**Curriculum Plan(Odd Semester 2021-22)**

**(Department of Computer Science)**

Name of the Faculty : kanishka

Name of the Course : B.Sc. (hons) Computer Science

Semester : 3rd sem

Title of the Paper : Web Design and Development(Theory + Practical)

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| **S No** | **Topic** | **References/content** | **schedule** |
| 1. | |  | | --- | | Introduction to Static and Dynamic Websites (Website Designing and Anatomy of Webpage) | | |  | | --- | | [1] 1 | | 26th August |
| 2. | |  | | --- | | Introduction to HTML and CSS (Basic Tags, Lists, Handling Graphics, Tables, Linking, Frames, Forms), Introduction to DOM , CSS    ASSIGNMENT SUBMISSION 1  TEST 1 | | |  | | --- | | [1] 2-7, 11 | | September |
| 3. | Introduction to JavaScript (Basic Programming Techniques & Constructs, GET/POST Methods, Operators, Functions, DOM Event handling, Forms Validation, Cookies), Inter-page communication and form data handling using JavaScript  TEST 2  ASSIGNMENT SUBMISSION | |  | | --- | | [1] 9-10 | | October |
| 4. | |  | | --- | | Introduction to PHP (Working, Difference with other technologies like JSP and ASP), PHP Programming Techniques (Data types, Operators, Arrays, Loops, Conditional statements, Functions, Regular expressions) | | [2] 1-5 | November |
| 5 | |  | | --- | | Form Data Handling with PHP, Database connectivity and handling using PHP-MySQL | | [1] 20 [2] 9-10 | December |

**References:**

1. Bayross, I. (2013). *Web enabled commercial application development using HTML, JavaScript, DHTML and PHP*. 4th edition. BPB Publication.

2. Holzner, S.(2007). *PHP: The Complete Reference Paperback*, McGraw Hill Education (India).