SANATAN DHARMA COLLEGE, AMBALA CANTT
College with Potential for Excellence, UGC,New Delhi
NAAC Accredited Grade "A+" with CGPA 3.51 in 3rd cycle
ISO 9001:2015 & ISO 14001:2015 Certified

DCSA-SDC
Modelling Excellence

Estd 1916

Department of Computer Science
Lesson Plan (Session 2022-2023)

Class: BVOC(SD)   Sem: II   Course Code: BVSD-22   Nomenclature: Web Designing

Duration: 13 Weeks   Dates: 1st Feb- 30th April 2023

SYLLABUS

BVSD -22 Web Designing

Maximum Marks: 100	**External: 80**	**Minimum Pass Marks: 40**
	Internal: 20	**Time: 3 hours**

Note: Examiner will be required to set Nine Questions in all. First Question will be compulsory, consisting of objective type/short-answer type questions covering the entire syllabus. In addition to that, eight more questions will be set, two questions from each Unit. Student will be required to attempt FIVE questions in all. Question Number 1 will be compulsory. In addition to compulsory question, student will have to attempt four more questions selecting one question from each Unit.

UNIT-I
Introduction to Internet and World Wide Web , Web Browsers, Web server, Web page, Web site.
Web Publishing: Hosting your site, Internet Service Provider, Planning & Designing Web Site, Steps for Developing Sites, Choosing the Contents, Home Page, Domain Names, Creating a Web Site.
HTML: Introduction, Tags, HTML Standards, Creating Web Pages, Adding Background Colors, Page Formatting, Break Tag, Paragraph Tag, HR Tag, Preformatted Text, Working with Headings, Images, Linking Web Pages, Tables and Lists, Forms, Buttons.

Unit II
Introduction to CSS, Properties and Values, Defining CSS Styles, Using Links and Style, Importing and Embedding Style Sheets, In lining Styles, Using Attributes, Class Attributes, ID Attributes, Using Elements, Cascading Style Sheets, Selectors, Class Selectors, ID Selectors, Contextual Selectors.

Unit III
Introduction to JavaScript, Guidelines, Functions, Operators, Precedence, Looping, Boolean Object, Data Object, Math Objects, JavaScript Window, Opening and Closing Windows, Frame Object, Image Object, Loading Image, Creating Animation, JavaScript Style Sheet, Working with Layers, Layer Animation.

Unit IV
Concept and use of Front Page: Building Basics Web Pages, Use of Number List, Bulleted List, Definition List, Menu List, Use of Tables, Images, Sound, Video, Links & Bookmarks, Styles Sheets, Frame Sets, Using Advanced Features.
Photoshop - Basics, Using Colours, Painting with Pixels, Using Transformation, Layers, Masks and Paths, Enhancing Features.
Flash – Basics, Working with Graphics, Colours, Transforming and Adjusting Graphics, Working with Text & Symbols, Animation, Tweening, Working with Flash Moving and use of Dreamweaver.

TEXT BOOKS:
- Bayross Ivan, Web Enabled Commercial Applications Development using HTML, Javascript, DHTML & PHP, BPB Publication, 2005
- Powell Thomas, The Complete Reference HTML & CSS, Tat Mc-Graw Hill, 2010

REFERENCE BOOKS:
- Clelland Deke Mc, Photoshop 6 for Windows Bible, IDG Books India Pvt. Ltd., 2001
- Reinhardt Robert, Dowd Snow, Macromedia Flash MX Bible, Wiley Publishing, 2002

Course Outcomes

After the completion of this course, prospective Computer professionals will have the ability to

Course Title	Web Designing
CO No.	Course Outcomes
CO-1	Understand the principles of creating an effective web page,including an in-depthconsideration of information architecture.
CO-2	Learn the language of the web: HTML and CSS.
CO-3	Learn techniques of responsive web design, including mediaqueries.
CO-4	Develop basic programming skills using Javascript andjQuery.
CO-5	Be able to embed social media content into web pages.
CO-6	Develop skills in analyzing the usability of a web site.

