

World wide web- Introduction, Client server model, Web servers, Browsers Interface, Browser Architecture, caching in web browser, CGI Interface, Hypertext- HTML, DHTML, HTTP; Scripting language: JSP, ASP. Web Programming – Java language, Java swing, Java beans, Applets, Servlets, RMI, JAVA Utilities.

**Practical Exercises**

1. Write the HTML source code to display the information of students.
2. Write the HTML source code to display the List of courses and classes in form of table.
3. Write the HTML source code to display the registration form of admission using HTML.
4. Write the HTML source code for upload and download information on server.
5. Write the HTML source code for play the video and audio content.
6. Write the JAVA source code for method overloading.
7. Write the JAVA source code for Inheritance.
8. Write the JAVA source code for Multiple Threading.
9. Write the Applet source code for display smiling face.
10. Write the Applet source code to display seven circles where the alternative one is fill with color and second one is blank.
11. Write the JSP program for addition of 1 to n numbers.
12. Write the source code in HTML/Java/JSP/ASP for mini project on any topic of interest.

**References:**

1. Comer D.E, Computer Networks, Internet and applications, Third Edition, 2004.
2. Crouch, A., Web programming with ASP and COM , Pearson Education, 2002.
3. Duckett J., Beginning Web Programming with HTML, XHTML, and CSS, Wiley Publication, 2011.