

KHULNA POLYTECHNIC INSTITUTE, KHULNA
SEMESTER PLAN

Semester : 5th (Computer)

Subject Name: Web Design & Development Project - 2

Subject Code: 28552

T	P	C
1	6	3

Week	Class	Theory Content, Specific Object	Remarks
1	1	Client Site Scripting Language Framework 1.1 State Document object Mode (DOM). 1.2 Describe the manipulation of DOM. 1.3 State client-side framework.	
2	2	1.4 Describe different client-side framework. 1.5 Explain javaScript runtime environments.	
3	3	Dynamic Website and Framework 2.1 State Dynamic Website 2.2 Mention the characteristics of dynamic website. 2.3 Differentiate between static website and dynamic website.	
4	4	2.4 Define framework. 2.5 describe different types of framework. 2.6 Explain DML and DDL for database.	
5	5	Content Management System (CSM) 3.1 state content Management System (CMS) 3.2 List the features of CMS. 3.3 Mention the advantages and disadvantages of CSM.	
6	6	3.4 Define cPanel. 3.5 State cPanel components. 3.6 Define dashboard. 3.7 Describe dashboard components.	Mid Term Exam
7	7	E-Commerce 4.1 Define E-Commerce . 4.2 State the features of E-Commerce . 4.3 Describe the structure of E-Commerce .	

8	8	4.4 State E-Commerce payment systems. 4.5 State security standard for E-Commerce	
9	9	Domain and Hosting 5.1 Define domain, sub-domain and add-on domain. 5.2 Describe domain registration process.	
10	10	5.3 Describe the functions of BTCL & BTRC. 5.4 Define web hosting.	
11	11	5.5 Describe the web hosting process.	
12	12	5.6 State the hosting server. 5.7 State HTTP, SSL, HTTPs, TLS and AV filtering.	
13	13	Web Security and Search Engine Optimization (SEO) 6.1 State web security. 6.2 Describe security threats for web with reason. 6.3 Explain website security model.	
14	14	6.4 State hacker with classification. 6.5 State Search Engine Optimization(SEO). 6.6 Explain different types of SEO techniques.	
15	15	Review Class.	
16	16	Review Class.	

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Signature of Class Teacher

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Signature of Dept. Head