S.No	Instructional Technique	Assessment Methods (AM)
1	Chalk & Talk	**Assignments**
2	ICT tools	**Quiz**
3	Group discussions	**Group Discussions**
4	Industrial visit	**Oral Tests**
5	Case studies	**Sessional**
6	Small Projects	**Presentations**
7	Workshop	**Seminar**
8	Spoken Tutorials	**University Exams**
9	Flipped Class	
10.	**E-Resources**	

Detailed Lesson Plan

Week	Date	Topic to be Covered	Instructional Technique	Assessment Method
1	01.02.2023	Explain Course Outcomes	1-(PPT/Projector)	1
2	06.02.2023	Introduction to Internet and World Wide Web , Web Browsers, Web server, Web page, Web site	2-(PPT/Projector)	1,2,4
	07.02.2023	Hosting your site, Internet Service Provider, Planning & Designing Web Site, Steps for Developing Sites, Home Page, Domain Names	2-(PPT/Projector)	1,2,4
	08.02.2023	HTML: Introduction, Tags	2-(PPT/Projector)	1,2,3
3	13.02.2023	Images, Linking Web Pages in HTML	2-(PPT/Projector)	1,2,3
	14.02.2023	Tables in HTML	2-(PPT/Projector	1,2,4
	15.02.2023	Lists in HTML	1-(PPT/Projector)	1,2,3
4	20.02.2023	Forms in HTML	2-(PPT/Projector)	1,2,3
	21.02.2023	Introduction to CSS, Properties and Values, Defining CSS Styles, Using Links and Style	2-(PPT/Projector)	1,2,3
	22.02.2023	Importing and Embedding Style Sheets, In lining Styles,	2-(PPT/Projector)	1,2,4
5	27.02.2023	Cascading Style Sheets : Selectors, Class Selectors, ID Selectors, Contextual Selectors	2-(PPT/Projector)	1,2,3
	28.02.2023	Introduction to JavaScript	2-(PPT/Projector)	1,2,3,4
	01.03.2023	Operators in Java Script & Precedence of Operators	2-(PPT/Projector)	1,2,3,4
6	06.03.2023	Holi Holiday	---------------	-------------------
	07.03.2023			
	08.03.2023			
7	13.03.2023	**Control Statements in Java**	2,8,10	1,2,3
	14.03.2023	**Assignment1**	2	-------
	15.03.2023	Looping Statements	1,2-(PPT/Projector)	1,2,3,4
8	20.03.2023	Looping Statements	1, 2-(PPT/Projector)	1,2,3,4
	21.03.2023	Boolean , Data, Maths , Frame Object, Image Objects, JavaScript Window : Opening and Closing Windows	2-(PPT/Projector)	1,2,3,4
	22.03.2023	JavaScript Style Sheet, Working with Layers, Layer Animation	2-(PPT/Projector)	1,2,3,4

Week	Date	Topic to be Covered	Instructional Technique	Assessment Method
9	27.03.2023	Sessional	-------------)	5
	28.03.2023	Concept and use of Front Page	2-(PPT/Projector)	
	29.03.2023	Tables and Images in FrontPage	2-(PPT/Projector)	1,2,3,4
10	03.04.2023	Sound, Video, Links & Bookmarks	2-(PPT/Projector)	1,2,3,4
	04.04.2023	**Mahavir Jayanti Holiday**	------------------	------------
	05.04.2023	Style Sheets, Frame Sets, Advanced Features of FrontPage	2-(PPT/Projector)	1,2,3,4
11	10.04.2023	Photoshop - Basics, Using Colours, Painting with Pixels	--	5
	11.04.2023	Photoshop: Using Transformation, Layers, Masks and Paths, Enhancing Features.	2-(PPT/Projector)	1,2,3,4
	12.04.2023	Photoshop Effects	2-(PPT/Projector)	1,2,3,4
12	17.04.2023	**Assignment 2**	6	-----
	18.04.2023	Flash – Basics, Working with Graphics, Colours, Transforming and Adjusting Graphics	2-(PPT/Projector)	1,2,3,4
	19.04.2023	Flash: Working with Text & Symbols, Animation,	2-(PPT/Projector)	1,2,3,4
13	24.04.2023	Tweening in Flash	2-(PPT/Projector)	1,2,3,4
	25.04.2023	Working with Flash Moving	2-(PPT/Projector)	1,2,3,4
	26.04.2023	Dreamweaver	2-(PPT/Projector)	1,2,3,4

	Teacher Incharge	Head of the Department
Name	Dr. Poonam Rani	Dr. Girdhar Gopal
Sign with Date		