

Daffodil Polytechnic Institute, Institute Code: 50238
Lesson Plan – Academic session: September ‘22 – February 2023

Subject Teacher : Johir Ahemmod Chowduri (Instructor)
 Subject Name : Web Mastering
 Subject Code : 66667
 Technology : Computer
 Semester : 6th
 Reference Book : Web Mastering (Publisher: Hoque)
 Google Classroom Code : dj7z43j

Marks	Grade Point	Letter Grade	Marks	Grade Point	Letter Grade
80>	4.00	A+	55-59	2.75	B-
75-79	3.75	A	50-54	2.50	C+
70-74	3.50	A-	45-49	2.25	C
65-69	3.25	B+	40-44	2.00	D
60-64	3.00	B	0-39	0.00	F

Mark Distribution (for 200 Marks)			
Theory Marks		Practical Marks	
Midterm	20	PC	25
Class test	10	PF	25
Quiz test	10	-	-
Final	60	-	-
Total	100	Total	50

AIM

To be able to acquire the knowledge and skills on domain & domain registration. To be able to acquire the knowledge and skills on web hosting.

To be able to published web site.

To be able to admin Cpanel & dashboard.

To be able to upload web contents.

To be able to acquire the knowledge and skills on the integrity & security of a website. To be able to acquire the knowledge on cloud hosting & SEO.

SHORT DESCRIPTION

Webmastering, domain & domain registration, web hosting, feature of hosting server, web publishing, administration cpanel, dashboard, cloud hosting, web maintenace & backup, SEO.

Lecture	Chapter/Exam/ Industrial Visit	Learning Area	Learning Outcome	Class/Lab Supporting Equipment's
1	Understand the basic concept of webmastering. (Theory)	1.1 Define web mastering. 1.2 State the web mastering functions. 1.3 State the job responsibilities of Web master. 1.4 State the skills become a good Webmaster 1.5 Monitor the webmaster tools.	Student will able to know about web mastering, mastering functions, webmaster tools.	1. Projector. 2. Computer. Slide Link: https://sites.google.com/bsdi-bd.org/johir-chowdhury/course/web-mastering

Lecture	Chapter/Exam/ Industrial Visit	Learning Area	Learning Outcome	Class/Lab Supporting Equipment's
2	Web site hosting activities. (Practical)	1.1 Purchase a domain. 1.2 Register a domain. 1.3 Renew a registered domain. 1.4 Install & configure a web server on local computer. 1.5 Publish a web site on local computer for LAN. 1.6 Manage a online hosting server. 1.7 Publish a web site on online hosting server	Student will practically learn how to Pur- chase a domain, how to register a domain, renew a registered domain.	1. Projector. 2. Computer.
3	Understand the con- cepts of domain & do- main registration. (Theory)	2.1 Define domain & sub-domains. 2.2 Describe domain registration pro- cess. 2.3 State the functions of domain regis- tration authority. 2.4 Describe the func- tions of BTCL & BTRC.	Student able to know about Basics of domain & sub- domains, domain registra- tion process, func- tions of BTCL & BTRC.	1. Projector. 2. Computer. Slide Link: https://sites.google.com/bsdi-bd.org/johir-chowdhury/course/web-mastering
4	Works on database & contents management. (Practical)	2.1 Create & manage a database. 2.2 Publish a new article in existing Web site. 2.3 Modify and update a published Content. 2.4 Restrict access a article for Specific users.	1. To know about create and manage a database, new article in existing web site. Modify and update a published content, access a article for specific users.	1. Projector. 2. Computer.

Lecture	Chapter/Exam/ Industrial Visit	Learning Area	Learning Outcome	Class/Lab Supporting Equipment's
5	Know the web hosting & hosting server. (Theory) And Class Test 1	3.1 Define web hosting. 3.2 Describe the web hosting process. 3.3 State the hosting server. 3.4 State the web hosting company's activities. 3.5 List the Bangladeshi web hosting company.	1. To know about web hosting company's activities, list of the Bangladeshi web hosting company.	1. Projector. 2. Computer. Slide Link: https://sites.google.com/bsdi-bd.org/johir-chowdhury/course/web-mastering
6	Manage Cpanel (Practical)	3.1 Create and manage email accounts 3.2 Manage security settings. 3.3 Set up domains, subdomains, add-on domains, parked domains and redirects. 3.4 Manage files, folders and monitor your disk space usage. 3.5 Access databases and track your website's performance.	To know about create and manage email account, security settings, setup domain, subdomains etc.	1. Projector. 2. Computer.
7	Understand web publishing (Theory)	4.1 Define the Web publishing. 4.2 State the functions of web publishing media. 4.3 State web publisher's activities. 4.4 Describe the different way of web publishing. 4.5 Describe the functions of FTP server.	To know about web publishing, functions of web publishing media and web publisher's activities.	1. Projector. 2. Computer. Slide Link: https://sites.google.com/bsdi-bd.org/johir-chowdhury/course/web-mastering

