisdiction irrespective of his Department/Stream;
- (iv) the intake capacity in the first year class for Computer Science(Pass) is - 30;
- (v) the Principal/Teacher-in-Charge will send specially a report regarding number of classes(Theory/Practical)/tutorials held, at the end of each academic session;
- (vi) the College authority must obey the directions sent from time to time by the University through Inspector of Colleges;
- (vii) Permanent extension of affiliation will be given after proper inspection in due time;



When replying please quote
Number, Date and Subject.

REGISTRAR

Senate House. the 7.3. 1962

To
The Secretary,
Panskura Banamali College.

Sir,

With reference to your letter No.PBC.14(5) dated the 22nd August, 1961 seeking for extension of affiliation in certain subjects to the Pre-University, B.A.Pass and B.Sc.Pass standards of the 3-Year Degree Course with effect from the session 1962-63, I am desired to inform you that your college has been granted extension of affiliation in Economics Pass only to the B.A.Pass standard of the 3 Year Degree course with effect from the session 1962-63 i.e. with permission to present its first batch of students with the subject at the B.A.Pass Part I examination in 1964 and B.A.Pass Part II examination in 1965 and not earlier subject to the fulfilment of the following conditions:-

1. ~~Five~~ Books in Economics worth at least Rs.2,000/- should be purchased during the current session.
2. 2 whole-time lectures in Economics should be appointed, one from the session 1962-63 and the other from the session 1963-64 (Both of them should be either M.A. in Economics or M.A. in Economics and Political Philosophy Group A preferably with Economics Honours at their B.A. Examination)

Yours faithfully,

JC

G. S. Raychaudhuri
(G.S. Raychaudhuri)
Registrar

Mc
5
19/7/62

VIDYASAGAR UNIVERSITY
MIDNAPORE : 721 101

INSPECTION REPORT FOR EXTENSION OF AFFILIATION IN THE PANSKURA BANAMALI
COLLEGE .
PCO: PANSKURA
DIST. MIDNAPORE.

1. Date of Inspection : JANUARY 18, 1990.
2. Purpose : To report for the extension of affiliation in Geography (Pass & Hons.) (vide also DPI's letter 1597-C/NCC dated 29.6.89). As directed by the Vice-Chancellor the Inspecting Team visited the Panskura Banamali College.
3. FINDINGS AND RECOMMENDATIONS : The conditions for extension of affiliation laid down in the Vidyasagar University Statutes (vide Chapter IV) were thoroughly checked in connexion with the prayer for extension of affiliation by the College authority. G.B. resolutions in the above mentioned subject are quoted :
 - (a) G.B. Resolution dated 7.11.87;
" After necessary discussion it was resolved that the Govt. as well as University be approached for seeking affiliation on the following subjects under different courses √ :
 - (i) B.A. - Economics (Hons.)
 - (ii) B.A. - Geography (Pass)
 - (b) G.B. Resolution dated 2.9.89 ;
" It was resolved that the principal is authorised to move the Govt. for extension of affiliation in Geography (Hons.) instead of Geography (Pass) in view of the availability of the U.G.C. Grant towards construction of class and Laboratory rooms during 7th plan period. "
The College is running with B.A., B.Sc., B.Com., B.Ed., Sections. The Time-Table of the College depicts that the duration of the teaching-time in the normal working day is from 7 A.M. to 3 P.M. More than three thousand students are enrolled in the College. There will be no space-problem, as the College has received the development-grant from the U.C.C. & State Govt. in the 7th plan period.
Considering all the statutory aspects and demands of the locality the Inspecting Team recommends to open the Geography (Pass and Hons.) from the Session 1990-91 in the Panskura Banamali College subject to the following conditions :
 - (i) The appointment of Teaching and non-teaching ~~staff~~ staff should strictly be made in the following manner :



Head Office
V. B. P. O.
Midnapore
24.4.91

Received
18.04.1991

Mid - 2329
Mid - 2297
Mid - 2443

VIDYASAGAR UNIVERSITY

Midnapore, West Bengal, Pin-721101.

Ref. No. VU/IC/31 /91-92.

Date 20-04-1991.

From : Dr. Santosh Kr. Ghorai,
Inspector of Colleges.

To : The Principal, & Secretary, G.B.,
Panskura Banamali College,
P.O. Panskura R.S.
Dist. Midnapore : 721 152.

Sub : PERMISSION TO TEACH ECONOMICS (HONS.) FROM SESSION 1991-92
(vide your letter PBC 1440/29 dated 6.4.91).

Dear Sir,

I am directed to inform you that the PANSKURA BANAMALI COLLEGE is permitted to teach ECONOMICS (HONS.) in the degree course from the session 1991-92. The first batch of Economics (Hons.) students will appear at the B.A./B.Sc. Pt. I final examination in 1993 and B.A./B.Sc. Pt. II Examination in 1994. The conditions given herewith are :

- (i) the permission to teach the above mentioned subject is purely temporary.
- (ii) no extra post of the teaching staff in this connexion will be asked for. The teachers of the Economics Dept. and Mathematics Dept. will bear the load. Guest-Teachers may be appointed if the number of classes exceeds 24 periods per teacher per week.
- (iii) the College authority will bear the necessary financial burden in connexion with the library facilities, contingencies and remuneration of the Guest-Teachers.
- (iv) the number of students to be admitted in the 1st. year B.A./B.Sc. (Economics Hons.) must not exceed 20 (twenty).
- (v) the Principal will submit all the records to the undersigned regarding number of classes held (subject and paper taken), number of days physically attended by the teaching and non-teaching staff of the College at the end of each academic session. If proper standard of teaching and/or required

number of classes.....



VIDYASAGAR UNIVERSITY
MIDNAPORE.

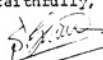
Continuation Sheet

Page No.....

- 1 2 1 -

number of classes to be held per papers are not maintained
this permission will be withdrawn without any communication.

Yours faithfully,


(Dr. Santosh Kr. Ghorai)
INSPECTOR OF COLLEGES.

Copy to :

- (i) The Director of Public Instructions, Calcutta.
- (ii) The Controller of Examinations, V.U.
- (iii) The Registrar (Acting) V.U.
- (iv) The Secretary, U.G. Council, V.U.

(Dr. Santosh Kr. Ghorai)
INSPECTOR OF COLLEGES.

Karmakar :

100-231
100-244
100-255
100-266

VIDYASAGAR UNIVERSITY
MIDNAPORE - WEST BENGAL

F.N-72102.

N. N. VU/SC/Affl./117/98-99.

No. **ADD. 12,**
1998.

From: Dr. Santosh Kr. Ghosal,
Inspector of Colleges.

To: The Principal,
Fankura Bansawali College,
P.O.: Fankura B., S.,
Distt Midnapore.

Sub: Provisional extension of affiliation in Physical Education(Pass) in the degree course with effect from the session 1998-99.

Dear Sir,

In terms of the views of the Govt. (Vide-DGT's letter no. 21/1(3)
N.S(P & S)/98
Dt. 16.7.98) and the decision of the Hon'ble Vice-Chancellor dated 7.8.98, Fankura Bansawali College, P.O.: Fankura B., S., Distt Midnapore has been granted provisional extension of affiliation in Physical Education(Pass) in the degree course with effect from the session 1998-99 subject to the following conditions :

- (i) the affiliation is pure temporary;
- (ii) it will be self financing till the Govt. grant is received for this purpose;
- (iii) necessary books, sports equipments and benches be purchased;
- (iv) Guest-Teachers be appointed as and when necessary to complete the Physical Education (Pass) syllabus;
- (v) the intake capacity in the 1st. year class for Physical Education(Pass) =50(fifty). Students should possess uniform dress;
- (vi) at the end of each academic session the Principal will send specially a report regarding number of classes/tutorials held, no. of teaching days, students & teachers attendance;
- (vii) in case of any irregularity, non-compliance of the University directives, consecutive bad performances in the University Examinations, the provisional extension of affiliation will be withdrawn unilaterally.

With regards,

Yours faithfully,


(Dr. Santosh Kr. Ghosal)
INSPECTOR OF COLLEGES

- Copy to: (i) The Director of Public Instructions, Education Directorate, Bishesh Shovan, Bishesh Nagar, Calcutta-700 091.
(ii) The Secretary, Education Department, West Bengal.
(iii) The Controller of Examinations, Vidyasagar University.



VIDYASAGAR UNIVERSITY

MIDNAPORE :: WEST BENGAL :: PIN-721102

Phone : (03222) 80354 / 62297 / 63301 / 62441 / 80555

Ref. No. VU/IC/Insp(Affl)/96/2002-2003

Date.....
JULY 22, 2002.

From: The Office of the
Inspector of Colleges.

To: The Principal,
Panskura Banamali College,
P.O.: Panskura R. S.,
Dist: Midnapore(Purba).

Dear Sir,

Your College will be inspected on JULY 25, 2002 at about 11 A.M. in connection with the extension of affiliation in the following subject(s) at degree level:

1. Botany (Hons.);
2. Physiology (Hons.) &
3. Education (Hons.).

This is for your information and necessary action.

With regards,

Yours faithfully,

(H. Showmick)
DEPUTY INSPECTOR OF COLLEGES

AKM/-



VIDYASAGAR UNIVERSITY

MIDNAPORE :: WEST BENGAL :: PIN-721102

Phone : (03222) 60584 / 62297 / 63201 / 62441 / 60555

Ref. No. VU/IC/Affil./16/2002-2003

Date.....
AUGUST 16, 2002

From: The Office of the
Inspector of Colleges.

To: The Principal,
Panskura Banamali College,
P.O.: Panskura R. S.,
Dist: Purba Medinipur.

Sub: Temporary extension of affiliation in EDUCATION (Honours) in the 3-years degree course with effect from the session 2002-2003.

Dear Sir,

In terms of the Government Order (vide V.C, V.U's letter No.VU/VC/153/2002 dated 07/8/2002) and as per decision of the Executive Council dated 06/8/2002, Panskura Banamali College has been granted temporary extension of affiliation in EDUCATION (Honours) in the 3-years degree course with effect from the session 2002-2003 subject to the fulfilment of the recommendations as laid down in the Inspection Report and also the conditions as follows :

- (1) at the end of each academic session the Principal will send specially a report regarding (i) No. of classes/tutorials; (ii) No. of Teaching days; (ii) Students and Teachers attendances.
- (2) in case of any irregularity, non-compliance of the University Directives, consecutive bad performances in the University Examinations, the extension of affiliation will be withdrawn unilaterally.

With regards,

Yours faithfully,


(Harihar Bhowmick)
DEPUTY INSPECTOR OF COLLEGES

Encl.: Inspection Report.

Copy to:

- (1) The Director of Public Instructions, Education Directorate, Bikash Bhawan, Salt Lake City, Kolkata-700 091.
- (2) The Secretary, Deptt. of Higher Edn., Govt. of West Bengal.
- (3) The Registrar, Vidyasagar University.
- (4) The Controller of Examinations, Vidyasagar University.
- (5) The Secretary, U. G. Council, Vidyasagar University.

Government of West Bengal
Education Directorate
(Planning & Statistics.)
"Pikash Bhawan" 8th floor, Salt Lake, Kolkata-91.
.....

No. 443 - (P & S) , Dated, Kolkata, the 21. 8. 2002.
H.S.-1/02

From : The Director of Public Instruction and
Ex-Officio Secretary to the Govt. of West Bengal,
Education Directorate.

To : The Inspector of Colleges,
Vidyasagar University
P.O. - Vidyasagar University
Dist. - Medinipur.

Sub.:- Extension of affiliation to new subjects from
2002-2003 in non-government colleges, where
no additional teaching or non-teaching posts
may be created.

.....

The undersigned has been directed to communicate that
the West Bengal State Government has no objection in giving
administrative approval to introduce the proposed subjects /
courses in the listed colleges, subject to the granting of
affiliation by the University for the same.

No teaching or non-teaching posts may be created by the
State Government for the proposed subjects / courses.

Kindly inform the Education Directorate of your
decision at the earliest.

S. K. Chaudhuri

for the Director of Public Instruction
& Ex-officio Secretary to the Govt. of
West Bengal.

Encls: List of
Colleges with
proposed
subjects/courses.

SIXTH LIST

Extension of affiliation to new subjects/ courses
from 2002-2003 in non-government Colleges,
where no additional posts are proposed.

<u>Sl no.</u>	<u>College</u>	<u>Subject proposed</u>
<u>VIDYASAGAR UNIVERSITY</u>		
<u>DISTRICT : MEDINIPUR</u>		
1)	Raniagar College	.. Sociology (G)
2)	Garhbeta College	.. Physiology (G&H) .. Electronics (H)
3)	Belda College	.. Physics (H) .. Chemistry (H) .. Sanskrit (G)
4)	Panskura Dhanamali College	.. Education (H)
5)	Khejuri College	.. Bengali (H)
6)	Tamralipta Mahavidyalaya	.. Electronics (H) .. Geography (H) .. Computer Science (H)
7)	Subarnarekha Mahavidyalaya	.. Bengali (H) .. History (H)
8)	Narajole Raj College	.. Political Science (H)
9)	Rabindra Shatabarshiki Mahavidyalaya	.. Computer Science (H)

VIDYASAGAR UNIVERSITY

Midnapore 721 002 West Bengal

Phone: (0332) 427023, 42741

Ref.No.VU/IC/ASST./19/90-99.

Date: AUGUST 24, 1998.

From: Dr. Santosh K. Ghosal,
Inspector of Colleges.

To: The Principal,
Paschura Bansali College,
P.O.: Paschura B. S.,
Dist: Midnapore.

Sub: Provisional extension of affiliation in Electronics (Hons.) in
the degree course with effect from the session 1998-99.

Dear Sir,

In terms of the views of the Govt. (Vide-DPI's letter No. 33/1181
2.81P & 2/1/98
Dt. 30.7.98) and the decision of the Hon'ble Vice-Chancellor, Paschura
Bansali College, P.O.: Paschura B. S., Dist: Midnapore has been granted
provisional extension of affiliation in Electronics (Hons.) in the
degree course with effect from the session 1998-99 subject to the following
conditions :

- (i) the affiliation is purely temporary;
- (ii) it will be self financing till the Govt. Grant is received for this purpose;
- (iii) necessary books and Lab. equipments be purchased;
- (iv) Guest-teachers be appointed as and when necessary to complete the syllabus;
- (v) the intake capacity in the 1st. year class for Electronics (Hons.) = 10 (twenty);
- (vi) at the end of each academic session the Principal will send specially a report regarding number of classes/tutorials held, no. of teaching days, students & teachers attendance;
- (vii) In case of any irregularity, non-compliance of the University directives, consecutive bad performances in the University Examinations, the Provisional extension of affiliation will be withdrawn unilaterally.

With regards,

Yours faithfully,


Dr. Santosh K. Ghosal
INSPECTOR OF COLLEGES.

- Copy to:
- (i) The Director of Public Instructions, Education Directorate, Siksha Bhawan, Salt Lake City, Calcutta-700 091.
 - (ii) The Secretary, Education Department, West Bengal.
 - (iii) The Controller of Examinations, Vidyasagar University.
 - (iv) The Registrar, Vidyasagar University.
 - (v) The Secretary, U. G. Council, Vidyasagar University.

Dr. Santosh K. Ghosal
INSPECTOR OF COLLEGES.



