

Panipat Institute of Engineering & Technology
Department of CSE-AI&DS
LESSON PLAN

Subject: IWT

Subject code: PC-CSAIDS -208A

Session: Jan.-June 2023-24

Semester: 4th

| S.No | Topic | CO Covered | Assignment No. | Teaching Methodology |
|------|---|------------|------------------------|----------------------|
| 1 | Introduction to basics of IWT | CO1 | Assignment No.1 | Smart board |
| 2 | The role of Information Architect, Collaboration and communication | CO1 | | Smart board |
| 3 | Organizing information, organizational challenges, Organizing web sites and Intranets | CO1 | | Smart board |
| 4 | Creating cohesive organization systems, designing navigation systems | CO1 | | Smart board |
| 5 | Types of navigation systems, Integrated navigation elements | CO1 | | Test |
| 6 | Designing elegant navigation systems, Searching systems | CO1 | | Smart board |
| 7 | Searching your web site, designing the search interface | CO1 | | Smart board |
| 8 | Indexing the right stuff, To search or not to search grouping content | CO1 | | Oral test |
| 9 | Conceptual design, High level Architecture Blueprint | CO1 | | PPT |
| 10 | Architectural Page Mockups, Design Sketches | CO1 | | PPT |
| 11 | Introduction to XHTML and HTML5 | CO2 | Assignment No.2 | PPT |
| 12 | Basic Syntax, Standard XHTML Document Structure | CO2 | | PPT |
| 13 | Basic Text Markup, Images, Hypertext Links | CO2 | | PPT |
| 14 | Lists, Tables, Forms, HTML5 | CO2 | | PPT |
| 15 | Syntactic Differences between HTML and XHTML | CO2 | | PPT |
| 16 | Introduction to CSS, Levels of Style Sheets | CO2 | | PPT |
| 17 | Style Specification Formats, Selector Forms, Property Value Forms, Font Properties | CO2 | | PPT |
| 18 | List Properties, Color, Box Model | CO2 | | Smart board |
| 19 | Alignment of Text, Background Images | CO2 | | Smart board |
| 20 | Conflict Resolution. | CO2 | | Smart board |
| 21 | Overview of JavaScript, Object Orientation and JavaScript | CO3 | Assignment No.3 | Smart board |
| 22 | General Syntactic Characteristics, Primitives, Operations | CO3 | | Smart board |
| 23 | Expressions, Screen Output and Keyboard Input | CO3 | | Smart board |
| 24 | Control Statements, Object Creation | CO3 | | Written test |
| 25 | Modification, Arrays, Functions | CO3 | | PPT |

| | | | | |
|----|--|-----|----------------------------|-----|
| 26 | Constructors, Pattern Matching | CO3 | | PPT |
| 27 | Using Regular Expressions, Errors in Scripts | CO3 | | PPT |
| 28 | Introduction to Python, Data Types | CO4 | Assignment No.4 | PPT |
| 29 | Expressions, Control Statements | CO4 | | PPT |
| 30 | Oral Test of Python functions | CO4 | | PPT |
| 31 | Python Data types | CO4 | | PPT |
| 32 | Written test | CO4 | | PPT |
| 33 | Strings and Text Files, Lists and Dictionaries | CO4 | | PPT |
| 34 | Design with Functions | CO4 | | PPT |
| 35 | Design with Classes | CO4 | | PPT |
| 36 | Revision | CO4 | | PPT |