UTTAR PRADESH TEXTILE TECHNOLOGY INSTITUTE, KANPUR

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
BCS353- Web Designing Workshop
B. Tech., Semester -III
Subject Code: BCS353 Session: 2025-26, ODD Semester

Name   : Atul Kumar
Roll no : 2410016

Faculty Signature   *Hod Signature*

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Vision

➢ To acknowledge quality education and instill high patterns of discipline making the students technologically superior and ethically strong which involves the improvement in the quality of life in human race.

Mission

➢ To achieve and impart holistic technical education using the best of infrastructure, outstanding technical and teaching expertise to establish the students into competent and confident engineers.

➢ Evolving the center of excellence through creative and innovative teaching learning practices for promoting academic achievement to produce internationally accepted competitive and world class professionals.

PROGRAMME EDUCATIONAL OBJECTIVES (PEOs)

PEO1 – ANALYTICAL SKILLS

1. To facilitate the graduates with the ability to visualize, gather information, articulate, analyze, solve complex problems, and make decisions. These are essential to address the challenges of complex and computation intensive problems increasing their productivity.

PEO2 – TECHNICAL SKILLS

2. To facilitate the graduates with the technical skills that prepare them for immediate employment and pursue certification providing a deeper understanding of the technology in advanced areas of computer science and related fields, thus encouraging to pursue higher education and research based on their interest.

PEO3 – SOFT SKILLS

3. To facilitate the graduates with the soft skills that include fulfilling the mission, setting goals, showing self-confidence by communicating effectively, having a positive attitude, get involved in team-work, being a leader, managing their career and their life.

PEO4 – PROFESSIONAL ETHICS

To facilitate the graduates with the knowledge of professional and ethical responsibilities by paying attention to grooming, being conservative with style, following dress codes, safety codes,and adapting themselves to technological advancements.

PROGRAM SPECIFIC OUTCOMES (PSOs)

After the completion of the course, B. Tech Computer Science and Engineering, the graduates will have the following Program Specific Outcomes:

1. **Fundamentals and critical knowledge of the Computer System:-** Able to Understand the working principles of the computer System and its components , Apply the knowledge to build, asses, and analyze the software and hardware aspects of it .

2. **The comprehensive and Applicative knowledge of Software Development:** Comprehensive skills of Programming Languages, Software process models, methodologies, and able to plan, develop, test, analyze, and manage the software and hardware intensive systems in heterogeneous platforms individually or working in teams.

3. **Applications of Computing Domain & Research:** Able to use the professional, managerial, interdisciplinary skill set, and domain specific tools in development processes, identify the research gaps, and provide innovative solutions to them.

PROGRAM OUTCOMES (POs)

Engineering Graduates will be able to:

1. **Engineering knowledge**: Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.

2. **Problem analysis**: Identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.

3. **Design / development of solutions**: Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.

4. **Conduct investigations of complex problems**: Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.

5. **Modern tool usage**: Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.

6. **The engineer and society**: Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.

7. **Environment and sustainability**: Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.

8. **Ethics**: Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.

9. **Individual and team work**: Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.

10. **Communication**: Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.

11. **Project management and finance**: Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multi disciplinary environments.

12. **Life- long learning**: Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.

GENERAL LABORATORY INSTRUCTIONS

1. Students are advised to come to the laboratory at least 5 minutes before (to the starting time), those who come after 5 minutes will not be allowed into the lab.
2. Plan your task properly much before to the commencement, come prepared to the lab with the synopsis / program / experiment details.
3. Student should enter into the laboratory with:
a. Laboratory observation notes with all the details (Problem statement, Aim, Algorithm, Procedure, Program, Expected Output, etc.,) filled in for the lab session.
b. Laboratory Record updated up to the last session experiments and other utensils (if any) needed in the lab.
c. Proper Dress code and Identity card.
4. Sign in the laboratory login register, write the TIME-IN, and occupy the computer system allotted to you by the faculty.
5. Execute your task in the laboratory, and record the results / output in the lab observation note book, and get certified by the concerned faculty.
6. All the students should be polite and cooperative with the laboratory staff, must maintain the discipline and decency in the laboratory.
7. Computer labs are established with sophisticated and high end branded systems, which should be utilized properly.
8. Students / Faculty must keep their mobile phones in SWITCHED OFF mode during the lab sessions.Misuse of the equipment, misbehaviors with the staff and systems etc., will attract severe punishment.
9. Students must take the permission of the faculty in case of any urgency to go out ; if anybody found loitering outside the lab / class without permission during working hours will be treated seriously and punished appropriately.
10. Students should LOG OFF/ SHUT DOWN the computer system before he/she leaves the lab after completing the task (experiment) in all aspects. He/she must ensure the system / seat is kept properly.