VIDYASAGAR UNIVERSITY

MIDNAPORE * WEST BENGAL * PIN 721102

Phone : (03222) 276554 :: 276555 :: 276557 :: 276558

Ref. No. VU/IC/143/2007

Date 29.06.2007

From : The Inspector of Colleges
Vidyasagar University

To : The Principal
Panskura Banamali College
Panskura 721 152
Purba Medinipur

Subject : Extension of Temporary Affiliation in the subject noted below from the session 2007-2008

Dear Sir,

In terms of the recommendation of the West Bengal State Council of Higher Education and the approval of the authority, Vidyasagar University, your college has been granted temporary affiliation in the following subjects from the session 2007-2008 subject to fulfilment of the conditions stated under :

<u>Subject(s) Affiliated</u>	<u>Intake Capacity</u>
English (General)/Elective English	50

Conditions :

- At the end of each academic session the Principal will send special a report regarding No. of Classes/Tutorials ; No. of teaching days, Students and Teachers attendances.
- In case of any irregularity, non compliance of the University Directives, consecutive bad performances in the University Examinations, the extension of affiliation will be withdrawn unilaterally.
- For English (General):
 - The college was given affiliation in English (H) some thirty years back.
 - The Department of English has a good library faculty, infrastructure.
 - Result is satisfactory.
- The College must stick to the Intake Capacity.
- As a general condition the college will have to appoint One Full-time and One Part-time teacher for General subjects and Two Full-time and Two Part-time teachers for Honours subjects where there is no teacher in the Department to meet the minimum requirement.
- The College shall furnish a declaration to the University to this term that additional expenditure as required for introduction of the new subjects will be borne by the college till sanctioning/creation of teaching post(s) per the said subject(s) as and when it will be convenient on the part of the Government.

...2.



VIDYASAGAR UNIVERSITY

MIDNAPORE ★ WEST BENGAL ★ PIN 721102

Phone : (03222) 276554 :: 276555 :: 276557 :: 276558

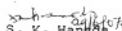
Ref. No.

: 2 :

Date

Thanking you,

Yours sincerely,


(S. K. Hansda)
Inspector of Colleges

INSPECTOR OF COLLEGES



CALCUTTA-12

No. 1707/102 AFFL.

Dated the 22nd August 1973

To
The Principal,
Panskura Banamali College,
Panskura, Midnapore.

Dear Sir,

The annual inspection and also the inspection of your College in connection with your application for extension of affiliation in English and Economics to the B.A. Honours standard will be held on Saturday, the 1st September, 1973 at 11 a.m.

Please keep the information ready as asked for in the questionnaire already sent to you which will be required at the time of inspection.

We shall start by 99 up Panskura Local train from Howrah station at 8-15 a.m. and reaching Panskura station at 9-50 a.m.

We shall be a party of

Yours faithfully,

A. C. Banerji
(A. C. Banerji)
INSPECTOR OF COLLEGES

Handwritten notes:
How clear the
Mr. make all necessary preparations
as per the
the question
make the
Kanchi
20/8/73

PANSKURA BANAMALI COLLEGE, MIDNAPORE.

In compliance with the orders of the Vice-Chancellor and Syndicate we inspected the Panskura Banamali College on July 4, 1966, to report on the application of the Secretary for extension in English and History to the B.A. Honours standard from the session 1966-67.

There are at present four teachers in the department of English including the Principal. Of the three whole-time lecturers two had no Honours in their B.A. and one had special Honours. We, therefore, asked the Principal and the Secretary not to press for extension of affiliation in English to the B.A. Honours standard.

The department of History has two whole-time lecturers of whom Sri Asoke Kumar Khunya is an M.A. in Ancient History and Culture and had no Honours in his B.A. The management will have to appoint three additional whole-time lecturers - one in 1966-67, one in 1967-68 and the third one in 1968-69. All the three lecturers to be appointed should be first or second class M.A.s with good Honours in their B.A. The lecturer to be appointed in 1967-68 should be an M.A. of the Calcutta University of 1965 or 1966 with Honours in the Three-Year Degree Course.

The History section of the college library must be adequately improved. The management will have to provide at least a sum of Rs.6,000/- towards purchase of text and reference books recommended for the Honours course in History. Three or four copies of each of the text books should be purchased.

The Secretary has agreed to make available two medium-sized rooms - one for History Honours classes and the other for History Honours seminar.

We, therefore, recommend that the Panskura Banamali College be granted extension of affiliation in History to the B.A. Honours standard from the session 1966-67 on the following conditions:-

1. Pass and Honours classes must be held separately.
2. Three additional whole-time lecturers as laid down in the report are appointed.
3. Books on History Honours worth Rs.6,000/- are purchased.
4. Two rooms are made available for Honours classes and Honours seminar.
5. All appointments in the teaching staff and any change thereof must be reported to the University for approval.

Senate House,
Calcutta

The 11th July, 1966.

JC.
26/7

Sd. Anilchandra Banerjee
Sd. A.C. Banerjee

Circulated to the members of the Syndicate in connection with item No.34 of the Syndicate dated 6.8.66.

Senate House,
The 2nd August, 1966.

G. C. Raychaudhuri,
Registrar.

101
 10/11/42
 2.9.42

GOVERNMENT OF WEST BENGAL
 Education Directorate
Officers' Buildings, Calcutta.

File
 10/11/42

No. 2144-9/195 Dated Calcutta, the 30/8/1952

From : Director of Public Instruction,
 West Bengal.

To : The Secretary to the Govt. of West Bengal,
 Education Department,
 Officers' Buildings, Calcutta-700 001.

Sub : Parashuram Sen College, P.O. Parashura,
District Midnapore : Extension of Affiliation
 in Geography (Pass) and Economics (Pass),
Session, at the - Viswambhar University, Midnapore-721 101.

S I R.

I have to address the Government on the subject mentioned above and to forward herewith a copy of Memo No. VI/10/103/100-101-102 and dated 14-08-1952 of the Government VI/10/103/100-101-102 along with a copy of inspection report recommending extension of affiliation in Geography (Pass) and Economics (Pass), Parashura Sen College, P.O. P. 1952-53 session subject to fulfilment of the following conditions :

- RECOMMENDATION : Quite Adequate.
Geography Department in U.C. Building with 8 (Four) rooms,
Economics resource also in U.C. Building with 1 (One) room.

<u>ROOMS</u>	<u>1st Year</u>	<u>2nd Year</u>	<u>3rd Year</u>
<u>Geography</u>	<u>Rs. 10,000/-</u>	<u>Rs. 10,000/-</u>	<u>Rs.</u>
<u>Economics</u>	<u>Rs. 10,000/-</u>	<u>Rs. 5,000/-</u>	<u>Rs.</u>

EQUIPMENTS

	1st Year	2nd Year	3rd Year
Geography	Rs. 25,000/-	Rs. 10,000/-	Rs. 5,000/-

TOTAL: Rs. 40,000/-

ACQUISITIONS STAFF

	1st Year	2nd Year	3rd Year
Geography	1 Lecturer 1 Lab. Assistant	1 Lecturer	x
Economics	x	1 Lecturer (with Specialisation in Rural Development)	1 Lecturer

This Directorate, therefore, requests Government to kindly approve extension of affiliation in Geography and Economics to Panchsara Samaj College with effect from 1952-53 session.

An early order in the matter is solicited.

Yours faithfully,

M/- Niren Sen,

for Director of Public Instruction,
West Bengal.

Encls as above/

No. 2144/1952 Dated Calcutta, on 30/2/1952

Copy forwarded to the Principal, Panchsara Samaj College, Kankarpokhri.

Panchsara Samaj College, Kankarpokhri District Kankarpokhri for information.

Niren Sen 30/2/52
for Director of Public Instruction,
West Bengal.



PHONE { MID.-229;
MID.-2441
MID.-3201
S.T.D CODE : 03226

VIDYASAGAR UNIVERSITY

MIDNAPORE :: WEST BENGAL.

PIN-721102.

Ref. No. VU/IC/Affl./123/95-96.

Date. AUGUST 23
1995.

From: Dr. Santosh Kr. Ghorai,
Inspector of Colleges.

To: The Principal,
Panskura Banamali College,
P.O.: Panskura R. S.,
Dist: Midnapore.

Dear Sir,

I am directed to inform you that Panskura Banamali College, P.O.: Panskura R.S., Dist: Midnapore has been granted provisional affiliation in Geography (Pass and Hons.) with effect from the session 1995-96 (Vide resolution 46 of the Executive Council Dt. 18.8.95) subject to fulfilment of the conditions mentioned in the Inspection Report dated 18.1.90.

I am therefore to request you to be so good as to implement the conditions mentioned in the report as early as possible & furnish this Office with a report as to how far the conditions have been implemented. Permanent affiliation will be given after proper inspection in due time.

With regards,

Yours faithfully,

(Dr. Santosh Kr. Ghorai)
INSPECTOR OF COLLEGES

Encl.: One copy of the Inspection Report.

- Copy to: (i) The Director of Public Instructions, Education Department, Bikash Bhawan, East Block, 6th Floor, Bidhan Nagar, Cal.:91,
(ii) The Secretary, Education Department, Bikash Bhawan,
(iii) The Controller of Examinations, Vidyasagar University,
(iv) The Deputy Registrar, Vidyasagar University,
(v) The Secretary, U. G. Council, Vidyasagar University.

(Dr. Santosh Kr. Ghorai)
INSPECTOR OF COLLEGES.

See
24.8.95.

VIDYASAGAR UNIVERSITY
MIDNAPORE :: WEST BENGAL.

PIN-721102.

Ref. No VU/IC/Affl./123/95-96.

Date: AUGUST 23,
1995.

From: Dr. Santosh Kr. Ghorai,
Inspector of Colleges.

To: The Principal,
Panskura Banamali College,
P.O.: Panskura R. S.,
Dist: Midnapore.


Dear Sir,

I am directed to inform you that Panskura Banamali College, P.O.: Panskura R.S., Dist: Midnapore has been granted provisional affiliation in Geography (Pass and Hons.) with effect from the session 1995-96 (Vide resolution 46 of the Executive Council Dt. 18.8.95) subject to fulfilment of the conditions mentioned in the Inspection Report dated 18.1.90.

I am therefore to request you to be so good as to implement the conditions mentioned in the report as early as possible & furnish this Office with a report as to how far the conditions have been implemented. Permanent affiliation will be given after proper inspection in due time.

With regards,

Yours faithfully,


(Dr. Santosh Kr. Ghorai)
INSPECTOR OF COLLEGES

Encl.: One copy of the Inspection Report.

- Copy to: (i) The Director of Public Instructions, Education Department, Bikesh Bhawan, East Block, 6th Floor, Bidhan Nagar, Cal.: 91,
(ii) The Secretary, Education Department, Bikesh Bhawan,
(iii) The Controller of Examinations, Vidyasagar University,
(iv) The Deputy Registrar, Vidyasagar University,
(v) The Secretary, U. G. Council, Vidyasagar University.

(Dr. Santosh Kr. Ghorai)
INSPECTOR OF COLLEGES.

See...

~~Proforma for~~ Application to Education Directorate, West Bengal for
Extension of Affiliation in Subjects/Courses.

.....
(To be submitted in Triplicate)

1. Name of College : Full Address :

Date of establishment :

Phone No.

2. Subjects/Courses : in which extension of affiliation is prayed for :

a) H.S. :

b) Degree :

A. Subjects Taught

3. Courses and subjects taught in the College (Stream-wise)

H.S. :

Degree :

B. Roll-Strength

4. Roll-strength of students in different classes (in different Shifts) during the current academic Session : (198 - 198) :

Shift :-

	<u>Classes</u>	<u>Arts</u>	<u>Science</u>	<u>Commerce</u>	<u>Total</u>
1) <u>H.S.</u>					
	Class XI				
	Class XII				
2) <u>Degree (Pass)</u>					
	1st Year :				
	2nd Year :				
3) <u>Degree Hons. (Arts/Sc.)</u>					
	1st Year :				
	2nd Year :				
	3rd Year :				

5. Roll-Strength of Students (subject-wise) : in the current academic session: (198 -)

.....Shift _____

	<u>H.S.</u>	<u>Degree Pass</u>	<u>Degree Hons.</u>	<u>Total</u>
Subjects	XI XII	I II	I II III	

6. Number of Scheduled Caste/Tribe students in the College in different classes in the current session:

7. Number of Girls' Students in the College in different classes (Shift-wise) :

C. Results

8. Performance of students in Board/University Examinations during three preceding years:

Class	Years	Number taught	Number appeared in Final Examination.	Number Passed	P.C. of pass	Remarks
(1)	(2)	(3)	(4)	(5)	(6)	(7)

9. Performance of students in Hons. subjects during three preceding years :

Subjects	Years	Number taught	Number appeared in Final Ex-a.	Number passed with obtain- ing 2nd 1st class	P.C. of Pass	Remarks
(1)	(2)	(3)	(4)	(5)	(6)	(7)

10. In case affiliation in an Hons. subject has been asked for, the performance of students in the last three Examinations in that particular(Pass) subject should be stated :-

Subject (Pass)	Years	Number taught	Number appeared in Final Exam.	Number passed in the subject	P.C. of pass	Remarks
(1)	(2)	(3)	(4)	(5)	(6)	(7)

N.B. If the p.c. of pass of students in the Board/University Examinations (H.S. Degree Pass & Hons.) is less than 50% the reasons for poor performance should be stated below:

D. Posts

11. Number of sanctioned teaching posts already existing in the Department for the subjects/courses in which affiliation is prayed for :- (Shift-wise)

	<u>Number of posts</u>	<u>Name of Teachers working</u>
Whole-time	-	
Part-time	+	

Vacant sanctioned post if any :-

Reasons for the vacancy :-

12. Additional teaching posts required for the subject/course in which affiliation is prayed for :- (during 1st year/2nd year/3rd year)

13. Number of sanctioned non-teaching posts existing in the Department in which the new subject/course is desired to be opened :- (shift-wise)

	<u>Number of posts</u>	<u>Name of staff working</u>
Whole-time	-	
Part-time	-	

14. Additional non-teaching posts required for the new subject/course which is desired to be opened in the Department _____.

21. How the College proposes to meet these fund requirements :-

<u>Amount on different heads</u>				<u>Total</u>
<u>Construc-</u>	<u>Equip.</u>	<u>Books</u>	<u>Furni-</u>	
<u>tion work</u>			<u>ture</u>	

- a) From College Funds (state the name of funds):
- b) From any other source ...
- c) If any Capital grant from the Govt. is required:
- d) Has the College obtained any grant from U.G.C. on this account or prayed for ...

22. Financial Implication (Recurring) in respect of salaries, etc. for the additional teaching and non-teaching staff required for this affiliation :-

Additional Staff required :

	Number	Basic Pay	<u>Allowances</u>			<u>Total Emoluments</u>	
			<u>Total</u>	<u>H.R.A.</u>	<u>M.A.</u>	<u>Pt.time</u>	<u>per month</u>	Per year
			<u>D.A.</u>		<u>allow.</u>		
1) Teaching Staff :							
Full time Lecturers	...						
Part-time Lecturers	...						
2) Non-teaching Staff :						

Total amount required...

