DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

19CSO303-Web Designing(Open Elective)

XML & XSLT

Introduction to XML:

- XML stands for eXtensible Markup Language
- XML is a markup language much like HTML
- XML was designed to store and transport data
- XML was designed to be self-descriptive
- XML is a W3C Recommendation

Syntax:

- The syntax rules of XML are very simple and logical. The rules are easy to learn, and easy to use.

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- XML Documents Must Have a Root Element
- XML documents must contain one **root** element that is the **parent** of all other elements:

```
<root>
  <child>
    <subchild>.....</subchild>
  </child>
</root>
```

In this example **<note>** is the root element:

```
<?xml version="1.0" encoding="UTF-8"?>
<note>
  <to>Tove</to>
  <from>Jani</from>
  <heading>Reminder</heading>
  <body>Don't forget me this weekend!</body>
</note>
```