**Course details Code**

<!DOCTYPE html>

<html>

<title>AU Course Outcomes</title>

<body>

<h1 align="center"><font color="red">Course Details</font></h1>

<p align="center"><font size="4"><b><font color="red">Course Name </font>: WEB TECHNOLOGIES

<br>

<font color="red">YEAR/SEM </font>: III/I</b></font></p>

<p><b><font color="red" size="5">Course Outcomes</font><br>

Students will be able to</b></p>

<ol type="1">

<b>

<li>Develop static web pages using HTML tags (L3)</li>

<li>Apply style sheets to web pages with data validation (L3)</li>

<li>Create Machine understandable web documents usingXML (L6)</li>

<li>Develop servlet based dynamic web application (L3)</li>

<li>Design data driven web application (L6)</li>

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<h2 align="center"><font color="red"><b>UNIT - I</b></font></h2>

<p><b>

<font size="4" color="red">Introduction to Web: </font>

Understanding Internet and Web, Web Architechture, Web servers, protocols: HTTP

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<font size="4" color="red">Introduction to HTML: </font>

History of HTML, www, HTML Basics : Elements, Attributes, Tags, Tables, Forms, Frames.div and span tags

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<font size="4" color="red">Course Outcome: </font>

Develop static web page using HTML tags

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<h2 align="center"><font color="red"><b>UNIT - II</b></font></h2>

<p><b>

<font size="4" color="red">CSS: </font>

Introduction to Cascading Style Sheet, Types of style sheets, page layout,

selectors, pseudo classes and elements

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<font size="4" color="red">JAVA SCRIPT: </font>

Introduction to scripting, control structures, conditional statements, Array

functions, objects

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<font size="4" color="red">HTML DOM: </font>

Predefined object (Window, Location, History, Navigator), Events, DOM

Node methods, Navigation, creating nodes, adding nodes, inserting nodes, removing & replacing nodes,

Form object and elements, DHTML with Java script

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<font size="4" color="red">Course Outcome: </font>

Apply style sheets to web pages with datac validation

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<h2 align="center"><font color="red"><b>UNIT - III</b></font></h2>

<p><b>

<font size="4" color="red">XML: </font>

Basic of XML, Elements, Attributes, validation, Nameapace, XML Scheme Languages:

Introduction to DTD, internal and external DTD, Elements of DTD, DTD Limitations, XML Schema, Schema structure, Elements,

parsing using XML

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<font size="4" color="red">XML DOM: </font>

Document node, element node, Text node, Java and DOM, Navigating DOM Tree

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<font size="4" color="red">Course Outcome: </font>

Create Machine understandable web documents using XML

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<h2 align="center"><font color="red">UNIT - IV</font></h2>

<p><b>

<font size="4" color="red">AJAX: </font>

Introduction, Environment, Asynchronous communication, process steps,

sending and retrieving information, Ajax with XML

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<font size="4" color="red">Servlets: </font>

Introduction, Lifecycle, Generic and HTTP servlet, passing parameters to

servlet, HTTP servlet Request & Response interfaces, Deploying web applications,

Session Tracking: Hidden form fields, cookies, URL-Rewriting, session

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<font size="4" color="red">Course Outcome: </font>

Develop servlet based dynamic web application

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<h2 align="center"><font color="red">UNIT - V</font></h2>

<p><b>

<font size="4" color="red">JSP: </font>

Introduction, Difference between servlets & JSP, Anatomy of JSP page,

JSP elements: Directives, comments, expressions, script lets, Declaration,

Implicit JSP objects, using Action elements

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<font size="4" color="red">JDBC: </font>

Introduction, JDBC Drivers, Loading Driver, establishing connection,

Executing SQL statement in JSP pages, MVC Architechture

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<font size="4" color="red">Course Outcome: </font>

Design data driven web applications

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</body>

</html>

OUTPUT:



