

PGDWD (Post Graduate Diploma in Web Designing)

Program Outcomes

- To provide thorough understanding of nature, scope and applications of computer technology and web technologies in the field of Information technology.
- To inculcate programming skills in latest computer programming languages.
- To equip the students with skills required for designing and developing web applications in Information technology.
- To impart skills of designing and developing E-commerce websites.
- To provide a detailed coverage of the key concepts and challenges in data and resource protection and computer software security.

Program Specific Outcomes

After the completion of the course, a student is able

- To become familiar with the open source technologies and opt the opportunities in software and hardware industry.
- To provide technical solutions to real life problems by application of modern programming techniques.
- To design customized software as per the desired needs of the organizations, society and industry.
- To apply the inherent skills with absolute focus to function as a successful entrepreneur.

Course Objectives and Outcomes

PGDWD Semester-I

Subject: Fundamentals of Computer and Operating System

Subject Code: Paper-I

Periods per week: 5

Practicals per week: 5

Duration of period: 40 minutes

Course Objectives

- To impart knowledge about the structure, components and functions of a computer system.
- To understand working of basic input and output devices.
- To give detailed knowledge of Interface of Windows Operating System.
- To give an in-depth understanding of MS-DOS and UNIX commands.

Course Outcomes

- Familiarization with the basic terminology related to Computers such as Operating System, peripheral devices, desktop, folder, shortcut, multitasking, batch and real systems etc.
- Ability to use Windows Operating System
- Skill to work on MS-DOS.
- Sound knowledge of Unix Operating System.

Subject: Web Designing Tools

Subject Code: Paper-II

Periods per week: 5

Practicals per week: 5

Duration of period: 40 minutes

Course Objectives

- To introduce students to the features of Front page and its toolbars.
- To create and design the web pages and websites.
- To gain knowledge of creating themes.
- To enable the students to design templates for web pages.
- To learn publishing web pages and making them searchable.

Course Outcomes

- Acquire skills of designing the web pages using Front page.

- Employ the inherent creative skills using web designing tools.
- Developing web forms for collecting information.
- Skill to publish the websites.

Subject: Introduction to Scripting Languages, Web Designing

Subject Code: Paper-III

Periods per week: 5

Practicals per week: 5

Duration of period: 40 minutes

Course Objectives

- To demonstrate basic techniques of web designing.
- To learn languages of the web: HTML/DHTML and CSS.
- To understand the principles of creating an effective web page.
- To learn various techniques of interactive web designing: Form, Frames etc.

Course Outcomes

- Ability to create an effective website using HTML and CSS.
- Analyze a web page and identify its elements and attributes.
- Knowledge regarding publishing a website online.
- Create interactive and dynamic web pages using DHTML.

Subject: Programming in VB.NET

Subject Code: Paper-IV

Periods per week: 5

Practicals per week: 5

Duration of period: 40 minutes

Course Objectives

- To introduce students to the concepts and architecture of .NET framework.
- To understand the steps in writing, compiling and executing VB.NET programs.
- To gain knowledge of Event driven programming in Window Applications.
- To enable the students to handle errors and exceptions in a program.
- To enable the students to develop understanding of connectivity to database and file handling.

Course Outcomes

- In-depth understanding of various programming constructs of VB.NET language.
- Ability to develop windows and console applications.
- Ability to work with databases
- Skill to debug applications.
- Skill to setup and deploy applications