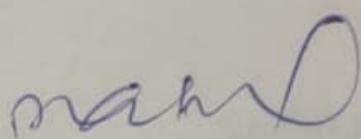


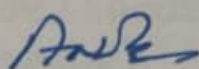
Department of Computer Science

Add-on Certificate Course in Internet and Web Designing

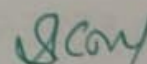
1	Name of Course	Internet and Web Designing
2	Department	Computer Science
3	Duration	32-36 Hours
4	Number of Seats	40
5	Eligibility	10+2
6	Session	2021-22
7	Language	English
8	Aims/Objectives	<ul style="list-style-type: none">• Student will understand Internet, its Applications & their use.• To develop the skills & knowledge of Web page design.
9	Fee	Rs. 900/=



Dr. Matish Garg
Coordinator



Dr. Anil Narula
HOD



Dr. S. K. Goyal
Principal

Department of Computer Science

SYLLABUS

Add-on Certificate Course in Internet and Web Designing

Objectives:

- Student will understand Internet, its Applications & their use.
- To develop the skills & knowledge of Web page design.

Module 1: Internet and its Features (6 Hours)

- Introduction to Internet and World Wide Web & its Applications
- Web browsers, Servers, Creating and sending email.
- URLs, Hypertext Transfer Protocol
- Search Engines

Learning Outcomes:

1. To use Internet and its Applications.
2. To practice web browsing and searching contents using various search engines.
3. To create email-id and Communicate through Email.

Module 2: Website Development Basics (6 Hours)

- Introduction to Website, Web page, Home page, Domain Names, Internet Service Provider
- Basics Steps for developing Website, Choosing the contents, Planning and Designing web site, Creating a Website, Web publishing, Website Hosting

Learning Outcomes:

1. To understand the basic terms & principles of web page design.
2. To understand and develop the concept web publishing.

Module 3: Website Designing Tool (12 Hours)

Hyper Text Markup Language (HTML):

- Introduction to HTML and its features, HTML Tags, Formatting Text, Text Styles, Page Layouts, Creating Links, Inserting Graphics(images, Audio, videos and animations), Tables, Ordered/Unordered Lists, Frame Creation & Layouts, Forms, Menus, Working with Buttons like radio, checkbox etc.

Learning Outcomes:

1. To understand the basic concept of HTML.
2. To recognize & use different tags and objects to create and design a web page.

Module 4: Other Interactive Tools (8 Hours)

- **Cascading Style Sheets (CSS):** Creating Style Sheets, CSS properties, CSS Selectors, Text formatting & creating Page layout with CSS, working with List and Tables, Adding links, Use of CSS in HTML Documents Linking, Embedding of CSS in HTML document.
- Basic Introduction to JavaScript, PHP, Word Press & Boot Strap.

Learning Outcomes:

1. To introduce basic concepts of CSS.
2. To use CSS in Web page design.
3. To understand the basics of other interactive tools like JavaScript, PHP, Word press & Boot Strap.

Project Assignment:

- **To create your email-id and communicate through it.**
- **To Design a Web site.**

Books:

1. Raj Kamal,” Internet and Web Technologies”, TMH.
2. Deitel and Goldberg, “Internet and World Wide Web, How to Program”, PHI.
3. Powell Thomas,” The Complete Reference HTML & CSS”, TMH,2010
4. Jon Duckett, “Beginning web programming with HTML, XHTML, CSS and Java Script”, Wiley India Pvt. Ltd.
5. Ramesh Bangia, “ Multimedia and Web Technology”, Firewall Media.