INDEX PAGE CODE

```html
<!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 4.01 Frameset//EN" "http://www.w3.org/TR/html4/frameset.dtd">

<html>

<head><title>UPTTI Online Book Store</title></head>

<frameset rows="120,*" border="0">

   <frame src="top_frame.html" name="top_frame" scrolling="no" noresize />

   <frameset cols="180,*">

      <frame src="left_frame.html" name="left_frame" scrolling="auto" noresize />

      <frame src="home_page.html" name="main_frame" scrolling="auto" />

   </frameset>

</frameset>

</html>
```

STYLE CSS PAGE CODE

```css
/* style.css - Professional Green Theme */


body {

   font-family: 'Segoe UI', Arial, sans-serif;

   background-color: #f0f4f0;

   color: #1b3022;

   margin: 20px;

}


table {

   width: 95%;

   border-collapse: collapse;
```

```css
    margin-top: 15px;

    background-color: #ffffff;

    box-shadow: 0 4px 8px rgba(0,0,0,0.05);

}


th, td {

    border: 1px solid #c8e6c9;

    padding: 12px;

    text-align: left;

}


th {

    background-color: #f1f8f1;

    color: #2e7d32;

    font-weight: bold;

}


/* Branch Header */

.branch-header {

    background-color: #e8f5e9;

    padding: 15px;

    margin-top: 30px;

    border-left: 10px solid #2e7d32;

    font-weight: bold;

    color: #1b5e20;

}


.book-cover { width: 80px; height: 110px; border: 1px solid #ddd; border-radius: 4px; }
```

```css
.price { font-size: 1.2em; font-weight: bold; color: #2e7d32; }


button, input[type="submit"] {

   background-color: #2e7d32;

   color: white;

   border: none;

   padding: 10px 15px;

   border-radius: 5px;

   cursor: pointer;

   font-weight: bold;

}


button:hover { background-color: #1b5e20; }


fieldset {

   background-color: #ffffff;

   border: 2px solid #a5d6a7;

   border-radius: 10px;

   padding: 20px;

   width: 450px;

   margin: auto;

}


legend { font-weight: bold; color: #2e7d32; padding: 0 10px; }


input[type="text"], input[type="password"], input[type="email"] {

   width: 100%;

   padding: 8px;
```

```
  margin: 5px 0;

  border: 1px solid #ccc;

  border-radius: 4px;

  box-sizing: border-box;

}
```

TOP FRAME CODE

```html
<!DOCTYPE html>

<html lang="en">

<head>

  <meta charset="UTF-8">

  <title>UPTTI Digital Archive</title>


  <style>

    body {

      margin: 0;

      padding: 0;

      background-color: #e8f5e9;

      overflow: hidden;

      font-family: Arial, sans-serif;

    }


    .top-table {

      width: 100%;

      height: 110px;

      background-color: #2e7d32;

      margin: 0;

      border-collapse: collapse;

    }
```

```css
.top-table td {

  border: none;

  padding: 10px;

  vertical-align: middle;

}


.logo-img {

  width: 95px;    /* Perfect logo size */

  height: auto;

}


.site-name {

  font-size: 2.2em;

  font-weight: 800;

  color: #ffffff;

  text-align: center;

}


.nav-links {

  text-align: right;

  padding-right: 20px;

}


.nav-links a {

  display: inline-block;

  padding: 10px 15px;

  font-weight: 600;
```

```
        font-size: 1.1em;

        color: #ffffff;

        text-decoration: none;

    }


    .nav-links a:hover {

        color: #a5d6a7;

    }

  </style>

</head>


<body>


<table class="top-table">

  <tr>

    <td style="width: 120px; text-align: center;">

      <a href="https://uptti.ac.in/" target="_blank">

        <img src="https://uptti.ac.in/images/logo.png"

          alt="UPTTI Logo"

          class="logo-img">

      </a>

    </td>


    <td class="site-name">

      UPTTI Digital Archive

    </td>


    <td class="nav-links">
```

```
        <a href="home_page.html" target="main_frame">Home</a>

        <a href="login.html" target="main_frame">Account</a>

        <a href="registration.html" target="main_frame">Join Us</a>

        <a href="catalouge.html" target="main_frame">Archives</a>

        <a href="cart.html" target="main_frame">Basket</a>

      </td>

    </tr>

</table>


</body>

</html>
```

