Sh. L.N. Hindu College, Rohtak

Affiliated to M.D.University, Rohtak
A Post Graduate Co-Educational College, Bhiwani Road, Rohtak
Accredited by NAAC with 'B' (2.74) Grade

Certificate Course in Web Designing

Beneficiaries: UG   Students
Course duration: 40 Hours

Objective of the course

- This course aims to provide the techniques and strategies to understand the practical knowledge about web designing.
- How a successful businessman uses his website to enhance his business and make his contacts worldwide.
- To learn the key secrets of any successful business.
- This course also helps to overcome the traditional approach of doing business.

Benefit of the Course

This course is beneficial for students who wants career in Web Designing and it is imperative for students who seek a new and dynamic profession, as it is an integral part of the IT industry and the demand for proficient and talented website designers is increasing more and more.

Learning Outcomes of the course

- This course gives an exposure to students having a good sense and knowledge of designing and creativity.
- This course will be helpful in delivering services or content through the World Wide Web (WWW).
- This course will also be helpful in learning simple and impressive design techniques, from basics till advanced to focus on goal oriented and user centric designs.
- This course will enable the participant to use a variety of strategies and tools to create websites.
- The web developer can utilize and apply the technical, ethical and interpersonal skills needed to function in a cooperative environment.

Syllabus

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Time: 3Hrs.
Total Marks: 100
Theory Marks: 30
Practical Marks: 70

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Note: The Examiner will be required to set Nine Questions in all. Question No. 01 is compulsory, covering the entire syllabus. In Addition, Examiner will set two questions from each module. The candidate will be required to attempt five questions in all, selecting at least one question from each units/module.

UNIT I

Adobe Photoshop: Introduction to stock photography, Types of image graphics, introduction to adobe photo shop, color modes, resolution and presets, move tool, marquee tool, lasso tool, quick selection, magic wand, crop, slicing tool, healing brush, patch tool, brush tool, history brush, eraser tool, pattern stamp, clone stamp, gradient tool, blur and exposure tool, pen tool, shape tool, text tool, other photo shop tools, layers, group and smart object, blending option, filter effects, client requirement analysis, real time website layout designs.

UNIT II

HTML: Basics of markup language, structure of HTML, Head section and elements of head section, Mega tags, CSS tags, Script tag, Table tags, Div tag, Header tag, Paragraph, Span and Pre tags, Anchor links and named anchors, Form tag, Check box and Radio button creating a live website form, HTML validators.

UNIT III

CSS: Introduction to cascading style sheets, types of CSS, CSS selector, CSS properties, Real time implementations.

UNIT IV

Java script: Introduction to client side scripting, introduction to java script, Java script types, variables in JS, operators in JS, conditions statement, Java script loops, JS popup boxes, JS events, JS arrays, JS objects, JS functions

Live web site with word press and Web hosting: web hosting basics, Types of hosting packages, registering domains, defining name servers, using control panel, creating Emails in Cpanel, Using FTP client, maintaining a website.

Suggested Readings:

- Navneet Mehra, Website Development using HTML and CSS,2012.
- DT Editorial Services, HTML 5 Black Book, Second edition, dreamtech Press, 2016.
- Laura, Lema. Mastering HTML, CSS and Java script Web Publishing, BPB Publications, 2016.
- Mike Wooldridge and Brianna Stuart, Teach Yourself Visually Adobe Photoshop CS6.2012.
- Satish Jain, Web Designing and Development- Training Guide, 2015.
- Hitesh Bhardwaj, Web Designing, Ist Edition, 2016.
- Rakhitha Nimesh Ratnayake, Word Press Development Quick Start Guide,2018.
- Andrew Faulkner, Adobe Photoshop CC Classroom in a Book, First Edition, By Pearson, 2018.
- Robin Nichols, Mastering Adobe Photoshop Elements: Excel in Digital Photography and image editing for print and web using Photoshop elements, 2019.
- Richard Steve, Adobe Illustrator for Beginners 2020-2021: An In-depth Guide, 2020.

Note: Latest and additional good books may be suggested and added from time to time.