# PROBLEM SOLVING IN C

## objectives of Course:

This course aims to provide exposure to problem-solving through programming. It introduces the concepts of the C Programming language.

# Web Technologies

## Course Objective

To provide knowledge on web architecture, web services, client side and server side scripting
technologies to focus on the development of web-based information systems and web
services.
To provide skills to design interactive and dynamic web sites.

# PHP & My SQL, WordPress

## Course Objectives

To introduce the concept of PHP and to give basic Knowledge of PHP. Learn about PHP
Syntax., Arrays, PHP Loops, PHP and MySQL connectivity, PHP form validation, PHP
form handling. Overview of MySQL and PHPMyAdmin, Understand basic concepts of
how a database stores information via tables, Understanding of SQL syntax used with
MySQL, Learn how to retrieve and manipulate data from one or more tables, Know how
to filter data based upon multiple conditions, Updating and inserting data into existing
tables, Learning how the relationships between tables will affect the SQL, The
advantages of store procedures with storing data using variables and functions, How SQL
can be used with programming languages like PHP to create dynamic websites for
visitors, Review of some sample PHP projects interacting with MySQL

## Advanced Java Script (JQUERY /AJAX / JSON / Angular JS)

## Course Objective:

To impart knowledge in designing a webpage in a structured way by using advanced
java script ie., using different scripting languages

# Software Engineering

## Course Objectives

The Objective of the course is to assist the student in understanding the basic theory of
software engineering, and to apply these basic theoretical principles to a group software
development project.

# Data Base Management System

## Course Objective:

Design & develop database for large volumes & varieties of data
with optimized data
processing techniques

# DATA STRUCTURES

## Course Objectives

To introduce the fundamental concept of data structures and to emphasize the importance of
data structures in developing and implementing efficient algorithms.

# OBJECT ORIENTED PROGRAMMING USING JAVA

## objectives of this course are:

- To learn why Java is useful for the design of desktop and web applications.
- To learn how to implement **object-oriented** designs with Java.
- To identify Java language components and how they work together in applications.
- To design and program stand-alone Java applications.

# COMPUTER FUNDAMENTALS AND PHOTOSHOP

## Objectives

■ Identify the major regions of the Photoshop workspace and explain the function of each: Menu bar and context menus, Options bar, Toolbox, palettes, and document window(s).

■ Use the Workspace menu to change and use built-in workspaces.

■ Explore Photoshop Help, and use it to find out more about the tools in the Toolbox.

■ Manipulate and customize palettes.

■ Open and navigate a Photoshop document with menu commands, the Zoom and Hand tools, and the Navigator palette.

■ Create a layered Photoshop document from a starting image (provided).

■ Use Undo commands and the History palette to reverse document changes.

■ Print a Photoshop document by configuring the Photoshop Print dialog box.

■ Save a copy of the print-quality document for fast online transmission.