LEFT FRAME CODE

```
<html>

<head>

  <link rel="stylesheet" type="text/css" href="style.css">

  <style>

    body { background-color: #ffffff; padding: 25px 15px; margin: 0; }

    h3 {

      color: #2e7d32;

      border-bottom: 2px solid #a5d6a7;

      padding-bottom: 8px;

      text-transform: uppercase;

      font-size: 1.1em;

    }

    a {

      display: block;

      padding: 12px 10px;
```

```
        font-weight: 600;

        color: #388e3c;

        border-radius: 4px;

      }

      a:hover { background-color: #e8f5e9; color: #1b5e20; text-decoration: none;}

   </style>

</head>

<body>

  <h3>Specializations</h3>

  <a href="catalogue_cse.html" target="main_frame">Computer Science</a>

  <a href="catalouge_ece.html" target="main_frame">Electronics</a>

  <a href="catalogue_eee.html" target="main_frame">Electrical</a>

  <a href="catalogue_civil.html" target="main_frame">Civil Engineering</a>

  <a href="catalogue_mech.html" target="main_frame">Mechanical</a>

</body>

</html>
```

CATALOUGE CODE

```
<html>

<head><link rel="stylesheet" type="text/css" href="style.css"></head>

<body>

  <h2>Master Catalogue</h2>

  <p>Comprehensive list of all departmental academic literature.</p>


  <table>

    <!-- CSE Section -->

    <tr><td colspan="4" class="branch-header">COMPUTER SCIENCE (CSE)</td></tr>

    <tr>
```

```html
      <td rowspan="4" style="text-align:center;"><img src="https://m.media-amazon.com/images/I/41xShlnTZTL.jpg"
class="book-cover"></td>

      <td><b>Resource:</b> Clean Code</td>

      <td rowspan="4" class="price">&#8377; 850</td>

      <td rowspan="4" style="text-align:center;"><button>Reserve</button></td>

    </tr>

    <tr><td><b>Lead:</b> Robert C. Martin</td></tr>

    <tr><td><b>Source:</b> Prentice Hall</td></tr>

    <tr><td> </td></tr>


    <!-- ECE Section -->

    <tr><td colspan="4" class="branch-header">ELECTRONICS (ECE)</td></tr>

    <tr>

      <td rowspan="4" style="text-align:center;"><img
src="https://imgs.search.brave.com/Raj5gkMw84v6d1XQHD4NdHPr2zSkF3WNfdX3_BkXuE8/rs:fit:500:0:1:0/g:ce/aHR0cHM6
Ly9tLm1l/ZGlhLWFtYXpvbi5j/b20vaW1hZ2VzL0kv/NDFHekg4Q01JY0wu/anBn" class="book-cover"></td>

      <td><b>Resource:</b> Signals and Systems</td>

      <td rowspan="4" class="price">&#8377; 720</td>

      <td rowspan="4" style="text-align:center;"><button>Reserve</button></td>

    </tr>

    <tr><td><b>Lead:</b> Alan V. Oppenheim</td></tr>

    <tr><td><b>Source:</b> Pearson</td></tr>

    <tr><td> </td></tr>


    <!-- CIVIL Section -->

    <tr><td colspan="4" class="branch-header">CIVIL ENGINEERING (CIVIL)</td></tr>

    <tr>

      <td rowspan="4" style="text-align:center;"><img
src="https://imgs.search.brave.com/dsUdL24myQdO0vZChcuxC6YWs_k6veSBpNM-
80LYl6o/rs:fit:500:0:1:0/g:ce/aHR0cHM6Ly9tLm1l/ZGlhLWFtYXpvbi5j/b20vaW1hZ2VzL0kv/NTEtSzZscDRiQkwu/anBn"
class="book-cover"></td>
```

```
      <td><b>Resource:</b> Design of Steel Structures</td>

      <td rowspan="4" class="price">&#8377; 650</td>

      <td rowspan="4" style="text-align:center;"><button>Reserve</button></td>

    </tr>

    <tr><td><b>Lead:</b> S.K. Duggal</td></tr>

    <tr><td><b>Source:</b> McGraw Hill</td></tr>

    <tr><td> </td></tr>

  </table>

</body>

</html>
```

