**MGM’s College of Engineering and Technology NOIDA**

**Departments of CS**

**Subject Name: Web Technology**

**Subject Code RCS 052**

**Assignment 4**

1. Define

(a) Internal DTD (b) External DTD

2. How would you define a XML schema? Write its various elements.

3. How will you create a hyper-links in web documents? Discuss on different attributes of creating a hyperlink.

4. What are scripting languages and why java script is used? Write a JavaScript function for validating form data like Mandatory Fields and Email field?

5. What is an IP Address? Also discuss its various versions till today.

6. What are the benefits of HTML? Also write down the steps for creating web sites.

7. Write down HTML code for creating a basic HTML file. File should include a Welcome message with a picture.

8. What are the advantages of JavaScript?

9. Compare Java and JavaScript. Write a JavaScript program to define a user defined function for sorting the values in an array.

10. Create a XML document of 10 students of final CSE. Add their roll numbers, marks obtained in 5 subjects, total marks and percentage. Save this XML document at the server, write a program that accepts student's roll number as input and returns the students marks, total percentage by taking student information for XML document.