H. Justification for the prayer for extension of affiliation

23. Justification for the proposed extension of affiliation :

24. (a) Extent of Local demand, if any :

(b) Number of students expected for the new subject/course :

25. (a) Name of near-by Colleges within a radius of 20 kms. :-

(b) Name of such Colleges where the subject(s)/course, in which the affiliation has been asked for, are taught (the distance of these Colleges should mentioned):

26. Name of Feeder Schools (with distance) which the College serves :-

27. Copies of audited Balance Sheet & Income-Expenditure Statement for the last financial year.

28. Copy of the resolution of the Governing Body of the College approving the prayer for the extension of affiliation :

29. Whether a copy of this application has been sent to the affiliating University also :
(a copy should be sent to the University) :-
Edison
Education Director

30. Name & Address of the nearest Treasury/Sub-Treasury wherefrom grants may be drawn :

Signature of the Principal

Date :

G. C. Srinivasan, M.A., LL.B.,
Ph.D. (L.H.U.),
Registrar,
C. Mareskale, S.A., S.T.,
Assistant Registrar.



SENATE HOUSE,

The 8. 9. 56 No. 6
C/1657/102 Affl.

All communications to the University should give the Number, Date and Subject of previous correspondence.

From
The REGISTRAR, Coimbatore University,

To
The Secretary,
Panikura Sankshali College.

Sir,

With reference to the correspondence resting with your letter No.F.S.C. 1473/29 dated 23.2.56, I am to state that the fourth lecturer in Political Science should have been appointed from the commencement of the session 1955-56. It appears that no appointment has yet been made though the session is going to be over.

Yours faithfully,

A handwritten signature in brown ink, appearing to read "G. C. Srinivasan".

for Registrar.

S.



Ref.No.VU/IC/Affl./183/98-99.

Date: AUGUST 24, 1998.

From: Dr. Santosh Kr. Ghorai,
Inspector of Colleges.

To: The Principal,
Panskura Banamali College,
P.O.: Panskura R. S.,
Dist: Midnapore.

Sub: Provisional extension of affiliation in Microbiology(Hons.) in the
degree course with effect from the session 1998-99.

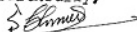
Dear Sir,

In terms of the views of the Govt. (Vide-DPI's letter No. 33/1(8)
N.S(P & S)-2/98
Dt. 30.7.98) and the decision of the Hon'ble Vice-Chancellor, Panskura
Banamali College, P.O.: Panskura R. S., Dist: Midnapore has been grant-
ed provisional extension of affiliation in Microbiology(Hons.) in the
degree course with effect from the session 1998-99 subject to the follow-
ing conditions :

- (i) the affiliation is purely temporary;
- (ii) it will be self financing till the Govt. Grant is received for this purpose;
- (iii) necessary books and Lab. equipments be purchased;
- (iv) Guest-teachers be appointed as and when necessary to complete the syllabus;
- (v) the intake capacity in the 1st. year class for Microbiology (Hons.) = 20(twenty);
- (vi) at the end of each academic session the Principal will send specially a report regarding number of classes/tutorials held, no. of teaching days, students & teachers attendance;
- (vii) in case of any irregularity, non-compliance of the University directives, consecutive bad performances in the University Examinations, the Provisional extension of affiliation will be withdrawn unilaterally.

With regards,

Yours faithfully,


(Dr. Santosh Kr. Ghorai)
INSPECTOR OF COLLEGES.

- Copy to:
- (i) The Director of Public Instructions, Education Directorate, Bikash Bhawan, Salt Lake City, Calcutta-700 091.
 - (ii) The Secretary, Education Department, West Bengal.
 - (iii) The Controller of Examinations, Vidyasagar University.
 - (iv) The Registrar, Vidyasagar University.
 - (v) The Secretary, U. G. Council, Vidyasagar University.

(Dr. Santosh Kr. Ghorai)
INSPECTOR OF COLLEGES.

Government of West Bengal
 Education Directorate
 Vikash Bhaban, Salt Lake, Calcutta-91

Memo No. 33/1 (7)
 N.S. (P45) - 2/98

Dated, Calcutta, the 30.7. 1998

From : The Director of Public Instruction
 Ex-Officio Secretary to the Govt. of West Bengal.

To : ~~The Inspector of College/The Registrar,~~

~~Vidyasagar~~ University
~~P.O. - Vidyasagar University,~~
~~Dist. - Midnapore,~~
~~PIN - 721102.~~

Sub : Extension of affiliation to new subjects in
 Non-Govt. Colleges from 1998-99 academic session.

Ref : Our previous letter, memo no.23/1,dt.16.7.1998

In continuation of the letter referred to above, the undersigned has been directed to communicate to you that the West Bengal State Government has no objection in giving administrative approval to introduce the proposed subjects in the colleges of this second list, subject to your granting of affiliation for the same.

Kindly inform the Directorate of your decision at the earliest.

Enclo : List of Colleges,
 with proposed
 Subjects.

S. K. Choudhuri
 for Director of Public Instruction,
 West Bengal.



VIDYASAGAR UNIVERSITY

Midnapore 721 102 West Bengal

Phone : (03222) 62297/63201/62441

Ref.No.WU/IC/Affl./183/98-99.

Date: AUGUST 24, 1998.

From: Dr. Santosh Kr. Ghorai,
Inspector of Colleges.

To: The Principal,
Panskura Banamali College,
P.O.: Panskura R. S.,
Dist: Midnapore.

Sub: Provisional extension of affiliation in Microbiology(Hons.) in the degree course with effect from the session 1998-99.

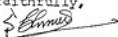
Dear Sir,

In terms of the views of the Govt. (Vide-DPI's letter No. 33/1(8) N.S(P & S)-2/98 Dt. 30.7.98) and the decision of the Hon'ble Vice-Chancellor, Panskura Banamali College, P.O.: Panskura R. S., Dist: Midnapore has been granted provisional extension of affiliation in Microbiology(Hons.) in the degree course with effect from the session 1998-99 subject to the following conditions :

- (i) the affiliation is purely temporary;
- (ii) it will be self financing till the Govt. Grant is received for this purpose;
- (iii) necessary books and Lab. equipments be purchased;
- (iv) Guest-teachers be appointed as and when necessary to complete the syllabus;
- (v) the intake capacity in the 1st. year class for Microbiology (Hons.) = 20(twenty);
- (vi) at the end of each academic session the Principal will send specially a report regarding number of classes/tutorials held, no. of teaching days, students & teachers attendance;
- (vii) in case of any irregularity, non-compliance of the University directives, consecutive bad performances in the University Examinations, the Provisional extension of affiliation will be withdrawn unilaterally.

With regards,

Yours faithfully,


(Dr. Santosh Kr. Ghorai)
INSPECTOR OF COLLEGES.

- Copy to:
- (i) The Director of Public Instructions, Education Directorate, Bikash Bhawan, Salt Lake City, Calcutta-700 091.
 - (ii) The Secretary, Education Department, West Bengal.
 - (iii) The Controller of Examinations, Vidyasagar University.
 - (iv) The Registrar, Vidyasagar University.
 - (v) The Secretary, U. G. Council, Vidyasagar University.

(Dr. Santosh Kr. Ghorai)

VIDYASAGAR UNIVERSITY

<u>Sl. No.</u>	<u>College</u>	<u>Proposed subject.</u>
1.	Panskura Banamali College	i) Microbiology(Hons) ii) Electronics(Hons)



VIDYASAGAR UNIVERSITY

☎032221 275297 276554
P.O.: Vidyasagar University,
Dist.: Paschim Medinipur
Pin : 721 102

Ref. No. VU/R/SEC-11/ 459(5)
/04

Dated : 03.08.2004.

To
The Principal,
Panskura Banamali College,
P.O. : Panskura R.S.,
Dist. : Purba Medinipur Medinipur.


Ref.: Visit of the Committee in connection with the
opening of Postgraduate Courses.

Dear Sir/Madam,

This is to inform you that a Committee of 10(ten)
members will visit your College on 06.08.2004 in
connection with the opening of Postgraduate Courses of
Studies in Computer Science & Bengali respectively as
per the programme attached herewith. Necessary
arrangement may kindly be made on your behalf.

Thanking you,

Yours sincerely,


(Dr. Himansu Ghosh)

3.8.04.

Registrar.

Encl.: as stated above.

Registrar
Vidyasagar University
Midnapore-721102

Memo No: C/1389/102(Affl.), dated 21-2-68.

20 FEB 1968

Copy forwarded to the Secretary, Panskura Banamali
College for information. *Po Panskura, microphone.*


For REGISTRAR.



VIDYASAGAR UNIVERSITY
MIDNAPORE :: WEST BENGAL.

PIN-721102.

Ref. No. VU/IC/Affl./168/98-99.

Date: AUG. 12,
1998.

From: Dr. Santosh Kr. Ghorai,
Inspector of Colleges.

To: The Principal,
Panskura Banamali College,
P.O.: Panskura R. S.,
Dist: Midnapore.

Sub: Provisional extension of affiliation in Physical Education(Pass) in
the degree course with effect from the session 1998-99.

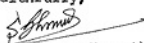
Dear Sir,

In terms of the views of the Govt. (Vide-DPI's letter no. 23/1(3)
N.S(P & S)1/98
Dt. 16.7.98) and the decision of the Hon'ble Vice-Chancellor dated 7.8.98,
Panskura Banamali College, P.O.: Panskura R.S., Dist: Midnapore has been
granted provisional extension of affiliation in Physical Education(Pass)
in the degree course with effect from the session 1998-99 subject to the
following conditions :

- (i) the affiliation is purely temporary;
- (ii) it will be self financing till the Govt. grant is received for this purpose;
- (iii) necessary books, sports equipments and benches be purchased;
- (iv) Guest-Teachers be appointed as and when necessary to complete the Physical Education (Pass) syllabus;
- (v) the intake capacity in the 1st. year class for Physical Education(Pass) =50(fifty). Students should possess uniform dress;
- (vi) at the end of each academic session the Principal will send specially a report regarding number of classes/tutorials held, no. of teaching days, students & teachers attendance;
- (vii) in case of any irregularity, non-compliance of the University directives, consecutive bad performances in the University Examinations, the provisional extension of affiliation will be withdrawn unilaterally.

With regards,

Yours faithfully,


(Dr. Santosh Kr. Ghorai)
INSPECTOR OF COLLEGES

- Copy to: (i) The Director of Public Instructions, Education Directorate,
Bikash Shawan, Bidhan Nagar, Calcutta-700 091.
(ii) The Secretary, Education Department, West Bengal.
(iii) The Controller of Examinations, Vidyasagar University.



VIDYASAGAR UNIVERSITY
MIDNAPORE :: WEST BENGAL

PIN-721102.

Ref. No. VU/IC/Affl./108/98-99.

AUG. 12,
1998.

From: Dr. Santosh Kr. Ghorai,
Inspector of Colleges.

To: The Principal,
Panskura Banamali College,
P.O.: Panskura R. S.,
Dist: Midnapore.

Sub: Provisional extension of affiliation in Physical Education(Pass) in the degree course with effect from the session 1998-99.


Dear Sir,

In terms of the views of the Govt. (Vide-DPI's letter no. ^{23/1(3)} N.S(P & S)1/98 Dt. 16.7.98) and the decision of the Hon'ble Vice-Chancellor dated 7.8.98, Panskura Banamali College, P.O.: Panskura R.S., Dist: Midnapore has been granted provisional extension of affiliation in Physical Education(Pass) in the degree course with effect from the session 1998-99 subject to the following conditions :

- (i) the affiliation is pure temporary;
- (ii) it will be self financing till the Govt. grant is received for this purpose;
- (iii) necessary books, sports equipments and benches be purchased;
- (iv) Guest-Teachers be appointed as and when necessary to complete the Physical Education (Pass) syllabus;
- (v) the intake capacity in the 1st. year class for Physical Education(Pass) =50(fifty). Students should possess uniform dress;
- (vi) at the end of each academic session the Principal will send specially a report regarding number of classes/tutorials held, no. of teaching days, students & teachers attendance;
- (vii) in case of any irregularity, non-compliance of the University directives, consecutive bad performances in the University Examinations, the provisional extension of affiliation will be withdrawn unilaterally.

With regards,

Yours faithfully,


(Dr. Santosh Kr. Ghorai)
INSPECTOR OF COLLEGES

- Copy to: (i) The Director of Public Instructions, Education Directorate, Bikash Shawan, Bidhan Nagar, Calcutta-700 091.
(ii) The Secretary, Education Department, West Bengal.
(iii) The Controller of Examinations, Vidyasagar University.

Annexure to the G.O. No.1344-Gen(CG) dated 15.11.2000
LIST OF non-Govt. Colleges under Jidyasagar University
showing different subjects/courses affiliation during
academic session 1998-99.

Sl.No.	Names of Colleges & addresses	Subjects/Courses
1.	Bajkul Milani Mahavidyalaya.	Bengali(Hons.) English(Hons.) Geography(Pass) Physics(Hons.) Zoology(Hons.) Physiology(Pass) Mathematics(Hons.)
2.	Egra G.B.P. College	English (Hons.)
3.	Garbeta College	Botany (Hons.)
4.	Mahisadal Raj College	Economics(Hons.) Accountancy(Hons.)
5.	Mahisadal Girls' College	Geography(Hons.) Education(Pass)
6.	Mayna College	English(Hons.)
7.	Midnapore College.	Computer Science (Pass & Hons.) Statistics (Hons.)
8.	Pingla Thana Mahavidyalaya	Philosophy(Hons.)
9.	Panskura Banamali College.	Physical Education (Pass)
10.	Raja N.L. Khan Women's College.	Physics (Hons.)
11.	Seva Shree Mahavidyalaya,	Physical Education (Pass)
12.	Tamralipta Mahavidyalaya.	Physiology(Hons.)
13.	Vivekananda Mission Mahavidyalaya,	Bengali (Hons.)
14.	Yogoda Satsanga Falpara Mahavidyalaya	English(Hons.)
15.	Rampagar College,	Bengali(Hons.)
16.	Rabindra Satapathi Mahavidyalaya,	Geography (Hons.)
17.	Sabang Sejanikanta Mahavidyalaya	Economics (Hons.)
18.	Prabhat Kumar College	Geography (Pass) Zoology (Hons.)

*Pls file
for reference*

**Government of West Bengal
Higher Education Department
University Branch
Bikash Bhavan, Salt Lake, Kolkata-91**

No : 617(5)-Edn(U)/1U-44/12

Date : 06.06.2013

From : A.K. Chakraborty
Deputy Secretary to the Govt. of West Bengal

To ✓ The Principal
Panskura Banamali College
P.O. - Panskura R.S.
Dist. - Purulia Midnapore - 721152

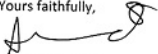
Sub : Approval of PG courses in the Affiliated colleges of Vidyasagar University from session
2013-2014, 2014-2015

Sir,

I am directed to send herewith a copy of letter Ref.no: VU/VC/60/2013, dt: 02/05/2013
alongwith enclosures received from Prof. Ranjan Chakrabarti, V.C. of V.U. on the above noted
subject for your kind information, record and necessary action.

Encl : As stated.

