# बिरसा मुंडा ट्रायबल युनिवर्सिटी
# Birsa Munda Tribal University

राजपिपळा, जि॰ नर्मदा  Rajpipla, Dist. Narmda
Established by Tribal Development Department, Govt. of Gujarat

## School of Arts
## B.A. (English) Programme
## Subject Code & Name: BA03SEENG1 Web Development and Design

**Teaching and Evaluation Scheme:**

| Teaching Scheme | | | | Examination Scheme | | | |
|---|---|---|---|---|---|---|---|
| Credits | | | | Component Weightage (%) | | | |
| | | | | CCE | | SEE | |
| L | T | P | Total | TH | PWE | TH | PWE |
| 1 | 0 | 1 | 2 | 25 | 25 | 25 | 25 |

| | |
|---|---|
| Programme Name | B.A. |
| Semester | III |
| Course Code | BA03SEENG1 |
| Course Title | Web Development and Design |
| Course Content Type (Th./Pr.) | Theory/Practical |
| Course Credit | 2 |
| Sessions+ Lab. Per Week | 2 |
| Total Teaching/Lab. Hours | 30 Hours |
| * 2 Laboratory = 1 Session | |
| | |

### Learning Objectives
1. This course would make students familiar with web programming concept
2. Students can develop skill for web development

### Prerequisites (if any)
Basic Understanding and Operating of Computer System

### Learning Outcomes

On the completion of this course, students will able to:
1. Comprehend the basics of web and mark-up language
2. Develop the web with the use of scripting language and style sheets

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| UNIT | TOPIC/SUB-TOPIC | TEACHING HOURS |
|---|---|---|
| I | **Introduction to WEB, HTML & Advance HTML 5**<br>Basics of WWW, HTTP and HTTPS protocol: Request and Response, Web browser, Introduction to web server, Client Server architecture,<br><br>Fundamentals of HTML, Basic Tags and Attributes, Formatting Tags, The list tags, Link tag, Adding image and sound, table, frame, forms<br><br>HTML 5 Document structure (section, article, aside, header, footer, nav, dialog, figure), Attribute of HTML 5, web form (datetime, date, month, week, time, number, range, email, url),Audio, Video | 15 |
| II | **Java Script and CSS**<br>Introduction to java script, variables, java script operators, conditional statements, loops, break and continue statements, dialog boxes, Array, UDF, Built-in function (String, math, date, array), Events (onclick, ondblclick, onmouseover, onmouseout, onkeypress, onkeyup,onblur, onfocus,onload, onchange, onsubmit, onreset), form validation.<br><br>**Style sheets :** Need for CSS, introduction to CSS, basic syntax and structure, using CSS, background images, colors and properties, manipulating texts, using fonts, borders and boxes, margins, padding lists, positioning using CSS. | 15 |

**Text Book(s)**

**Reference Books**

1. Internet for Every One by Leon
2. World Wide Web Design with HTML by C Xavier
3. Practical HTML 4.0 Lee Philips
4. HTML in 10 steps or less by Laurie Ann Ulrich, Robert G.Fuller
5. JavaFX Script: Dynamic Java Scripting for Rich Internet/Client-Side Applications – Apress

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| Web Resources |
| --- |
| 1. https://www.w3schools.com/html/ <br> 2. https://www.tutorialspoint.com/html/index.htm <br> 3. https://www.javatpoint.com/html-tutorial <br> 4. https://www.w3schools.com/js/ <br> 5. https://www.tutorialspoint.com/javascript/index.htm <br> 6. https://www.javascripttutorial.net/ <br> 7. https://javascript.info/ <br> 8. https://www.javatpoint.com/javascript-tutorial |
| **Required Software(s) (if any)** |
| |
| **Practical(s) (if any)** |
| Experiments to support the associated theory course |

**L::** Lecture, **T::** Tutorial , **P::**Practical

**CCE::** Continuous and Comprehensive Evaluation

(CCE Theory includes Mid Semester Examination, Assignment, MCQ quizzes, Seminar, Reflective notes, class participation, case analysis and presentation; slip tests (announced/ surprised), attendance etc. or any combination of these)

**PWE::** Practical Work Examination

(PWE includes Laboratory practical work, project work, viva simulation exercise work etc.)

**SEE::** Semester End Evaluation