As Per NEP 2020

Tolani College of Commerce (Autonomous)

Knowledge is Supreme

Title of the Course: <u>Web Programming</u>

Programme: B.Sc(Information Technology) Semester II

Syllabus for 2 credits Course

From the academic year- 2024-2025

Sr. No.	Heading	Particulars
1	**Description Of the course :**	The course covers basic construction of web page, cascading style sheet, and java script. The course provides a foundation in computer programming in Javascript.
2	**Vertical:**	Vocational Skill Course
3	**Type:**	Theory and Practical
4	**Credit:**	2 credits (1 Credit = Theory and 1 Credit = Project Work)
5	**Hours Allotted:**	30 Hours
6	**Marks Allotted:**	50 Marks Continuous Evaluation: 20 Marks Semester-End: 30 Marks
7	**Course Objectives:** **1.** To learn HTML tag sand JavaScript Language programming concept sand techniques. **2.**PHPintroductionandcompatibilitywithHTMLandJavascript	
8	**Course Outcomes:** **1.**Developafullyfunctioningstaticwebsiteanddeployonawebserver **2.**Developand deploy web sites using PHP	

9	**Module1: HTML5 and Java Script (15 Hours)**
	• Introduction, Why HTML5? Formatting text by using tags, using lists and backgrounds, Creating hyperlinks and anchors.Creating navigational aids: planning site organization, creating text based navigation bar, creating graphical navigation bar, creating image map, creatingdivisions, creating HTML5 semantic layout. • Introduction, Client-Side JavaScript, Server-Side JavaScript, JavaScript Objects, JavaScript Security, Operators, Statements. Loop, Functions Advance JavaScript (Properties and Methods of Each) : regular Expression and Events and Event Handlers, Events, Defining Event Handlers.
	Module2: PHP, Advanced PHP and MySQL (15 Hours)
	• Why PHP and MySQL? Server-side scripting, PHP syntax and variables, comments, types, control structures, branching, looping, termination, functions, passing information with PHP, GET, POST, formatting form variables, superglobal arrays, strings and string functions, regular expressions, arrays, number handling, basic PHP errors/problems. • PHP/MySQL Functions, Integrating web forms and databases, Displaying queries in tables, Building Forms from queries, String and Regular Expressions, Sessions, Cookies and HTTP, E-Mail.

11	**Reference Books:** • **Author:** Sharanam Shah, **Title:** PHP Project for Beginners , **Publisher:** SPD 2ND Edition, **Year:** 2015 • Link: https://e-next.in/bsc-it/sem2/web-programming/
12	**Internal Continuous Assessment:20%**	**Semester End Examination:30%**
13	**Continuous Evaluation through:**	**Practical Assessment**

14	**Format of Question Paper:**

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Scheme of Evaluation Pattern
Table 1A: Scheme of Continuous Evaluation (CE/Practical)
Scheme of Evaluation Pattern

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Sub-components	Maximum Marks	Conditions for passing
1) Practical exam	15	A learner must be present for each of the sub-components.
2) Journal and Viva	5	
Total	20	

Table 1B: Scheme of Semester End Examination (SEE) Evaluation
Question Paper Pattern for Semester End Examination (SEE)

Maximum Marks: 30   **Duration: I Hrs.**

Note: All questions are compulsory. Each question has an internal choice.

Question Number		Nature of Questions	Maximum Marks
1)	**Attempt any 3**		
	a)		15
	b)		
	c)		
	d)		
	e)		
2)	**Attempt any 3**		
	a)		15
	b)		
	c)		
	d)		
	e)		

Signatures of Team Members

Sr.No	Name	Signature
1.	Ms. Bandita Singh	
2.	Mr. Deepak Sharma	
3.	Ms. Sabiha Malik	
4.	Ms. Shraddha Parab	
5.	Ms. Vibhuti Barad	