Yours faithfully,


Deputy Secretary
Date : 06.06.2013

No : 617(5)/1(3)-Edn(U)
Copy forwarded for information and necessary action to:

- 1) The Chairman WBSCHE
- 2) The Vice-Chancellor, Vidyasagar University
- 3) D.P.I., West Bengal

No : 617(5)/2(4)-Edn(U)
Copy forwarded for information to:

- 1) O.S.D. & E.O. Special Secretary of this Deptt.
- 2) P.S. to Chief Minister West Bengal
- 3) P.S. to M.I.C., Higher Education Deptt.
- 4) P.A. to the Secretary, Higher Education Deptt.

Deputy Secretary
Date: 06.06.2013

Deputy Secretary



VIDYASAGAR UNIVERSITY

Professor Ranjan Chakrabarti
Vice-Chancellor

Ref. No. VU/VC/60/2013

Date: 02.05.2013

Subject: Approval of PG Courses in the Affiliated Colleges of Vidyasagar University from Session 2013-2014, Reg. letter from Smt. Madhumita Ray IAS, dated 2nd January, 2013 bearing No. 12-Edn(U)/1U-44/12

Dear Shri Kumar,

With reference to the letter mentioned above, I am to report to you that the applications for affiliation from the concerned Colleges were considered as per rules and on the basis of the inspection reports submitted by the experts. These Colleges have been granted affiliation in some of the subjects as listed in the University notification attached herewith.

This is for your kind information and record.

With regards,

Sincerely,

(Professor Ranjan Chakrabarti)

Enclosure: As stated above.

Shri Vivek Kumar IAS,
Secretary to the Government of West Bengal,
Department of Higher Education,
Bikas Bhavan (6th Floor),
Bidhan Nagar,
Kolkata - 700 091

Copy to:

Smt. Madhumita Ray IAS, Joint Secretary, Dept. of Higher Education, Government of West Bengal.

Midnapore 721102 West Bengal India
Tel: (03222) 275329 (Office) / 263202 (Res.)
Fax: (91) 03222-275329
E-mail: ranjan.jadavpur@gmail.com
vc@mail.vidyasagar.ac.in

DS (S)
04/05/13

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04/05
S. Chak
04/05/13



Office of the Registrar
VIDYASAGAR UNIVERSITY

Midnapore - 721 102

Dated : 25.04.2013.

Office Order

The Seventh Executive Council of Vidyasagar University in its meeting dated 17.04.2013 has considered the Inspection Reports submitted by the duly constituted Inspection Teams in connection with extending affiliation to the undergraduate colleges, affiliated to Vidyasagar University, for conducting the postgraduate courses has granted temporary affiliation to 2-Year postgraduate courses of the following colleges, specified against each of the college, which will run the courses from the academic session 2013-2014 subject to the fulfillment of the terms & conditions as specified below :

Sl. No.	Name of the undergraduate colleges affiliated to Vidyasagar University.	Name of the courses granted affiliation along with the intake capacity.	With effect from the session.
01.	Midnapore College P.O. : Midnapore, Dist. : Paschim Medinipur.	Applied Mathematics with Oceanology and Computer Programming - 20, Bengali - 50, Sanskrit - 40 and Zoology - 20.	2013-2014
02.	Mahishadal Raj College P.O. : Mahishadal, Dist. : Purba Medinipur.	Chemistry and Chemical Technology - 20.	2013-2014
03.	Panskura Banamali College P.O. : Panskura R.S. Dist. : Purba Medinipur.	Applied Mathematics with Oceanology and Computer Programming - 25, Bengali - 40, Geography and Environment Management - 20, History - 40 and Physics and Techno-Physics - 20.	2013-2014
04.	Prabhat Kumar College, Contai P.O. : Contai, Dist. : Purba Medinipur.	Bengali - 40, Commerce with Farm Management - 40, English - 40 and Sanskrit - 40.	2013-2014
05.	Tamralipta Mahavidyalaya P.O. : Tamluk, Dist. : Purba Medinipur.	Chemistry and Chemical Technology - 20, History - 40, Sanskrit - 40 and Zoology - 20.	2013-2014
06.	Vivekananda Mission Mahavidyalaya P.O. : Viveknagar, Chaitanyapur, Dist. : Purba Medinipur.	Bengali - 30, Commerce with Farm Management - 30, History - 30, and Philosophy - 30.	2013-2014

The terms & conditions of affiliation of the above courses :

01. Students will be admitted purely on merit basis and admission list will be prepared by the University centrally.
02. At least 4 whole-time teachers and 4 Guest-teachers in each subjects are to be appointed before starting the courses. The teachers should be qualified as per the UGC norms.
03. Text Books worth Rs.1,00,000.00 (at least) in each of the subjects should be purchased in the relevant area as per the syllabus.
04. The syllabus must be followed strictly, such that the whole portion of it is completed in time.
05. Internet accessing in the Departments are necessary.

06. One Lab. Attendant and one Technical Assistant in each of the Laboratory based subjects are required to be appointed on whole-time basis.
07. The requirements of the Project Work in connection with the P.G. courses must be met.
08. The colleges will have to submit a compliance report to the University after fulfilling the above conditions on receipt of which formal affiliation will be extended.

An early reply accepting the terms and conditions of granting affiliation of the 2-Year Postgraduate Courses by the Governing Body/College Authority should reach the undersigned within fifteen days from the date of receipt of this letter.

Sd/-
Dr. Ranajit Dhar
Registrar.

Memo No. : VU/R/Off-Or./7EC-12/435 /2013 dated 25.04.2013.

Copy forwarded for information and necessary action to :

01. *Principal/Teacher-in-Charge of the concerned colleges.*
02. *The Director of Public Instruction, Education Directorate, Bikash Bhavan, Salt Lake City, Kolkata - 700 091.*
03. *The Principal Secretary, Deptt. of Higher Education, Govt. of West Bengal, Bikash Bhavan, Salt Lake City, Kolkata - 700 091.*
04. *The Additional Secretary, Higher Education Department, Government of West Bengal, University Branch, Bikash Bhavan, Salt Lake, Kolkata - 700 091.*
05. *The Deputy Secretary, Higher Education Department (CS Branch), Government of West Bengal, Bikash Bhavan, Salt Lake, City, Kolkata - 700 091.*
06. *Concerned Head of the Department.*
07. *The Finance Officer, Vidyasagar University.*
08. *The Controller of Examinations, Vidyasagar University.*
09. *The Secretary, Faculty Councils for P.G. Studies, Vidyasagar University.*
10. *The Inspector of Colleges, Vidyasagar University.*
11. *The Secretary, Council for Undergraduate Studies, Vidyasagar University.*
12. *The Deputy Registrar, Vidyasagar University.*
13. *The Assistant Registrar.*
14. *The Office Superintendent, Registrar's Office.*
15. *The Secretary to the Vice-Chancellor for kind information to the Hon'ble Vice-Chancellor.*
16. *College files.*


Registrar
Vidyasagar University.



Office of the Registrar
VIDYASAGAR UNIVERSITY

Midnapore - 721 102

Dated : 02.05.2013.

Office Order

In continuation to our office order bearing Memo No.VU/R/Off-Or./7EC-12/435 /2013 dated 25.04.2013 issued by this office earlier in connection with granting temporary affiliation to the undergraduate colleges for conducting 2-Year postgraduate courses, it is hereby notified further that the affiliation of postgraduate courses in History and Commerce with Farm Management to Vivekananda Mission Mahavidyalaya is granted from the academic session 2014-2015 which was inadvertently written as "from the academic session 2013-2014" stated in the above office order. Other matters of the said order will remain unchanged.

Sd/-
Dr. Ranajit Dhar
Registrar
Vidyasagar University.

Memo No. : VU/R/Off-Or./7EC-12/495 /2013 dated 02.05.2013.

Copy forwarded for information and necessary action to :

01. The Principal, Vivekananda Mission Mahavidyalaya.
02. The Principal/Teacher-in-Charge of (a) Midnapore College, (b) Muhishadal Raj College, (c) Panskura Banamali College, (d) Prabhat Kumar College, Contai, and (e) Tamralipta Mahavidyalaya.
03. The Director of Public Instruction, Education Directorate, Bikash Bhaban, Salt Lake City, Kolkata - 700 091.
04. The Principal Secretary, Deptt. of Higher Education, Govt. of West Bengal, Bikash Bhavan, Salt Lake City, Kolkata - 700 091.
05. The Additional Secretary, Higher Education Department, Government of West Bengal, University Branch, Bikash Bhavan, Salt Lake, Kolkata - 700 091.
06. The Deputy Secretary, Higher Education Department (CS Branch), Government of West Bengal, Bikash Bhavan, Salt Lake, City, Kolkata - 700 091.
07. Concerned Head of the Department.
08. The Finance Officer, Vidyasagar University.
09. The Controller of Examinations, Vidyasagar University.
10. The Secretary, Faculty Councils for P.G. Studies, Vidyasagar University.
11. The Inspector of Colleges, Vidyasagar University.
12. The Secretary, Council for Undergraduate Studies, Vidyasagar University.
13. The Deputy Registrar, Vidyasagar University.
14. The Assistant Registrar.
15. The Office Superintendent, Registrar's Office.
16. The Secretary to the Vice-Chancellor for kind information to the Hon'ble Vice-Chancellor.
17. College files.

Ranajit Dhar
Registrar
Vidyasagar University.

(6)

Government of West Bengal
Department of Higher Education
University Branch
Bikash Bhavan, Salt Lake, Kolkata-91

No. 12-Edn(U)/IU-44/12

Dated, the 2nd January, 2013.

From : Smt. Madhumita Ray, IAS
Joint Secretary to the
Government of West Bengal.

To : The Vice-Chancellor,
Vidyasagar University,
Dist. Paschim Medinipore.

Sub : **Proposal for opening of PG Courses in the affiliated Colleges of Vidyasagar University**

Sir,

I am directed to inform you that a proposal was received in this Department from Shri Subhendu Adhikary, Hon'ble MP of Lok Sabha for establishment of a State University in the district of Purba Medinipore. The proposal along with DPR was sent to the Chairman of WBSCHE for opinion in this respect. Professor Sugata Marjit, Chairman of WBSCHE has submitted a report to the Higher Education Department stating that "the Council accepts the proposal in principle".

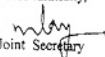
Since setting up of a University is a long drawn affair and it involves huge cost from exchequer and requirement of land, the Higher Education Department has thought it prudent to upgrade 4 existing colleges in the district of Purba Medinipore to the level of PG Colleges as a transitory measure.

The DPI has identified four (4) colleges namely Tamralipta Mahavidyalaya, Panskura Banamali College, Provat Kumar College and Vivekananda Mission Mahavidyalaya for up-gradation to PG colleges.

On the basis of the Status report of DPI, a meeting was convened on 7th November, 2012 at 12 Noon at Bikash Bhavan for a discussion over this matter and you were invited to participate in the meeting. Bu due to your pre-occupation at University, you could not make it possible to attend the meeting.

Since the matter is very serious, I am directed to request you to cause an inspection of the aforesaid four colleges immediately to assess the suitability of colleges for up-gradation and requirement of infrastructural facilities and additional teaching faculty to the colleges for running PG classes. Simultaneously, the necessary steps may be initiated at the earliest to start PG classes in the aforesaid colleges.

Yours faithfully,


Joint Secretary



VIDYASAGAR UNIVERSITY

MIDNAPORE ★ WEST BENGAL ★ PIN 721102

Phone : (03222) 276554 :: 276555 :: 276557 :: 276558

Ref. No.VU/IG/Sub-Affi/153/2008

Date 10.07.2008

From :The Inspector of Colleges
Vidyasagar University

To :The Principal
Panskura Banamali College
Panskura 721 152
Purba Medinipur

Subject : Extension of Temporary Affiliation in the subject noted below from the session 2008-2009

Sir,

In terms of the recommendation of the West Bengal State Council of Higher Education and the approval of the Executive Council, Vidyasagar University your college has been granted temporary affiliation in the following subjects from the session 2008-2009 subject to fulfilment of the conditions as under :


<u>Subject Affiliated</u>	<u>Intake Capacity</u>
Philosophy (Honours)	40

Conditions :

1. At the end of each academic session the Principals will send specially a report regarding number of classes/tutorials ; Number of teaching days ; Students and Teachers attendances.
2. In case of any irregularity, non-compliance of the University Directives, consecutive bad performances in the University Examinations, the extension of affiliation will be withdrawn unilaterally.
3. The College must stick to the intake capacity.
4. As a general condition the college will have to appoint One Full-time and One Part-time teacher for General subjects and Two Full-time and Two Part-time teachers for Honours subjects where there is no teacher in the Department to meet the minimum requirement.
5. Please comply with a reply within one month of receipt of this letter.
6. For Philosophy (H): (i) Journal required: (a) Journal of Indian Council of Philosophical Research (JICPR), New Delhi (b) Indian Philosophical Quarterly (IPQ), Poona Univ. (ii) Books for Rs.50,000/- are required to be purchased for Honours course (iii) Books enlisted in the revised syllabus of Hons. course should be purchased. Teaching staff required: (a) One Contractual Full-time & One Part-time.

Thanking you,

Yours sincerely,


(S. K. Hansda)
Inspector of Colleges

Fax : (91) 03222, 275329, 264338

e-mail : vidya295@sancharnet.in // website : url : http : // www.vidyasagar.ac.in

UNIVERSITY OF CALCUTTA



No. _____

REGISTRAR

When replying please quote
Number, Date and Subject.

Senate House, the **21st Feb., 1968**.

To

Prof. D. Chakravarti

Dr. D. B. Sinha

The Inspector of Colleges,
Calcutta University.

Sir,

In forwarding herewith copy of an application, dated the 28th December, 1967, from the Secretary, Panskura Banamali College, for extension of affiliation in Physics and Chemistry to the B.Sc. Honours standard, I am desired to request you to be so good as to inspect the college jointly with Prof. D. Chakravarti, Dr. D. B. Sinha and the Inspector of Colleges and favour this office with a report on the claims of the college to the extension of affiliation applied for.

Yours faithfully,

Sd. N. Bose

For REGISTRAR.

Encls:-

p.t.o.

SB.



No.C/8116/102(Affl.)

Senate House,
Calcutta.

The 23rd August, 1968.


From
The Registrar, Calcutta University.

To
The Secretary,
Panskura Banamali College.

Sir,

With reference to your letter no. PBC 3188/29 dated 19.7.68 I am desired to inform you that, in extension of the affiliation already granted, the Panskura Banamali College has been affiliated in Physics and Chemistry to the B.Sc. Hons. standard with effect from commencement of the session 1968-69 i.e. with permission to present candidates in the above-mentioned subjects at the B.Sc. Part I examination in 1970 and B.Sc. Part II Examination in 1971 and not earlier.

Yours faithfully,


(A.K.Mitra)
for Registrar.

Memo No.C/8117-21/102(Affl.), dated 23.8.68.

Copy forwarded, for information, to

- 1) The Controller of Examinations, Calcutta University
- 2) The University Inspector of Colleges
- 3) The C.S.R. Section
- 4) Statistics Section
- 5) U.G.C. Section

for Registrar.

Accountant for
A
5/10/86

Government of West Bengal
Education Department
C.S. Branch

No. 1764-Edn(CS)
6A-23/86

Dated Calcutta, the 20th October, 1986.

From :- Shri S. Sengupta,
Deputy Secretary to the Govt. of West Bengal.

To :- The Director of Public Instruction, West Bengal.

Sub :- Extension of affiliation in Physiology to the Degree (Pass) level in Panskura Banamali College, Panskura, Midnapore.

