Microsoft Access	• Introduction to Database Management System. • Examine database concepts, along with key constraints. • Designing and building database with related tables in datasheet view or by using the table wizard • Develop simple, multiple-criteria, calculated fields, parameter, totaling and action-based queries • Designing Forms Build complex forms in design view using different form elements. Build forms of the type: Main/Sub form and query-based • Learning the advanced form design features such as use of the toolbox, command buttons, option groups, combo-boxes, lines or rectangles, or designing a form from scratch in Design view. • Generating Reports and creating report based application. • Import and export data. • Sorting, Retrieving and Analyzing Data
Microsoft Publisher	• Get familiar with the Microsoft Publisher environment and start working on a publication • Modify the layout and structure of a publication • Format text in a publication • Understanding layout guides • Edit the contents in a publication • Creation of Master Pages • Acquiring knowledge on format graphics in a publication • Prepare a publication for distribution

ADVANCED COMPUTER	
JAVA	• Understanding the concepts of Object oriented programming, Java Virtual Machine and JDK • Learn keyword and writing, debugging java programs • Design, implement, test, debug, and document programs that use basic data types and computation, simple I/O, conditional and iterative structures, and functions. • Apply the techniques of structured (functional) decomposition to break a program into smaller pieces. • Write programs that use data structures, including arrays, strings, linked lists, stacks, queues, sets, and maps. • Design, implement, test, debug, and document recursive functions. • Design, implement, test, debug, and document GUI, event-driven programs and object-oriented programs

WEB DESIGNING	
Javascript	• Explain separation of concerns and identify the three layers of the web. • Use operators, variables, arrays, control structures, functions and objects in JavaScript. • Identify popular JavaScript Libraries. • Understanding Events in JavaScript. • Use regular expressions for form validation.