Lecture	Chapter/Exam/ Industrial Visit	Learning Area	Learning Outcome	Class/Lab Supporting Equipment's
8	Perform Dash- board management ac- tivities. (Practical)	4.1Manage existing dashboard compo- nents. 4.2 Add new a dashboad component. 4.3Manage dashboard access control.	To know about Manage ex- isting dashboard compo- nents, how to Add new a dashboad com- ponent.	1. Projector. 2. Computer.
9	Understand the con- cept of cPanel. (Theory)	5.1 Define the Cpanel. 5.2 Describe Cpanel activities. 5.3 State the Cpanel components. 5.4 Explain the func- tions of Cpanel components.	To Know about Cpanel, Cpanel activities, Cpanel activities.	1. Projector. 2. Computer. <u>Slide Link:</u> https://sites.google.com/bsdi-bd.org/johir-chowdhury/course/web-mas-tering
10	Manage user accounts. (Practical)	5.1 Authorize a registered user. 5.2 Manage user access control. 5.3 Add/remove user.	To know about Authorize a registered user, Man- age user access control, Add/remove user.	1. Projector. 2. Computer.
11	Know the dashboard (Theory) And Quiz Test 01	6.1 Define Dashboard. 6.2 Describe Dashboard functions. 6.3 State the Dashboard components. 6.4Describe the functions of each dash- board components.	To know about dashboard.	1. Projector. 2. Computer. <u>Slide Link:</u> https://sites.google.com/bsdi-bd.org/johir-chowdhury/course/web-mas-tering

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12	Perform maintenance of a web site. (Practical)	6.1 Perform a routine maintenance of published website. 6.2 Perform whole website backup. 6.3 Perform automated website backup. 6.4 Practice on database backup. 6.5 Practice on problem identification & solving procedures.	To know about routine maintenance of published website, whole website backup, automated website backup.	1. Projector. 2. Computer.
13	Understand the web content uploading & updating. (Theory)	7.1 Classify web content. 7.2 Describe the different types of web Contents. 7.3 Describe contentions uploading Steps.	To know about classify web content and different types of web Contents.	1. Projector. 2. Computer. Slide Link: https://sites.google.com/bsd-bd.org/johir-chowdhury/course/web-mastering
14	Manage Web security activities. (Practical)	7.1 Perform on Cyber security. 7.2 Configure Firewall & port forwarding 7.3 Prevent Ddos attacks.	To know cyber security, firewall, port forwarding, Ddos attack.	1. Projector. 2. Computer.
15	Understand the user Management. (Theory)	8.1 Define web user. 8.2 State different type of web user. 8.3 Describe the different user rights.	To know web user, different type of web user, and different user rights.	1. Projector. 2. Computer. Slide Link: https://sites.google.com/bsd-bd.org/johir-chowdhury/course/web-mastering

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16	Perform SEO optimization for the site. (Practical)	8.1 Plan for SEO. 8.2 Perform the activities for SEO of site.	To know about SEO, activities for SEO of site.	1. Projector. 2. Computer.
17	Understand the cloud Hosting. (Theory) And Class Test 02	9.1 Define cloud hosting. 9.2 Describe the benefits of cloud hosting. 9.3 Monitor popular cloud hosting platforms.	To know cloud hosting, benefits of cloud hosting.	1. Projector. 2. Computer. Slide Link: https://sites.google.com/bsdi-bd.org/johir-chowdhury/course/web-mastering
18	Review	Chapter:1-3 (Regarding students problem)	Solve previous lecture problem.	1. Projector. 2. Computer.
19	Understand the website routine maintenance.	10.1 State the functions of site promotion, sending out email, voicemail, newsletters, etc 10.2 State routine maintenance of a Website. 10.3 State the web backup process.	To know functions of site promotion, sending out email, voicemail, newsletters, etc	1. Projector. 2. Computer. Slide Link: https://sites.google.com/bsdi-bd.org/johir-chowdhury/course/web-mastering
20	Review	Chapter:2-6 (Regarding students problem)	Solve previous lecture problem.	1. Projector. 2. Computer.

Lecture	Chapter/Exam/ Industrial Visit	Learning Area	Learning Outcome	Class/Lab Supporting Equipment's
21	Understand the web security. (Theory) And Quiz Test 02	11.1 Define site traffic. 11.2 State port forwarding. 11.3 State the different cyber-attacks. 11.4 Explain the functions of firewall.	To know about site traffic, port forwarding, different cyber-attacks.	1. Projector. 2. Computer. Slide Link: https://sites.google.com/bsdi-bd.org/johir-chowdhury/course/web-mastering
22	Review	Chapter:7-8 (Regarding students problem)	Solve previous lecture problem.	1. Projector. 2. Computer.
23	Understand the Marketing & SEO (SEARCH ENGINE OPTIMIZATION). And Class Test 03	12.1 Study on marketing of websites on various platforms including other sites and search engines. 12.2 Define SEO on a website. 12.3 State a SEO friendly website 12.4 Describe the process of SEO on a website	To know about marketing of websites on various platforms including other sites and search engines.	1. Projector. 2. Computer. Slide Link: https://sites.google.com/bsdi-bd.org/johir-chowdhury/course/web-mastering
24	Review	Chapter:9-10 (Regarding students problem)	Solve previous lecture problem.	1. Projector. 2. Computer.
25	Review	Chapter:11-12 (Regarding students problem)	Solve previous lecture problem.	1. Projector. 2. Computer.
Final Exam				