Ref :- His letter No. 1974-C dated 22.9.86.

The undersigned is directed, by order of the Governor, to say that the Governor is pleased to approve of the extension of affiliation in Physiology to the degree (Pass) level in Panskura Banamali College, Midnapore with effect from 1986-87 Session subject to the grant of affiliation in the subject by Vidyasagar University.

2. The Governor is also pleased to sanction payment, during the current financial year, of a non-recurring grant of Rs. 30,000/- (Rupees thirty thousand) only as detailed in the margin to Panskura Banamali College, Midnapore towards purchase of books and equipment for the Physiology Department.

1. Books	- Rs. 5,000/-
2. Equipment	- Rs. 25,000/-
	<u>Rs. 30,000/-</u>

3. The Governor is further pleased to approve of the creation of the following posts at the Panskura Banamali College, Midnapore in the usual scale of pay with effect from the current session or from the date of filling up the posts whichever is later :-

- 1. One post of Lecturer in Physiology
- 2. One post of Laboratory Attendant in the Department of Physiology.

4. The Deputy Director of Public Instruction (NGC), West Bengal, is authorised to release the non-recurring grant sanctioned in para 2 above in favour of the authorities of the aforesaid College.

5. Certificate of utilisation of the grant now sanctioned should be furnished by the college to the Director of Public Instruction, West Bengal under intimation to this department within three months from the date of drawal of the grant by the College.

6. The charge for non-recurring grant of Rs. 30,000/- (Rupees thirty thousand) and on account of Staff Salary will be met from the provision under the head-"University & Other Higher Education-E(VIII)-Other Expenditure-State Plan (Seventh Plan)-6. Establishment of new colleges including diversification of essential courses of study in existing colleges-Grants-in-aid/Contribution" in the current year's "277-Education (excluding Sports and Youth Welfare)" Budget.

7. This order issues with the concurrence of the Finance Department vide their U.O. No. Group B 1892 dated 7-10-86.

8. The Accountant General, West Bengal and Treasury Officer, Tamluk are being informed.

m.a. 21-10-86.

J. S. Ghosh
Deputy Secretary.

No. 1764/1(3)-Edn(OS)

Copy forwarded, for information, to the :-

- 1) Finance Department of this Government
- 2) Accountant General, West Bengal
- 3) Treasury Officer, Tamluk, Midnapore

Calcutta,

The 20th October, 1986.

J. S. Ghosh
Deputy Secretary.

No. 1764/2(2)-Edn(OS)

Copy forwarded, for information and necessary action,

to the :-

- 1) Registrar, Midyasagar University, 88A, Rash Behari Avenue, Calcutta-26.
- 2) Principal, Fanskura Banamali College, P.O. Fanskura, Midnapore
- 3) Deputy Director of Public Instruction (NGC), West Bengal
- 4) Deputy Director of Public Instruction (FPS), West Bengal
- 5) Deputy Director of Public Instruction (F & S), West Bengal, 6, Council House Street, Cal-1
- 6) Secretary, West Bengal College Service Commission, 147-A, Rash Behari Avenue, Calcutta-29.

Calcutta,

The 20th October, 1986.

J. S. Ghosh
Deputy Secretary.

Fanskura Banamali College,
P.O. Fanskura,
Dist. Midnapur.

INSPECTION REPORT

1. Date of Inspection : AUGUST 13, 1986.
2. Purpose of visit : The D.P.I., West Bengal in his letter No. 1472-C/N.G.C. dated Calcutta, the 21st. July, 1986, requested the University authorities, to arrange for an early inspection of the College for introducing Physiology at the degree pass level. The duly formed Inspecting Team visited the College for the said purpose.
3. Reasons for introducing Physiology at the degree pass level :
 - (i) Only three Colleges namely Midnapore College, Tamralipta College & N.L. Khan Women's College under this University offer teaching in Physiology upto the pass standard at the degree level.
 - (ii) The College has been granted the extension of affiliation in Botany and Zoology upto the B.Sc. Pass standard w.e.f. the session 1983-84. The students are taking B.Sc. (Bio) degree with the 3rd. elective subject like Economics or Chemistry.
 - (iii) The College is running with a constant pressure from the locality to open Physiology (Pass) at the degree level, so that students can take their graduate degree with a combination of Botany, Zoology and Physiology.
 - (iv) The College authority has already built a hall (35' x 20' x 12' with varandah 35' x 8' x 12') for Physiology laboratory.
4. Teaching & Laboratory Staff : To grant extension of affiliation to the College in Physiology (Pass) at the B.Sc. stage, the College authorities will have to take steps for the appointment of staff in the following manner.

Session	Lecturer	Specialisation	Non-teaching Staff
1986-87	One	Biochemistry/ Biophysics	One Lab. Attendant
1987-88	One	Nutrition/ Dietetics	One Lab. Instructor

5. Laboratory : The newly built hall (35' x 20' x 12') will have to be furnished with equipment and furniture. A sum of Rs.36,000/- will be required for this purpose. A sum of Rs.12,000/- will be necessary for purchasing chemicals and glass apparatus at the initial stage.

A smoking chamber on the Verandah should be installed. The laboratory should be provided with Gas, Water and necessary electrical connection.

SPECIAL NOTE :

A Lecture Theatre furnished with epidiastrop/overhead projector should be used for bio-science theoretical classes.

In Botany Department Lecturer in the 2nd. Post should immediately be appointed. The Principal of the College is requested to take special care regarding the taking of classes in the Zoology Department.

6. Books : Books, Charts and Models worth Rs.15,000/- will have to be purchased in course of two years. Popular Science Journals should be subscribed to.

7. R e c o m m e n d a t i o n s :

The Inspecting Team recommends that the Panskura Banamali College, P.O. Panskura, Dist. Midnapore may be granted extension of affiliation in Physiology (Pass) upto B.Sc. level from the session 1986-87 subject to fulfilment of the following conditions :

- (i) Lecturers, Laboratory Instructors, Laboratory Attendants should be appointed in a manner as laid down in the report;
- (ii) Laboratory should be equipped & furnished in the manner stated above;
- (iii) Books should be purchased as mentioned in the report;
- (iv) Number of students to be admitted will be fixed by the University after the fulfilment of the conditions.

Signatures of the members of the Inspecting Team.

1. Sd/- Principal J. Debnath (Physiology)
2. Sd/- Principal P. Sengupta (Council-member) V.U.
3. Sd/- Dr. Santosh Kr. Ghosal, Dy. Inspector of Colleges, V.U.

N.B.: The report is duly approved by the University Authority.

kg.

AKM/DIC/69/86/61 x 2

No. 1764-Edn. (CS)

Dated Calcutta, the 20th October, 1986.

SA-23/86

From :- Shri S. Sengupta,
Deputy Secretary to the Govt. of West Bengal.
To :- The Director of Public Instruction, West Bengal.
Sub :- Extension of affiliation in Physiology to the Degree (Pass) level
in Panskura Banamali College, Panskura, Midnapore.
Ref. :- His letter No. 1974-C dated 22.9.86.

The undersigned is directed, by order of the Governor, to say that the Governor is pleased to approve of the extension of affiliation in Physiology to the degree (Pass) level in Panskura Banamali College, Midnapore with effect from 1986-87 Session subject to the grant of affiliation in the subject by Vidyasagar University.

2. The Governor is also pleased to sanction payment, during the current financial year, of a non-recurring grant of Rs. 30,000/- (Rupees thirty thousand) only as detailed in the margin to Panskura Banamali College, Midnapore.

1. Books	Rs. 5,000/-	1 Towards purchase of books and equipment
2. Equipment	Rs. 25,000/-	1 for the Physiology Department.
	Rs. 30,000/-	1 3. The Governor is further pleased to approve of the creation of the following

posts at the Panskura Banamali College, Midnapore in the usual scale of posts with effect from the current session or from the date of filling up the posts whichever is later :-

1. One post of Lecturer in Physiology.
2. One post of Laboratory Attendant in the Department of Physiology.
4. The Deputy Director of Public Instruction (NGC), West Bengal, is authorised to release the non-recurring grant sanctioned in para 2 above in favour of the authorities of the aforesaid College.

5. Certificate of utilisation of the grant now sanctioned should be furnished by the college to the Director of Public Instruction, West Bengal under intimation to this department within three months from the date of drawal of the grant by the College.

6. The charge for non-recurring grant of Rs. 30,000/- (Rupees thirty thousand) and on account of Staff Salary will be met from the provision under the head "University & Other Higher Education-B (VIII)-Other Expenditure-State Plan (Seventh Plan)-6. Establishment of new colleges including diversification of essential courses of study in existing colleges-Grants-in-Aid Contribution" in the current year's "277-Education (excluding Sports and Youth Welfare)" Budget.

7. This order issues with the concurrence of the Finance Department vide their U.O. No. Group B 1892 dated 7.10.86.

8. The Accountant General, West Bengal and Treasury Officer, Tamluk being informed.

m.s. 21.10.86

Sd/- Illegible,
Deputy Secretary.

No. 1764/1(3)-Edn (CS)

Copy forwarded, for information, to the :-

- 1) Finance Department of this Government
- 2) Accountant General, West Bengal
- 3) Treasury Officer, Tamluk, Midnapore

Calcutta,
The 20th October, 1986.

Sd/- Illegible,
Deputy Secretary.

No. 1764/2(6)-Edn (CS)

Copy forwarded, for information and necessary action, to the :-

- 1) Register, Vidyasagar University, 88A, Rash Behari Avenue, Calcutta-26.
- 2) Principal, Panskura Banamali College, P.O. Panskura, Midnapore.
- 3) Deputy Director of Public Instruction (NGC), West Bengal
- 4) Deputy Director of Public Instruction (P&S), West Bengal.
- 5) Deputy Director of Public Instruction (P & S), West Bengal
6, Council House Street, Cal- 1
- 6) Secretary, West Bengal College Service Commission,
147-A, Rash Behari Avenue, Calcutta-29.

Calcutta,
The 20th October, 1986

Sd/- Illegible,
Deputy Secretary.



VIDYASAGAR UNIVERSITY

MIDNAPORE :: WEST BENGAL :: PIN-721102

Phone : (03222) 60584 / 62297 / 63201 / 62441 / 60656

Ref. No. VU/IC/Affil./15/2002-2003

Date 12.8.02

From : Harihar Bhowmick,
Deputy Inspector of Colleges

To : The Principal,
Panskura Banamali College,
P.O. Panskura R.S.,
Dist. Furba Medinipur.

Sub : Temporary extension of affiliation in (1) Botany (Hons) and Physiology (Hons) in the 3-years degree course with effect from the session 2002-2003.


Dear Sir,

In terms of the Government Order (vide DPI's letter No. 419 (F & S) dated 5.7.02) and as per decision of the Executive Council 6.8.02 Panskura Banamali College has been granted temporary extension of affiliation in (1) BOTANY (HONS) & (2) PHYSIOLOGY (HONS) in the 3-years degree course with effect from the session 2002-2003 subject to the fulfilment of the conditions as laid down in the Inspection Report and also the conditions as follows :

- (1) At the end of each academic session the Principal will send specially a report regarding No. of classes/Tutorials, No. of Teaching days, Students and Teachers attendances.
- (2) In case of any irregularity, Non-compliance of the University Directives, consecutive bad performances in the University Examinations, the extension of affiliation will be withdrawn unilaterally.


With regards,

Yours sincerely,


(Harihar Bhowmick)
DEPUTY INSPECTOR OF COLLEGES

Encl: Inspection Reports (02 nos.)

- Copy to :
- 1) The Director of Public Instructions, Education Directorate, Bikash Bhawan, Salt Lake City, Kolkata-91
 - 2) The Secretary, Education Dept. Govt. of West Bengal.
 - 3) The Registrar, Vidyasagar University.
 - 4) The Controller of Examinations, Vidyasagar University.
 - 5) The Secretary, U.G. Council, Vidyasagar University.


(Harihar Bhowmick)
DEPUTY INSPECTOR OF COLLEGES



VIDYASAGAR UNIVERSITY

MIDNAPORE ★ WEST BENGAL ★ PIN 721102

Phone : (03222) 276554 :: 276555 :: 276557 :: 276558

Ref. No. VU/IC/Sub-Affi/153/2008

Date 10.07.2008

From : The Inspector of Colleges
Vidyasagar University

To : The Principal
Panskura Banamali College
Panskura 721 152
Purba Medinipur

Subject : Extension of Temporary Affiliation in the subject noted below from the session 2008-2009

Sir,

In terms of the recommendation of the West Bengal State Council of Higher Education and the approval of the Executive Council, Vidyasagar University your college has been granted temporary affiliation in the following subjects from the session 2008-2009 subject to fulfilment of the conditions as under :

Subject Affiliated

Intake Capacity

Philosophy (Honours)

40

Conditions :

1. At the end of each academic session the Principals will send specially a report regarding number of classes/tutorials, Number of teaching days ; Students and Teachers attendances.
2. In case of any irregularity, non-compliance of the University Directives, consecutive bad performances in the University Examination the extension of affiliation will be withdrawn unilaterally.
3. The College must stick to the intake capacity.
4. As a general condition the college will have to appoint One Full-time and One Part-time teacher for General subjects and Two Full-time and Two Part-time teachers for Honours subjects where there no teacher in the Department to meet the minimum requirement.
5. Please comply with a reply within one month of receipt of this letter.
6. For Philosophy (H):
(i) Journal required: (a) Journal of Indian Council Philosophical Research (JICPR), New Delhi (b) India Philosophical Quarterly (IPQ), Poona Univ. (ii) Books for Rs.50,000/- are required to be purchased for Honours course (iii) Books enlisted in the revised syllabus of Hons. course should be purchased.
Teaching staff required: (a) One Contractual Full time & One Part-time.

Thanking you,

Yours sincerely,

(S. K. Hansda)

Inspector of Colleges

The College is already affiliated in Mathematics to the Pre-University Science and Degree Course Science standard. The management is very keen on introducing Mathematics at the Pre-University Arts and B.A. standards. As the proposal does not involve any further expenditure we have no objection to the extension of affiliation in Mathematics to the Pre-University Arts and B.A. standards.

We, therefore, recommend that the Panskura Bansnali College, Panskura, be granted extension of affiliation in Political Science to the B.A. Honours standard, in Biology to the Pre-University Science standard in Mathematics to the Pre-University Arts and B.A. Pass standards from the session 1964-65 on the following conditions :-

- 1) Additional lecturers as laid down in the report are appointed.
- 2) Books on Political Science worth Rs. 4,000/- and on Biology worth Rs. 1,000/- are purchased before starting classes.
- 3) A seminar room is provided.
- 4) Apparatus and equipment on Biology worth Rs. 10,000/- and laboratory furniture and fittings worth Rs. 5,000/- are purchased.
- 5) All appointments in the teaching staff and any change thereof should be reported to the University for approval.

Senate House, Calcutta,

H.C. Roy
J.L. Bhaduri
A.C. Sanyal

Circulated to the members of the Syndicate in connection with item No. 37 of the Agenda dated 4.6.64.

Senate House,)
The 30th May, 1964.)

G.C. Raychaudhuri,
Registrar.



VIDYASAGAR UNIVERSITY

MIDNAPORE :: WEST BENGAL :: PIN-721102

Phone : (03222) 80554 / 62297 / 63201 / 62441 / 60555

Ref. No.

