**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. |

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| Introduction to Static and Dynamic Websites (Website Designing and Anatomy of Webpage)  |

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| [1] 1 |

 | 26th August |
| 2. |

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| Introduction to HTML and CSS (Basic Tags, Lists, Handling Graphics, Tables, Linking, Frames, Forms), Introduction to DOM , CSS ASSIGNMENT SUBMISSION 1TEST 1 |

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| [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 2ASSIGNMENT SUBMISSION |

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|  [1] 9-10 |

  | October |
| 4. |

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| 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 |

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| 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).