DEPARTMENT OF MASTER OF COMPUTER APPLICATIONS

LESSON PLAN & WORK-DONE DIARY FOR AY:2025-26, EVEN SEMESTER

Course with Code: WEB APPLICATION AND DEVELOPMENT – MMC205				Faculty: Ms. Umme Hani Sharrif				Semester & Section: II Sem	
Class No.	Date planned (DD/MM)	Topics to be covered	TLP Planned	Class No.	Date of Conduction (DD/MM)	Topics Covered		TLP Executed	Remarks if any deviation
MODULE-1									
1	5/05/2025	Bridge Course	Chalk & Talk						
2	6/05/2025	Bridge Course	Chalk & Talk						
3	7/05/2025	Bridge Course	Chalk & Talk						
4	9/05/2025	Bridge Course	Chalk & Talk						
5	12/05/2025	Web Technologies & Protocols, Client-Server Architecture	PPT						
6	13/05/2025	Front-end vs Back-end Development	PPT						
7	14/05/2025	HTML5 Elements & Attributes, Semantic Tags	PPT						
8	16/05/2025	Forms and Input types	PPT						
9	19/05/2025	Multimedia Elements (Audio, Video)	PPT						
10	20/05/2025	Canvas & SVG Graphics	PPT						
11	21/05/2025	HTML5 APIs (Geolocation, Web Storage)	PPT						
12	26/05/2025	Web Workers) + Offline Apps (AppCache)	PPT						
		Quiz							

MODULE-2								
13	27/05/2025	Introduction to CSS3, Selectors, Properties, and Values	PPT					
14	28/05/2025	BOX Model	PPT					
15	30/05/2025	Layout and Positioning	PPT					
16	16/06/2025	Flexbox Layout	PPT					
17	17/06/2025	Grid Layout	PPT					
18	18/06/2025	Media Queries and Responsive Design Principles	PPT					
19	27/06/2025	Fluid Grids, Flexible Images, Mobile-First Approach	PPT					
20	30/06/2025	Bootstrap Introduction, Components, Utilities, Customizing with Sass	PPT					
		Quiz	PPT					

MODULE-3								
21	1/07/2025	Introduction to JavaScript, Variables, Data Types, Operators	PPT					
22	2/07/2025	Control Structures (if-else, loops)	PPT					
23	4/07/2025	Functions and Scope	PPT					
24	7/07/2025	DOM Structure and Manipulation	PPT					
25	8/07/2025	Event Handling and Event Listeners	PPT					
26	9/07/2025	Creating and Modifying DOM Elements, Form Validation	PPT					
27	11/07/2025	Asynchronous JavaScript (Callbacks, Promises, Async/Await).	PPT					
28	14/07/2025	AJAX, Fetch API, and Introduction to JS Libraries (jQuery)	PPT					
		Quiz						

			MODULE-4					
29	15/07/2025	Importance of Front-End Frameworks, Overview (React, Angular, Vue)	PPT					
30	16/07/2025	Introduction to AngularJS, Modules, Controllers, Scope	PPT					
31	18/07/2025	Directives, Expressions, and Filters	PPT					
32	21/07/2025	Hands-on Practice: Building a Simple AngularJS App	PPT					
33	22/07/2025	Services and Dependency Injection	PPT					
34	23/07/2025	Routing and Single-Page Applications (SPAs)	PPT					
35	25/07/2025	Data Binding and Form Handling	PPT					
36	28/07/2025	Custom Directives and Components	PPT					
		Quiz						

		MODULE-5						
37	29/07/2025	Intro to Server-side Programming, Server-side Languages	PPT					
38	30/07/2025	RESTful APIs and Web Services	PPT					
39	1/08/2025	Database Integration (SQL & NoSQL)	PPT					
40	7/08/2025	Front-end + Back-end Integration	PPT					
41	8/08/2025	Building full stack applications	PPT					
42	11/08/2025	Case Studies on Full-Stack Apps	PPT					
43	12/08/2025	Deployment (Cloud, Hosting Services), security and optimisation.	PPT					
44	13/08/2025	Revision						
		Revision						
		QP Discussion						

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	Activity	Planned	Actual	Remarks
1	Theory Classes	44		
2	Assignments/Quizzes/Activity/ Self-study	02/02/1		
3	Tutorials/ Extra classes	01		
4	Internal Assessments	2		
5	ICT based Teaching (% of usage in Curriculum)	100%		
Planning			**Execution**	
Faculty Signature:			**Faculty Signature:**	
HoD Signature:			**HoD Signature:**	

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