Date.....

-2-

Copy to :-

- 1) The Director of Public Instructions, Bikash Bhawan, Kolkata-91.
- 2) The Secretary, W.B. State Council of Higher Education, Kolkata.
- 3) The Registrar, Vidyasagar University.
- 4) The Controller of Examinations, vidyasagar University.
- 5) The Secretary, U.G. Council, Vidyasagar University.

S.K. Hansda
(S.K. Hansda)

INSPECTOR OF COLLEGES

In pursuance of the orders of the Vice-Chancellor and Syndicate we inspected the Penskura-Bananali College, Penskura, on April 27, 1964, to report on the application of the Secretary for extension of affiliation in English, Political Science and Mathematics to the Honours standard and in Biology to the Pre-University Science standard.

The Secretary has agreed at our suggestion to drop the proposal for an extension of affiliation in English and Mathematics to the Honours standard. We should point out, in this connection, that the college was granted extension of affiliation in Bengali to the B.A. Honours standard from the session 1963-64. The management has partially fulfilled the conditions attached to the Bengali Honours affiliation. The Honours seminar room allotted for the subject exists only in name. It has not yet been equipped with a seminar library and necessary furniture. Only a sum of Rs. 1,000/- has been spent towards purchase of books on Bengali Honours. The Secretary and the Principal have been particularly requested to fully equip the Bengali Honours seminar library by purchasing books worth Rs. 3,000/- immediately. We agreed to examine the proposal of the college for further extension only on the understanding that all the conditions of the last year's Honours affiliation would be fulfilled without further delay.

As regards the scheme to introduce Honours in Political Science we have acted that there are two whole-time lecturers in the subject at present - one of them is a second class M.A. without any Honours in his B.A. This is, to our mind, highly unsatisfactory. Since the management is keen on introducing Honours courses they should take particular care in selecting properly qualified lecturers with good Honours and good Masters degrees. Two more whole-time lecturers will have to be appointed with the introduction of the Honours course in Political Science - one with effect from the commencement of the session -1964-65 and another 1965-66. The third lecturer should have Sociology as special papers in his M.A.

The stock of books on Political Science in the College library is not upto the mark. The College must incur an expenditure of Rs. 4,000/- towards books for the subject before starting Honours and classes. This should include four copies of each of the text and reference books recommended for the Honours course. Besides some leading journals such as Political Quarterly and American Political Science Review should be subscribed.

The management has been asked to provide a suitable room to be used as the Political Science Honours Seminar. The Seminar should be properly equipped with books and furniture from the very start.

As the College is already affiliated in Physics, Chemistry and Mathematics to the Pre-University and Degree Course Science standard there is a natural demand for the introduction of Biology as one of the subjects, at the Pre-University stage. We are glad to mention here that the Secretary has agreed to provide necessary funds for meeting the capital and recurring expenses at the time of the introduction of the new subject. A room measuring 25' x 20' (500 sq.ft.) has been allotted for the Biology laboratory. Adequate number of Students' Microscopes, Dissecting Microscopes, Dissecting Trays, Botanical and Zoological Charts and Models, Museum specimen etc. should be acquired immediately. The college must spend at least a sum of Rs. 10,000/- towards laboratory apparatus and equipments and a further sum of Rs. 5,000/- for laboratory furniture and fittings. Books on Botany and Zoology worth Rs. 1,000/- should be purchased in 1964-65. As regards the teaching and practical work of the subject we would suggest that one whole-time M.Sc. in Zoology and one part-time M.Sc. in Botany should be appointed. They will be able to take an adequate number of theoretical and practical classes in Biology.

R E P O R T
O N
PANSKURA BANAMALI COLLEGE
FOR 1962-63

(Inspected on the 27th February, 1963)

The Panskura Banamali College was first affiliated in 1961-62. The College owes its existence to the munificent donations made by Sri Banamali Khatua who has already spent more than Rs. 3,00,000 for building etc.

Affiliations

The College is affiliated in the following subjects to the following standards :—

Pre-University Arts—English, Bengali (Vernacular), Elective Bengali, Sanskrit, History, Logic, Elements of Civics and Economics.

Pre-University Science—English, Bengali (Vernacular), Physics, Chemistry and Mathematics.

Three-Year Degree B.A. Pass—English (General), Bengali (Second Language) Elective Bengali, Sanskrit, History, Philosophy, Political Science, Economics and Education.

Three-Year Degree B.Sc. Pass—Physics, Chemistry and Mathematics.

Fees etc.

The monthly tuition fees for the different classes are as follows :—

Pre-University Arts	...	Rs. 8 per month
Pre-University Science	...	Rs. 9 " "
B.A. Pass	...	Rs. 10 " "
B.Sc. Pass	...	Rs. 12 " "

The Admission Fee is equivalent to one month's tuition fees.

Besides the tuition fees students are to pay Rs. 16 per annum as session charges as follows :—

Library fee	...	Rs. 2
Common room fee	...	Re. 1
Magazine fee	...	Rs. 2
Examination fee	...	Rs. 2
Game fee	...	Re. 1
Development fee	...	Rs. 8

Governing Body

The personnel of the Governing Body for the year 1962-63 is given below :—

1. Sri A. K. Banerji, S. D. O., Tamruk—*President*.
2. „ Shyamadas Bhattacharyya, M.A., B.L., M.L.A., Minister, Govt. of West Bengal—*Vice-President*.
3. „ Rajanikanta Pramanik, B.L., M.L.A.—*Ex-Deputy Minister, Govt. of West Bengal—Vice-President*.
4. Janab Hasmat Ali Khan—*Donor*.
5. Sri Banamali Ch. Khatua—*Donor*.
6. „ Nagendranath Kar—*Donor*.
7. Dr. S. N. Adhikari, M.B.B.S.—*Donor*.
8. Sri Debendranath Jana—*Benefactor*.
9. „ Srutinath Chakravarty—*Educationist*.
10. „ H. K. Sengupta, B.D.O.
11. „ Haripada Khatua, B.Sc., B.M.E.—*Secretary*.
12. „ G. C. Kar, Principal and Joint Secretary.
13. „ Harisadhan Goswami—*Teachers' Representative*.
14. „ Ramjiban Acharyya—*Teachers' Representative*.

Besides the Principal who is the Joint Secretary, there are two teachers' representatives in the personnel of the Governing Body, elected by the teachers.

The Governing Body held 9 meetings during the session 1961-62 and 5 meetings during the current session up to the date of inspection.

There is a College Council which held 5 meetings during the session 1961-62 and 6 meetings during the current session up to the date of our inspection.

Accommodation

From the very inception the College has been housed in its own building which was constructed in the plot of land received as a donation from Janab Hasmat Ali Khan and several other persons. The building has been constructed from the princely donation made by Sri Banamalichandra Khantua.

The dimensions of the rooms are given below :—

Ground Floor :

1 room—48' × 20'	...	Physics Laboratory
1 room—48' × 20'	...	Chemistry Laboratory
1 room—30' × 20'	...	Used as annexe to laboratories.
1 room—18' × 20'	...	
1 room—35' × 20'	..	Library and Reading Room
1 room—12' × 20'	...	Ladies Common Room
1 room—10' × 20'	...	Staff Common Room
1 room—18' × 20'	...	Principal's Room
1 room—20' × 20'	...	Office Room
1 room—10' × 20'	...	Class Room:

First Floor :

2 rooms—35' × 20' (each)	...	Class Rooms
2 rooms—40' × 20' (each)	...	Class Rooms
1 room—48' × 20'	...	Class Room
2 rooms—24' × 20' (each)	...	Class Rooms

The office room should be provided with a counter where students may make payments, etc.

The College authorities have provided the Principal with quarters within the College campus. Seven teachers have also been provided accommodation within the College campus.

Teaching Staff

The names and qualifications of the members of the Teaching Staff during the current session are given in Appendix I.

The following statement shows the number of the teachers in each subject :

English—3	(whole-time) including the Principal.
Bengali—2	„
History—2	„
Economics—1	„
Political	
Science—1	„
Philosophy—1	„
Sanskrit—1	
Education 1	„
Mathematics 1	„
Chemistry 1	„
Physics—1	„
<hr/>	
Total—15	„

It will be found that there are three teachers in the department of English, and two lecturers in each of the departments of Bengali and History. In other departments viz. Economics, Political Science, Philosophy, Sanskrit, Education, Mathematics, Chemistry and Physics there is only one teacher in each subject. The authorities should appoint one whole-time additional lecturer in each of the following additional subjects :—Economics and Civics, Political Science, Philosophy, Bengali, Sanskrit, Education, Physics, Chemistry and Mathematics from the beginning of the session 1963-64.

The statement in Appendix II shows the amount of work per week done by each member of the teaching staff in each subject from January to December, 1962.

Second year students of the Degree class have tutorial classes from July to December three times in English and Education, once in Sanskrit and twice in History and Political Science for a period of 45 minutes on each occasion. Tutorial groups in English and Political Science consist of 28 and 26 students respectively. First year students of the Degree class get tutorial help in almost all the subjects during the whole session.

In Pre-University class the students of English, Sanskrit, Logic, History and Civics get the advantage of tutorial work once a week. Many of the tutorial groups are too large. Big tutorial classes do not serve the purpose for which such classes

are held and we strongly advise that the number of groups be increased in order to reduce the number in each tutorial class. No tutorial group should exceed 20 students.

The members of the teaching staff are on graded scale of pay. The grade of pay is as follows :

Rs. 150—10—320—15—350

The College was started in August, 1961, so the question of grade increment was not considered last session. The authorities expect to grant increments to the teachers from the beginning of the next session.

Provident Fund has not yet been introduced.

The statement in Appendix III shows the number of lectures delivered in different subjects in all the classes during the last session.

Numerical Strength

The total number of students on the rolls of the College in the current session is 490 :

Pre-University Arts—191
 Pre-University Science—103
 First Year B.A.—134
 First Year B.Sc.—30
 Second Year B.A.—32

The number of students during the first year of affiliation was 135.

The majority of students come from the Midnapur district. The following statement shows the students distributed district-wise :—

Midnapur—482
 Howrah—2
 24 Parganas—5
 Calcutta—1

Science Departments

On the science side the College is affiliated in Physics and Chemistry to the Pre-University Science and B.Sc. Pass standards. As stated previously the departments of Physics and Chemistry are under-staffed, one additional teacher in each subject should immediately be appointed and the third lecturer in Physics and Chemistry should be appointed from July, 1963. Both the Physics and Chemistry laboratories are

now accommodated on the ground floor. We inspected the laboratories and are of opinion that both the Physics and Chemistry laboratories need much addition to the stock of apparatus. The authorities should purchase the remaining apparatus required for the Three-Year Degree Course without further delay. The Chemistry laboratory should have in stock more chemicals and glass goods for smooth working. We fail to understand how the College holds practical classes of 133 students with a very limited stock of chemicals. The authorities have not been able to set up a small workshop attached to the Physics department. Colleges teaching science up to the degree stage must have workshops fitted with requisite tools for petty repairs. We would, therefore, insist that a workshop having a small lathe, a drill, vice and other small tools should be set up without delay.

When the College was granted extension of affiliation in Physics and Chemistry to the Pre-University Science and B.Sc. Pass standards the management was asked to purchase apparatus and equipments worth at least Rs. 20,000. But we presume that apparatus and equipments to the extent of Rs. 20,000 have not yet been purchased and the stock of equipments is poor. We saw in the laboratory a few apparatus viz., Young's Modulus apparatus, Searle's type and Vernier type etc. which are lying in an unworkable condition for want of proper fittings. The management has not yet made arrangements for Dark room, and Balance room. We are of opinion that these arrangements should be made without further delay. The Chemistry laboratory should immediately be provided with Fume chambers.

In Physics and Chemistry, Pre-University students get practical classes twice a week for two periods at a time. But First year Science students have their practical classes in each of the science subjects once a week for two periods. We are of opinion that this practice must be discontinued forthwith and B.Sc. students must have practical classes in each subject twice a week for three periods at a time.

In the Pre-University class the College holds practical classes of 25 students in a batch. We insist that each batch of practical class should not exceed 20 students under the supervision of one teacher.

Results of University Examinations

The first batch of students in Pre-University Arts appeared in the University Examination in 1962.

Out of 100 students appeared in Pre-University Arts 54 passed—2 in first division, 16 in second division and the rest 36 were placed in the third division. The percentage of pass was 54.

Library

The total number of volumes in the library is 1071 distributed as follows in the different subjects :

English	...	148
Bengali	...	513
History	...	74
Sanskrit	...	90
Education	...	22
Chemistry	...	29
Economics and Political Science	...	62
Philosophy	...	42
Physics	...	25
Mathematics	...	35
Encyclopaedia	...	24
Dictionary	...	7

Though the number of books in the different departments exceeds 1000, the College has not the requisite texts and reference books. We are of opinion that the management should purchase the recommended texts and reference books in the different subjects.

Physics and Chemistry departments of the library are poor. Efforts should be made to improve the library.

There is a Reading room. The dimension of the Reading room is quite inadequate for a College of such enrolment. The Reading room facilities should be improved.

There is no annual fixed grant for the library. The College spent Rs. 2,500 for purchase of books in the year

1962. For better facilities there should be a counter in the library where the students may requisition books and also return them there.

There is no qualified librarian in the College. For better management of the library the authorities should appoint a qualified librarian who should at least be a graduate with Dip.Lib. qualification.

There is a Common Room which is maintained mainly by students' contribution. If there be any deficit, the College makes up for the same.

The following periodicals are subscribed for the Common Room :—

Amrita Bazar Patrika, Ananda Bazar Patrika and Jugantar daily papers and 'Desh' and 'Amrita' weekly papers.

There is a College Magazine which is published yearly. Students and teachers contribute articles to the magazine.

College Clubs

There is an Athletic Club and the students play football, volley-ball and badminton etc. The College football team joined the zonal inter-collegiate tournament at Kharagpur.

A lecturer of the College has been placed in charge of the games and sports.

There is a Debating Society in the College which held three meetings during the period under review.

Residence of Students

A rented house is now being used as hostel where 42 students reside. The hostel is in charge of an office clerk who does the duties of the Superintendent. Monthly mess charge is Rs. 35 only besides the seat rent of Rs. 5.50 np. per month. We have seen the blue print of the proposed hostel building which, we were told, will be constructed very soon. The entire cost of this building will be borne by the donor himself. This hostel when completed will provide comfortable accommodation to more students.

Finance

The return of Finance for the year 1961-62 is given in Appendix IV.

