

3. Diploma in Web Development (D.W.D)

With increased dependence on the internet in day-to-day life, the importance of website development has also seen an increase. Web development has two components: web design and web programming. Web development helps construct and manage databases on the internet. It helps students develop their programming abilities and increases opportunities in a competitive job market. Students will learn web based programming techniques using current web development software. Students will access data from databases and develop appropriate user interfaces to display the data. Knowledge of web design can assist graphic artists and freelance writers on a wide range of assignments and equips them to contribute creatively to an organisation's website. Aspiring designers may consider this course as a start towards web design and development. There is a growing demand among companies seeking web designers to create and augment websites.

Course Objectives

- To enable participants to design static and dynamic websites as per user/clients requirements
- To create graphics with Flash, animation and motion graphics, adding basic interactivity including: dynamically changing graphics, creating triggered sound effects, navigation through different "scenes"
- To provide a basic introduction to programming with Flash's Action Script
- To enable participants to work with web pages including an introduction to cascading style sheets (CSS)
- To enable participants to work with reusable site assets such as library items, snippets and templates, add relative and absolute hyperlinks, email links, anchors and images
- To teach participants to design static web pages, page navigation, webpage with images and tables using HTML.
- To teach participants functions and problem solving using C, control statement application in programming, file data handling, etc.
- JSP architecture, server scripting technology, form action scripting, form data validation, JSP & JDBC application program using forms.
- Data forms, validation, action scripting, form tools and controls, layers and functions in Javascripts.
- Fundamentals of Java, OOPs in Java, Applets, Threading, File Programming, JDBC

Course Content

- Web Design
- Photoshop
- Flash
- Dream Weaver

- Web Programming
 - HTML
 - DHTML
 - PHP
 - “C” Programming Fundamentals
 - Java
 - Java Script
 - JSP

Eligibility

The candidate should have completed his/her plus two in any stream and must possess prior knowledge in computers.

Course Duration

150 hours

Contact

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