Teaching Plan

Course: B.Sc.(P)Computer Science 3rd Year VI Semester
Paper Name: PHP Programming (Skill Enhancement course)

Week 1 – 2	Unit 1 - Introduction: Introduction to three tier web application development, front end, business layer and back end connectivity, role of PHP in web application development, software requirements
Week 3 – 4	Unit 2 - Starting PHP Programming: Basics of PHP programming, variables, scope of a variable, expressions, operators, operator precedence, simple procedural scripts, decision making based on conditions, case structure, loops
Week 5 – 6	Unit 3 - Modular Programming: Functions and objects, passing parameters
Week 7 – 10	Unit 4 - Strings and Arrays: Creating and accessing strings, built-in functions for string and string formatting, creating index based and associative array, accessing array elements
Week 11 – 12	Unit 5 - Forms and form processing: Capturing form data, GET and POST form methods, processing of form data, and use of regular expressions
Week 13 – 15	Unit 6 - Integrating PHP & DBMS: Connecting PHP and DBMS, creating database, defining 57 database structure and accessing data stored in tables using PHP