SENATE HOUSE, CALOUTTA

The 1st May, 1963

S. P. MUKHERJEE

A. C. BANERJEE

Appendix I

*Names and Qualifications of the Teaching Staff at the beginning of the Current Session (1962-63)
with (i) Changes and (ii) Additions during the last Session*

Serial No.	NAME	Degrees with names of Universities, Classes, Honours, etc., with dates (with details as to previous teaching experience)	Present Post	Date of appointment to Present Post (with grade, if any)	Present Pay or Status	REMARKS
1	2	3	4	5	6	7
1	Sri Gopal Chandra Kar	<p>M.A. (Eng. Group A), C.U. Class II, in 1940 — 4th in order of merit.</p> <p>M.A. (Modern Indian Languages with Hindi as principal subj.), C.U., Class II, 1946, 2nd in order of merit.</p> <p>M.A. (Modern Indian Languages with Bengali as principal subj.), C.U. Class II, 1948.</p> <p>B.A. (Hons. in English), C.U. Class II, 1937.</p>	Principal	<p>16th November, 1961.</p> <p>Grade Rs. 300-20-000.</p>	<p>Rs. - Rs.</p> <p>Salary + D.A. 420 + 35 + 45 Spl. allowance</p>	
		<p>Lecturer in English — Chhatrisgarh College, Raipur, M.P. — from Aug. 1947 to July, 1948.</p> <p>Senior Professor of Eng. Tannalpta Mahavidyalaya, Tumlak, W.U. — from Aug. 1948 to Nov. 1956.</p> <p>Lecturer in Eng. Assam College (Morning Dept.), Calcutta, from Nov. 1956 to June, 1958.</p> <p>Lecturer in Languages, Institute of Rural Higher Education, Siniketan (Visva Bhorati) from Feb. 1958 to Oct. 1960.</p> <p>Principal — Basirhat College, 24-Parganas from Oct. 1960 to Nov. 1961.</p>				
2	Sri Harisadhan Goswami ...	<p>M.A. (Education), C.U., Class II, 1952.</p> <p>M.A. (Beng.), C.U. Class III, 1951.</p> <p>B.T. (C.U.), Class I, 1950.</p> <p>B.A., (C.U.) Pass, 1948.</p>	Lecturer in Education	<p>3rd August, 1961.</p> <p>150-10-323-15-850</p>	150 + 85	No previous experience of teaching in colleges.

Serial No.	NAME	Degrees with names of Universities, Classes, Honours, etc. with dates (with details as to previous teaching experience)	Present Post	Date of appointment to Present Post (with grade, if any)	Present Pay or Status	REMARKS
1	2	3	4	5	6	7
3	Sri Bhupatikumar Datta	M.A. (Bengali), C. U. Class II, 1955. B.A. (Hons. in Beng.) C.U., Class II, 1957. B.A. Pass, C.U. 1955.	Lecturer in Bengali	7th September, 1961 Rs. 150-10-320-15-350	150 +35	Served Nandigram Sitandata College as Lecturer in Bengali and Prof-in-charge from July, 1959 to Oct. 1959 and Kamarupur College (Hooghly) from Oct. 1960 to Sept., 1961.
4	Asokkumar Bhunia	M.A. (Anc. Ind. Hist.), C.U., Class II, 1957. B.A., Pass, C.U., 1955. L.L.B., C.U., Class II, 1960	Lecturer in History	150-10-320-15-350	150 +35	No previous experience of teaching in colleges.
5	Ramjiban Acharyya...	M.A. (Sanskrit), C.U., Class II, (Group A), 1959. B.A. (Pass), C.U., 1957. Kavyasitha (H.S.A.) Class II, 1960.	Lecturer in Sanskrit	21st August, 1961 150-10-320-15-350	150 +35	Served as Lecturer in Sanskrit in Kamarupur College (Hooghly) from 1st November, 1959 to 20th August, 1961.
6	Sri Tarasankar Chatterjee	M.A. (Pol. Sc.), C.U., Class II, 1958. B.A., C.U., (Pass), 1955.	Lecturer in Political Science	15th November, 1961 150-10-320-15-350	150 +35	Served as a Lecturer in Pol. Sc. in Kamarupur College (Hooghly) from 21st August, 1961 to 15th Nov. 1961.
7	Chandrasekhar Misra	M.A. (Eng. Gr. A), C.U., Class II, 1959. B.A. (Dist.), C.U., 1954.	Lecturer in English	1st August, 1962 150-10-320-15-350	150 +35	Sri Sachindranath Bhattacharyya of the same Dept. resigned on 25th September 1961. Served as Lecturer in English in Mahabadi Raj College.
8	Satyendranath Sarangi	M.A. (Modern History), C.U., Class II, 1955. B.A. (Hons. in History), C.U., Class II, 1955.	Lecturer in History	1st August, 1962 150-10-320-15-350	150 +35	Served as Lecturer in History in Nandigram Sitandata College for two years.
9	Mahabir Maji	M.A. (Philosophy) C.U., Class II, 1961. B.A. (Hons. in Phil) C.U., Class II, 1958.	Lecturer in Logic & Philosophy	1st August, 1962 150-10-320-15-350	150 +35	No previous experience of teaching in colleges.
10	Purnachandrar Samanta	M.A. (Economics), C.U., Class II, 1961. B.A. (Hons. in Econ.), C.U., Class II, 1958.	Lecturer in Economics	1st August, 1962 150-10-320-15-350	150 +35	No previous experience of teaching in colleges.

Serial No.	Name	Degrees with names of Universities, Classes, Honours etc., with dates (with details as to previous teaching experience)	Present Post	Date of appointment to present Post (with grade if any)	Percent Pay or Status	REMARKS
1	2	3	4	5	6	7
11	Chittaranjan Chakravarty	M.A. (Bengali), C.U., Class II, 1961. B.A. (Pass), C.U., 1958. M.Sc. (Pure Math.), C.U., Class II, 1958. B.Sc. (Dist.), C.U., 1955	Lecturer in Bengali	1st August 1962 150-10-850-15-850	150 +85	No previous experience of teaching in colleges.
12	Sukbendu S. Kulis ...	M.Sc. (Pure Math.), C.U., Class II, 1958. B.Sc. (Dist.), C.U., 1955	Lecturer in Mathematics	1st August, 1962 150-10-850-15-850	150 +85	Served as Lecturer in Mathematics in Nagesh College, Cuttak.
13	Nitsachandra Mondal	M.Sc. (Bio-Chem.), C.U. Class I, 1962, B.Sc. (Spl. Honors) C.U. 1953.	Lecturer in Chemistry	22nd September, 1962 150-10-850-15-850	150 +85 +30 Lab. allowance +50 Special allowance	No previous experience of teaching in colleges.
14	Umprasanna Lahiri	M.Sc. (Physics), J.U., Class I, 1963. B.Sc. (Hons in Physics) J.U., Class II, 1959.	Lecturer in Physics	22nd September, 1962 150-10-850-15-850	150 +85 +30 Lab. allowance +20 Special Allowance	No previous experience of teaching in colleges.
15	Phanibhusan Datta...	M.A. (double), English Gr. A, C.U., Class II, 1961. English Gr. B, C.U., Class III, 1959. B.A. (Pass), C.U., 1957.	Lecturer in English	1st December, 1962 150-10-850-15-850	150 +85 +10 Special allowance	Served as Lecturer in English in H.D. Colleges for 4 months.

Appendix II

(1) Teaching Staff in each subject* and (2) the amount of work done per week by each Member of the Staff in each subject and in each Class during the year 1962

Serial No.	TEACHER'S NAME AND DESIGNATION	Class and Section	Subject	NUMBER OF PERIODS PER WEEK								REMARKS		
				July to December, 1962				January to April, 1963 (ie., last term of the Session 1961-62)						
				Lectures— Period 45 Minutes	Tutorial work— Period 45 Minutes	Practical work— Period— Minutes	TOTAL	Lectures— Period 45 Minutes	Tutorial work— Period 45 Minutes	Practical work— Period— Minutes	TOTAL			
1	2	3	4	5	6	7	8	9	10	11	12	13		
1	Sri Gopalchandra Kar, Principal and Professor of English.	2nd-year, Arts.	English	4	...	...	5	...	...	...	...	...	...
			Alt. Bengali	1	...	...	2	...	...	...	...	...	...
			English Bengali	1	...	...	1	...	...	...	...	...	...	9
			P. U. Arts P. U. Sc.	1	...	...	1	...	...	...	...	...	...	...
2	Chandrasekhar Misra, Lecturer in English.	2nd-year Arts. 1st-year Arts. P. U. Arts P. U. Sc.	English	3	...	...	3	...	...	...	...	...	...
			Do.	1	...	...	4	...	...	...	...	...	...
			Do.	5	...	...	5	...	...	...	...	...	...	...
			Do.	5	...	...	5	...	...	...	...	...	...	...

Serial No.	TEACHER'S NAME AND DESIGNATION	Class and Section	Subject	NUMBER OF PERIODS PER WEEK									REMARKS	
				July to December, 1962					January to April, 1963 (i.e., last term of the Session 1961-62)					
				Lectures— Period..... Minutes	Tutorial work— Period .. Minutes	Practical work— Period..... Minutes	Total	Lectures— Period..... Minutes	Tutorial work— Period..... Minutes	Practical work— Period..... Minutes	Total			
1	2	3	4	5	6	7	8	9	10	11	12	13		
3	Jagannath Goswami, Part-time Lecturer in English.	P. U. 1st-year B.A.	...	2	...	...	...	...	2	...	...	...	...	...
4	Rupathokumar Datta, Lecturer in Bengali.	2nd-year B.A. 1st-year B.A. P. U. Arts P. U. Sc.	Beng. Comp. Beng. Alt. Beng. Elective Beng. Comp. Beng. Alt. Beng. Elective Beng. Comp. Beng. Elective Beng. Comp.	2 2 2 2 2 2 2 2 2 2	...	...	...	6 6 4 5 2	...	...	...	...	...	...
5	Chittaranjan Chatterjee, Lecturer in Bengali.	2nd-year B.A. 1st-year B.A. P. U. Arts P. U. Sc.	Beng. Comp. Beng. Alt. Beng. Elective Beng. Comp. Beng. Alt. Beng. Elective Beng. Comp. Beng. Elective Beng. Comp.	2 2 2 2 2 2 2 2 2 2	...	...	...	6 6 4 3	...	...	...	...	...	...
6	Asoke Kr. Bhunia, Lecturer in History.	2nd-year B.A. 1st-year B.A. P. U. Arts	History	4 4 4	...	...	...	12	...	...	...	...	...	...
7	Satyendranath Sarangi, Lecturer in History.	2nd-year B.A. 1st-year B.A. P. U. Arts	History	4 4 4	...	...	...	12	...	...	...	...	...	...
8	Tarasankar Chatterjee, Lecturer, in Pol. Science.	2nd-year Art. 1st-year P. U. Arts	Pol. Science Civics	6 5 3	...	...	...	14	4 5	2 2	...	6 7	...	...
9	Harisadhan Goswami, Lecturer in Education.	2nd-year 1st-year P. U. Arts	Education	6 5 ...	...	...	...	11	...	5 R. T. 3 B. T. 2	...	...	...	10
10	Ranjiban Acharyya, Lecturer in Sanskrit.	2nd-year 1st-year P. U. Arts	Sanskrit	5 5 4	...	...	...	14	5 4	...	...	...	...	11

Serial No.	TEACHER'S NAME AND DESIGNATION.	Class and Section	Subject	NUMBER OF PERIODS PER WEEK									REMARKS	
				July to December, 1902.					January to April, 1903 (i.e., last term of the Session 1901-02).					
				Lectures— Period.....45 Minutes	Tutorial work— Period.....45 Minutes	Practical work— Period.....45 Minutes	TOTAL	Lectures— Period.....45 Minutes	Tutorial work— Period.....45 Minutes	Practical work— Period.....45 Minutes	TOTAL			
1	2	3	4	5	6	7	8	9	10	11	12	13		
11	.. Mahabir Maji, Lecturer in Philosophy.	2nd-year 1st-year P. U. Arts	Philosophy	5 5 5	..	..	19	..	..	..	..	..	..	..
12	.. Purna Ch. Sainanta, Lecturer in Economics.	1st-year P. U. Arts	Economics	6 4	..	..	14	..	..	..	..	..	..	..
13	.. Sakbenda S. Kulkarni, Lecturer in Mathematics.	1st-year B.Sc. P. U. Sc.	Mathematics	7 7	..	..	14	..	..	..	..	..	..	..
14	.. Nikhilesh Chatterjee, Part-time Lecturer in Chemistry.	1st year B.Sc. P. U. Sc.	Chemistry	3 3	..	..	6	..	..	..	..	..	..	..

15	.. Purna Ch. Sainanta, Part-time Lecturer in Physics.	1st-year B.Sc. P. U. Sc.	Physics	5 5	..	..	6	..	..	..	..	..	..	..
16	.. Sanyal Ch. Pr. Part-time Lecturer in Physics.	1st-year B.Sc. P. U. Sc.	Do.	5 5	..	..	6	..	..	..	..	..	..	..
17	.. Ashish Mukherjee, Part-time Lecturer in Chemistry.	1st-year B.Sc. P. U. Sc.	Chemistry	5 5	..	..	6	..	..	..	..	..	..	..
18	Dr. P. C. Raichandhuri, Part-time Lecturer in Chemistry.	1st-year B.Sc. P. U. Sc.	Do.	9 2	..	..	4	..	..	..	..	..	..	..
19	Sri Nitalchandra Mondal	1st-year B.Sc. P. U. Sc.	Do.	10 6	..	..	16	..	..	..	..	..	..	..
20	.. Umamprasad Lahiri	1st-year B.Sc. P. U. Sc.	Physics	19 6	..	..	18	..	..	..	..	..	..	..
21	.. Phanibhusan Dutta ...	2nd-year B.A. 1st-year B.A. P. U. Arts P. U. Sc.	English	3 2 2 2	..	..	15	..	..	..	..	..	..	..

Appendix III

1st year B.A. (1961-62)

English	..	30
Bengali	..	101
History	..	94
Political Sc.	..	63
Econ. Bengali	..	77
Art. Bengali	..	41
Maths	..	97
Education	..	73
	GR	73

P. U. Arts (1961-62)

English	..	114
Bengali	..	73
Econ. Bengali	..	70
History	..	74
Logic	..	80
Legal	..	75
Sanskrit	..	82

Appendix IV

Return of Finance

RECEIPTS

Year	Opening Balance	Endowments	Funds of the Management	Fee Income	Government Grant		Other Grant	Other Sources including Subscriptions, Loans, etc.	TOTAL	REMARKS
					Capital Expenditure	Revenue Expenditure				
1	2	3	4	5	5 (a)	5 (b)	6 (ii)	7	8	9
	Rs. nP.	Rs. nP.	Rs. nP.	Rs. nP.	Rs. nP.	Rs. nP.	Rs. nP.	Rs. nP.	Rs. nP.	
1961-62	...	51,500'00	40,560'97	13,774'00	...	...	...	...	1,05,834'97	

EXPENDITURE

Year	Teaching Staff	Clerical Establishment	Menial Establishment	Furniture	Library	Apparatus, Laboratory, etc.	Repairs to or Extension of Buildings	Scholarships	Miscellaneous	TOTAL	Closing Balance	REMARKS
10	11	12	13	14	15	16	17	18	19	20	21	22
	Rs. nP.	Rs. nP.	Rs. nP.	Rs. nP.	Rs. nP.	Rs. nP.	Rs. nP.	Rs.	Rs. nP.	Rs. nP.	Rs. nP.	
1951-52	8,838.75	450.0	281.0	2,000.0	9,600.0	...	40300.00	...	644.88	61,751.13	41,069.84	



VIDYASAGAR UNIVERSITY

MIDNAPORE :: WEST BENGAL :: PIN-721102

Phone : (03222) 60554 / 62297 / 63201 / 62441 / 60555

Ref. No. VU/IC/Affil/ 98/2005-2006

Date... 14.7.05

From : Dr. S.K. Hansda,
Inspector of Colleges

To : The Principal
Fanskura Manamali College,
P.O. Fanskura, Dt. Furba Medinipur.

