

SYLLABUS

of the

Value added Course

Internet and Webpage design (BCAVAC 002)

(w.e.f. 2022-2023)



Offered by:

THE DEPARTMENT OF COMPUTER APPLICATION (BCA)

Panskura Banamali College

(AUTONOMOUS)

Panskura R.S., Purba Medinipur

West Bengal – 721152

COURSE INFORMATIONIN BRIEF

Course Name:	<i>Internet and Webpage design</i>
Course Contents:	Course layout, rules & regulations
Course Type:	Value added Course (Optional, additional, and not a part of the CBCS curriculum)
Medium:	Bengali, English
Mode:	Offline
Intake:	Minimum 20; Maximum 40
Eligibility:	+XII, Any interested candidate in Internet and Web page
Duration:	30 hours (to complete within a time span of 2 months)
Course Fees:	Rs. 300
Coordinator:	Sk.Md. Habibullah, Assistant Professor
Contact:	Department of Computer Application (BCA), PanskuraBanamali College (Autonomous) habib.hwh@gmail.com 9609287587 (WhatsApp only)

Structure & Contents

Course : **Internet and web page Designing**

Credit : NA Duration :30 Hours

Code: BCA02

Internet and web page Designing Credit : 02 Duration :30 Hours Code: BCA02 About Course : The course covers all the essential elements of technology and the latest domain and fundamentals of sustainability for the Information Technology(IT) industry. Not Only IT Professionals are able to sustain and maintain in developing techniques. This course is designed to impart knowledge about IT word wise.

Course Objective : To develop IT Professionals who can assess, and develop strategies to use of the web operations of an organization.

[N.B.: 1 Lecture (L) = 1 Hour]

Course Contents :

1. Introduction to types of network : LAN, MAN ,WAN.	2L
2. Introduction to Web Programming(HTML,CSS and JavaScripts)	2L
3. Installation of PHP/MySql and web server	2L
4. Introduction to PHP programming	2L
5. Introduction to SQL/ My SQL.	2L
6. Loops, Control Structure and Arrays	2L
7. PHP functions String functions , Array functions , Mathematical function , Graphics functions, File system function, Date and time function , Miscellaneous Functions .	8L
8. Error handling	2L
9. Object Oriented Features of PHP	2L
10. File and Directory handling data , Adding and removing user access.	2L
11. Web Servers IIS web Server ,Apache web server	2L
12. Mini project (With static and dynamic) on webpage design.	2L

Recommended Books:

1. Beginning PHP 4 Databases – Christopher Scollo, Harish Rawat, Dipak Thomas, Sanjay Abraham, Andrew Hill & Jim Hubbard; Wrox Press
2. PHP MySQL Website Programming – Chris Bea, Mike Duzzard, Jessy White, Cinis & Dilip Thomas; Wrox Press
3. PHP Black Book – Peter Moulding, Coriolis Group
4. MySQL – PHP Database Applications – Jay Greenspan & Brad Bulger; John Wiley & Sons
5. PHP MySQL Website Programming: Problem-Design-Solutions – Chris Bea, Mike Duzzard, Jessy White, Cinis & Dilip Thomas; Apress
6. Essential PHP for Web Professionals – Christopher Cosentino; Prentice Hall
7. Sam's Teach Yourself PHP 4 in 24 Hours – Matt Zandstra; SAMS
8. PHP 5.1 For Beginners – Ivan Bayross, O'Reilly, Shroff Publishers & Distributors Pvt. Ltd.

Course Outcome: Gain knowledge about Internet and web page Designing practices in different IT sectors.