SNS COLLEGE OF ENGINEERING

Kurumbapalayam (Po), Coimbatore – 641 107

An Autonomous Institution

Accredited by NBA – AICTE and Accredited by NAAC – UGC with 'A' Grade
Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai

DEPARTMENT OF COMPUTER SCIENCE AND TECHNOLOGY

COURSE NAME: 19CT503 – Internet Programming

III YEAR /V SEMESTER

Unit 1- WEBSITE BASICS

Topic : **HTML5**

HTML-5

- What is New in HTML5?
- The DOCTYPE declaration for HTML5 is very simple:
- <!DOCTYPE html>
- The character encoding (charset) declaration is also very simple:
- <meta charset="UTF-8">

HTML5 Example:

```
<!DOCTYPE html>

<html>

<head>

<meta charset="UTF-8">

<title>Title of the document</title>

</head>

<body>

Content of the document......

</body>

</html>
```

New HTML5 Elements

- New **semantic elements** like <header>, <footer>, <article>, and <section>.

- New **attributes of form elements** like number, date, time, calendar, and range.

- New **graphic elements**: <svg> and <canvas>.

- New **multimedia elements**: <audio> and <video>.

New HTML5 APIs

- The most interesting new APIs in HTML5 are:
- HTML Geo-location
- HTML Drag and Drop
- HTML Local Storage (Replacement of cookies)
- HTML Application Cache
- HTML Web Workers
- HTML SSE

THANK YOU