

(VIII Semester)

**(CS1801) Web Technology (3-1-0)**

History of the Web, growth of the web in past decade, TCP/IP, FTP, Telnet. World Wide web: HTTP protocol. Designing web pages: HTML, DHTML, CGI scripts and JavaScript. E-Commerce and security aspects on the web, encryption and digital signature. Emerging trends, introduction to ASP.Net, active server page object, ASP components, creating components with application scope. ASP forms. JAVA applet programming, JAVA applets. Cookies and its application.

**(CS1802) Visual Programming (3-1-0)**

Creating windows, menus, file handling in windows, dialogue boxes, scroll bars, list boxes, mouse techniques, reading key strokes in windows, windows message, debugging in Visual C++, multi document interface (MDI), Object linking and embedding (OLE), writing X applications, constructing Graphical User Interface.

**Suggested Text Books & References**

- V. RAJARAMAN, "Introduction to Computer Programming"
- Morris, "Computer Organization".
- Hamacher, "Computer Organization".
- Kanter, "Managing Information System".

**LIST OF OPEN ELECTIVES  
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PROFESSIONAL ELECTIVES**

**OPEN ELECTIVES**

1. Enterprise Resource Management.
2. E-Commerce, Strategic IT Management.
3. Technology Management.
4. Decision Support and Executive Information system.
5. Software Technology
6. Knowledge Management.
7. IT in Marketing Management.

**PROFESSIONAL ELECTIVES**

1. Network Management.
2. Enterprise Network Management.
3. Distributed Computing.
4. Client Server Architecture.
5. Relational database system.
6. JAVA Programming.
7. RISC architecture.
8. Object Oriented data base system

*Note: The Institutions can frame Syllabi of Professional Electives and Open electives to be offered by them in the particular area.*