**Curriculum Plan(Odd Semester 2024-25)**

**(Department of Computer Science)**

Name of the Faculty : Ms kanishka

Name of the Course : B.Sc Physical Science(DSE)

Semester : 5th sem

Title of the Paper : Machine Learning (Theory + Practical)

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| **S No** | **Topic** | **References/content** | **schedule** |
| 1. | **Unit 1. Introduction**  Introduction to internet and web design.  Basic concepts of web architecture.  **Unit 2. HTML**  Introduction to hypertext mark-up language  (HTML), creating web pages, lists, elements  of HTML, hyperlink | [2] | August |
| 2. | **Unit 3. Basics of Javascript**  Document object model, data types and  variables, functions, methods, and events,  controlling program flow, client-side form  validation.  Test 1 | [2] | September |
| 3. | **Unit 4. Introduction to PHP**  Basic syntax, defining variables and  constants, data types, operators and  expression, decision making statements,  loop constructs, functions.  **Unit 5. Handling HTML Form with PHP**  Connecting an HTML form with PHP,  submitting data to the server using GET and  POST methods, GET vs POST methods.  Assignment and Test 2 | [1] | October |
| 4. | **Unit 6. Database Connectivity**  Connectivity with database, database  creation, creating tables, insertion and  retrieval of the data from the database, data  manipulation.  Revision | [3] | November |

**Textbooks:**

1. Nixon, R. **Learning PHP, MySQL & JavaScript A Step-by-Step Guide to Creating**

**Dynamic Websites**, 6th edition, 2021, O'Reilly.

2. Ivan Bayross, **Web Enabled Commercial Application Development Using Html,**

**Javascript, DHTML and PHP**, 4th Revised Edition, 2010, BPB Publications.

3. Holzner S. **PHP: The Complete Reference,** 2017, McGraw Hill**.**