Sub: Extension of Temporary affiliation in the subject noted below from the session 2005-2006.

Sir,

In terms of the recommendation of the West Bengal State Council of Higher Education and the approval of the Executive Council, Vidyasagar University your college has been granted temporary affiliation in the following subjects from the session 2005-2006 subject to fulfilment of the conditions as under:

<u>Subject affiliated</u>	<u>Intake Capacity</u>
Santali (Gen)	- 30
Sanskrit (Hons)	- 30
Music (Gen)	- 50

Conditions :

- At the end of each academic session the Principal will send specially a report regarding No. of classes/Tutorials; No. of teaching days; Students and Teachers attendances
- In case of any irregularity, non-compliance of the University Directives, consecutive bad performances in the University Examinations, the extension of affiliation will be withdrawn unilaterally.
- (a) At least three teachers for Santali (G) must be appointed before commencement of classes. One of whom should be a Full-time teacher.
(b) The college will have to collect books and magazines of Santali Language & Literature worth Rs.30,000/- at present.
(c) The intake for Santali (Gen) will be 30 (thirty).
- (a) To run the Sanskrit (Hons) two whole-time teachers must be appointed until the permanent posts are filled up.
(b) Books (mostly text books & ref. books) worth Rs.40,000/- to be purchased for the Sanskrit (Hons).
(c) The intake capacity will be 30 (thirty) in Sanskrit (Hons).
- (a) Two Guest Lecturers having M. Music qualification and two Accompanists and one Attendant for the Music (Gen) course must be appointed before the classes commence.
(b) Books on Music worth Rs.25,000/- to be purchased at the earliest.
(c) Musical Instruments worth Rs.30,000/- to be purchased to start with.
(d) The intake capacity in Music (Gen) is 50 (fifty).
- The college must stick to the granted intake.

Thanking you,

Yours Sincerely,

(S.K. Hansda)

INSPECTOR OF COLLEGES



MIDNAPORE :: WEST BENGAL :: PIN-721102

Phone : (03222) 80554 / 82297 / 63201 / 62441 / 80555

Ref. No. VU/IC/Affl/ 98 /2005-2006

Date... 14.7.05

From : Dr. S.K. Hansda,
Inspector of Colleges

To : The Principal
Fanskura Banamali College,
P.O. Fanskura, Dt. Furba Medinipur.

Sub: Extension of Temporary affiliation in the subject noted below from the session 2005-2006.

Sir,

In terms of the recommendation of the West Bengal State Council of Higher Education and the approval of the Executive Council, Vidyasagar University your college has been granted temporary affiliation in the following subjects from the session 2005-2006 subject to fulfilment of the conditions as under:

<u>Subject affiliated</u>	<u>Intake Capacity</u>
Santali (Gen)	30
Sanskrit (Hons)	30
Music (Gen)	50

Conditions :

- At the end of each academic session the Principal will send specially a report regarding No. of classes/Tutorials; No. of teaching days; Students and Teachers attendances
- In case of any irregularity, non-compliance of the University Directives, consecutive bad performances in the University Examinations, the extension of affiliation will be withdrawn unilaterally.
- (a) At least three teachers for Santali (G) must be appointed before commencement of classes. One of whom should be a Full-time teacher.
(b) The college will have to collect books and magazines of Santali Language & Literature worth Rs.30,000/- at present.
(c) The intake for Santali (Gen) will be 30 (thirty).
- (a) To run the Sanskrit (Hons) two whole-time teachers must be appointed until the permanent posts are filled up.
(b) Books (mostly text books & ref. books) worth Rs.40,000/- to be purchased for the Sanskrit (Hons).
(c) The intake capacity will be 30 (thirty) in Sanskrit (Hons).
- (a) Two Guest Lecturers having M. Music qualification and two Accompanists and one Attendant for the Music (Gen) course must be appointed before the classes commence.
(b) Books on Music worth Rs.25,000/- to be purchased at the earliest.
(c) Musical Instruments worth Rs.30,000/- to be purchased to start with.
(d) The intake capacity in Music (Gen) is 50 (fifty).
- The college must stick to the granted intake.

Thanking you,



VIDYASAGAR UNIVERSITY

Midnapore 721 102 West Bengal

Phone : (03222) 62297/63201/62441

: 2 :

Copy to :

1. The Director of Public Instruction, Bikash Bhawan, Kolkata-91
2. The Secretary, Higher Education Council, Kolkata.
3. The Registrar, Vidyasagar University
4. The Controller of Examinations, Vidyasagar University
5. The Secretary, U.G. Council, Vidyasagar University.
6. Concerned College File.

(S. K. Hansda)
Inspector of Colleges.

To the
for
8/7/06
20/6



Ref.No. WU/IC/297/2006

Date : 23/6/06

From : Dr. S. K. Hansda
Inspector of Colleges

To : The Principal/Teacher-in-Charge
Panskura Banamali College
Panskura R.S.
Purba Medinipur

Subject : Extension of Temporary Affiliation in subject noted below from the session 2006-2007

Sir,

In terms of the recommendation of the West Bengal State Council of Higher Education and the approval of the Executive Council, Vidyasagar University your college has been granted temporary affiliation in the following subjects from the session 2006-2007 subject to fulfilment of the the conditions as stated below :

<u>Subject Affiliated</u>	<u>Intake Capacity</u>
Santali (Honours)	30
Music (Honours)	35

Conditions:

- At the end of each academic session the Principal will send specially a report regarding No. of Classes/Tutorials ; No. of teaching days ; Students and Teachers attendances.
- In case of any irregularity, non-compliance of the University Directives, consecutive bad performances in the University Examinations, the extension of affiliation will be withdrawn unilaterally.
- For Santali (H) : (i) To open Honours course in Santali Two Full-time teachers and Two Part-time teachers must be appointed well ahead of commencement of classes. (ii) Books worth Rs.50,000/- to be purchased both for General and Honours course for the college Library. (iii) Books should be purchased as per syllabus.
- For Music (H) : To extend affiliation in Music (Honours) Two Full-time teachers having M.A. in Rabindra Sangeet or Vocal (Classical) or Bengali Modern song with 55% aggregate to be appointed in addition to the existing Two Part-time teachers. (ii) Instruments such as Tanpura : 3, Tabla : 3, Banyas : 3, Pakhwaj : 1, Harmonium : 4 to be purchased before classes start. (iii) Books worth Rs.20,000/- to be purchased for the college Library.
- The College must stick to the ^{granted} Intake Capacity.
- As a general condition the college will have to appoint One Full-time and One Part-time teacher for General subjects and Two Full-time and Two Part-time teachers for Honours subjects where there is no teacher in the Department to meet the minimum requirement.

Thanking you,

Yours sincerely,



VIDYASAGAR UNIVERSITY

MIDNAPORE • PASCHIM MEDINIPUR
WEST BENGAL • PIN 721 102

Ref.No. VU/IC/Affil./220/2012

Date: July 13, 2012

From: Dr. B. K. Chanda,
Inspector of Colleges.

To: The Principal/Teacher-in-Charge,
Panskura Banamali College,
P.O.: Panskura R. S.,
Purba Medinipur.

Sub: Temporary permission of extension of affiliation for teaching; permission of Method Subject from 2012-13.

Sir/Madam,

This is to inform you that, I am directed by the Hon'ble Vice-Chancellor to extend the temporary teaching permission in 'Work Education' as method subject with an intake capacity 30 (thirty) as per NCTE norm from the session 2012-13.

It is also informed that the said extension of affiliation will be approved after inspection within 15th August 2012 by the Executive Council of the University if satisfied by the report.

Therefore, you are requested to take necessary action in this regard and do the needful for preparation of Work Education infrastructure as per norm.

Thanking you,

Yours faithfully,

(Dr. B. K. Chanda)
INSPECTOR OF COLLEGES.

Ann/819/af

Government of West Bengal
Higher Education Department
C. S. Branch
Bikash Bhavan, Salt Lake, Calcutta - 700 091.

No. 534-22n(CS)
6A-6/99.

dated Calcutta, the 10th April, 2000.

From : Shri R. K. Chakraborty,
Deputy Secretary to the Government of West Bengal.

To : The Director of Public Instruction, West Bengal
Bikash Bhavan, Salt Lake,
Calcutta - 700 091.

Sub : Affiliation of new subjects/Courses in the Non-Govt.
Colleges with effect from 1999-2000 academic session.

Ref : His memo No. 224(P & S) dt. 21.2.2000.

*Jobe
filed
K. K.
21/4/2000*

The undersigned is directed by order of the Governor to say that the Governor is pleased to approve of affiliation in the subjects/courses mentioned against each of the Non-Govt. Colleges of West Bengal University-wise, in the annexed lists, at the degree level with effect from the academic session 1999-2000 subject to the grant of affiliation in the said subjects/courses by the affiliating Universities.

All concerned are being informed.

Deputy Secretary

No. 534/1(150)-22n(CS)

Copy with the copy of the annexure forwarded for information and necessary action to :-

- 1) The Registrar,
- 2) Principal/Teacher-in-Charge
*Panchsara Banamali College, Panchsara,
Midnapore, Pin: 721152*
- 3) The Deputy Director of Public Instruction (P&S), West Bengal
- 4) The Assistant Director of Public Instruction (NOC), West Bengal,
- 5) Member-Secretary, The West Bengal State Council of Higher Education, 147A, Rash Behari Avenue, Calcutta - 700 009,
- 6) The Secretary,
West Bengal College Service Commission, 6, Bhawanji Datta, Lane, 4th floor, Calcutta - 73,
- 7) P.A. to the Principal Secretary of this Deptt.,
- 8) Monitoring Cell of this Deptt.

Calcutta,
the 10th April, 2000.

[Signature]
Deputy Secretary

Annexure to the G.O. No. 534-Edn(CS), dated 10.4.2000.

Names of the Colleges for affiliation to new subjects/courses
in Non-Govt. Colleges with effect from 1999-2000 academic session.

Sl. No. of the Colleges and addresses (UNDER VIDYASAGAR UNIVERSITY)	Subjects/Courses for affiliation.
1. Mughberia Gangadhar Mahavidyalaya Midnapore	Physical Education (Hon)
2. Mahisadal Girls' College, Midnapore	English (Hons)
3. Panskura Banamali College, Midnapore	Zoology (Hons)
4. Pingla Thana Mahavidyalaya Midnapore	Botany. (Hons)
5. Sova Bharati Mahavidyalaya, Midnapore	Bengali (Hons)
6. Vivekananda Satbarshiki Mahavidyalaya, Midnapore	History (Hons) Political Science (Hons)
7. Yogada Satsanga Palpara Mahavidyalaya, Midnapore	Physics (Hons).

[Handwritten signature]



VIDYASAGAR UNIVERSITY

MIDNAPORE 721 102 WEST BENGAL

Phone : (03222) 62297/63201/62441

Ref.No.VU/IC/Insp(Affl)/077/99-2000

NOVEMBER 15, 1999

From : The Office of the
Inspector of Colleges.

To : The Principal,
Panskura Banamali College,
P.O.: Panskura, R.S.,
Dist: Midnapore.

Dear Sir,

Your College will be inspected on NOVEMBER 24, 1999 at 12 noon in connection with the extension of affiliation in ZOOLOGY (HONS.) at degree level.

This is for your information and necessary action.

With regards,

Yours faithfully,

INSPECTOR OF COLLEGES

AKM/-



VIDYASAGAR UNIVERSITY

Midnapore 721 102 West Bengal

Phone : (03222) 62297/63201/62441

Ref.No.VU/DIC/Affiliation/2nd/99-2000

DECEMBER 02, 1999

From: Dr. T. S. Panigrahi,
Deputy Inspector of Colleges.

To: The Principal,
Panskura Banamali College,
P.O.: Panskura R. S.,
Dist: Midnapore.

Sub: Extension of temporary affiliation in ZOOLOGY(Hons.) in the
degree course with effect from the session 1999-2000

Dear Sir,

In terms of the views of the Govt.(Vide-DPI's letter No.185(P & S) dated 17th/20th September,1999) and the decision of the Executive Council of the University, Panskura Banamali College, P.O.:Panskura R. S., Dist: Midnapore has been granted extension of temporary affiliation in ZOOLOGY(Hons) in the degree course with effect from the session 1999-2000 subject to the following conditions :

- (i) the affiliation is purely temporary;
- (ii) necessary books and Laboratory equipments be purchased;
(Report enclosed)
- (iii) Full-time/Part-time/Guest teachers be appointed to complete the syllabus;
- (iv) the intake capacity in the 1st. year class for Zoology(Hons.)= 20(twenty);
- (v) at the end of each academic session the Principal/Teacher-in-charge will send specially a report regarding number of classes/tutorials held; no. of teaching days; students & teachers attendance;
- (vi) in case of any irregularity, non-compliance of the University directives, consecutive bad performances in the University Examinations, the extension of temporary affiliation will be withdrawn unilaterally.

With regards,

Yours sincerely,

(Dr. T. S. Panigrahi)
DEPUTY INSPECTOR OF COLLEGES.

- Copy to:
1. The Director of Public Instructions, Education Directorate, Bikash Bhawan, Salt Lake City, Calcutta-700 091.
 2. The Secretary, Higher Education Deptt. West Bengal.
 3. The Deputy Controller of Exams., Vidyasagar University.
 4. The Registrar, Vidyasagar University.
 5. The Secretary, U.G.Council, Vidyasagar University.

GOVERNMENT OF WEST BENGAL
EDUCATION DIRECTORATE
PLANNING AND STATISTICS
BIKASH BHUJAN (8TH FLOOR), SALT LAKE
CALCUTTA - 91

Memo No. 13-119, Dated : The 17th September, 1999

From : The Director of Public Instruction
& Ex-Officio Secretary to the Govt.
of West Bengal

To : The Inspector of Colleges
Vidyasagar University
P.O. - Vidyasagar University
Dist. - Midnapore
Pin - 721 102.

Sub : Extension of affiliation to new subjects from
1999 - 2000 in Non-Govt. Colleges (supplemen-
tary to the First List).

Ref : Our letter No.171-(P & P) dated 10th August,
1999 (First List) and No.181-(P & S) dated
10th September, 1999 (Second List).

In ~~connection~~ continuation of the letters referred
to above, the undersigned has been directed to communicate
to you that the West Bengal State Govt. has no objection in
giving administrative approval to introduce the proposed
subjects in the colleges of this supplementary to the First
List, subject to your granting of affiliation for the same.

Kindly inform the Education Directorate (Planning
and Statistics) of your decision at the earliest.

Sandip Kumar Chaudhary

for Director of Public Instruction &
Ex-Officio Secretary to the Govt.
of West Bengal

Encls :

List of colleges with
proposed subjects.

Extension of affiliation to new subjects from 1999 -
2000 in Non-Government Colleges.

<u>Sl.</u> <u>No.</u>	<u>C O L L E G E</u>	<u>Subjects proposed</u>
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VIJAYASAKAR UNIVERSITY

DISTRICT : MIDNAPORE

- | | | |
|----|---------------------------|-------------|
| 1. | Panskura Banamali College | Zoology (H) |
| 2. | Mahishadal Girls' College | English (H) |