CATALOUGE CSE

```
<html>

<head><link rel="stylesheet" type="text/css" href="style.css"></head>

<body>

  <h2>Computing Science Archives</h2>

  <table>

    <tr>

      <td rowspan="4" style="text-align:center;"><img src="https://m.media-amazon.com/images/I/41xShlnTZTL.jpg" class="book-cover"></td>

      <td><b>Title:</b> Clean Code</td>

      <td rowspan="4" class="price">&#8377; 850</td>

      <td rowspan="4" style="text-align:center;"><button>Reserve</button></td>

    </tr>

    <tr><td><b>Author:</b> Robert C. Martin</td></tr>

    <tr><td><b>Publisher:</b> Prentice Hall</td></tr>

    <tr><td> </td></tr>

    <tr>
```

```
        <td rowspan="4" style="text-align:center;"><img
src="https://imgs.search.brave.com/XymJhoJHi52cxnPEf7JR6re8w03yx-9TCr9w-
M_8Ze4/rs:fit:500:0:1:0/g:ce/aHR0cHM6Ly9qZWZm/YmFpbGV5LnVzL2Js/b2cvMjAyMC8xMi8x/OS9hLXByYWdtYXRp/Yy1wcm9
9ncmFtbWVy/LWJvb3stcmV2aWV3/L2EtcHJhZ21hdGlj/LXByb2dyYW1tZXIt/Ym9vay1yZXZpZXcu/cG5n" class="book-
cover"></td>

        <td><b>Title:</b> The Pragmatic Programmer</td>

        <td rowspan="4" class="price">&#8377; 950</td>

        <td rowspan="4" style="text-align:center;"><button>Reserve</button></td>

    </tr>

    <tr><td><b>Author:</b> Andrew Hunt</td></tr>

    <tr><td><b>Publisher:</b> Addison-Wesley</td></tr>

    <tr><td> </td></tr>

  </table>

</body>

</html>
```

CATALOUGE ECE

```
<html>

<head><link rel="stylesheet" type="text/css" href="style.css"></head>

<body>

  <h2>Electronics Engineering Archives</h2>

  <table>

    <tr>

      <td rowspan="4" style="text-align:center;"><img
src="https://imgs.search.brave.com/Raj5gkMw84v6d1XQHD4NdHPr2zSkF3WNfdX3_BkXuE8/rs:fit:500:0:1:0/g:ce/aHR0cHM6
Ly9tLm1l/ZGlhLWFtYXpvbi5j/b20vaW1hZ2VzL0kv/NDFHekg4Q01JY0wwwu/anBn" class="book-cover"></td>

      <td><b>Title:</b> Signals and Systems</td>

      <td rowspan="4" class="price">&#8377; 720</td>

      <td rowspan="4" style="text-align:center;"><button>Reserve</button></td>

    </tr>

    <tr><td><b>Author:</b> Alan V. Oppenheim</td></tr>
```

```html
      <tr><td><b>Publisher:</b> Pearson</td></tr>

      <tr><td> </td></tr>

      <tr>

        <td rowspan="4" style="text-align:center;"><img src="https://imgs.search.brave.com/Zs5TS3iurZHj-VdPBUwuOm1B-P28PJ_wbE4HeOSta7g/rs:fit:500:0:1:0/g:ce/aHR0cHM6Ly9tLm1l/ZGlhLWFtYXpvvbi5j/b20vaW1hZ2VzL0kv/NTFzbjlCeEl5dUwu/anBn" class="book-cover"></td>

        <td><b>Title:</b> Microelectronic Circuits</td>

        <td rowspan="4" class="price">&#8377; 1,050</td>

        <td rowspan="4" style="text-align:center;"><button>Reserve</button></td>

      </tr>

      <tr><td><b>Author:</b> Adel S. Sedra</td></tr>

      <tr><td><b>Publisher:</b> Oxford</td></tr>

      <tr><td> </td></tr>

    </table>

</body>

</html>
```

CATALOUGE EEE

```html
<html>

<head><link rel="stylesheet" type="text/css" href="style.css"></head>

<body>

  <h2>Electrical Engineering Archives</h2>

  <table>

    <tr>

      <td rowspan="4" style="text-align:center;"><img src="https://imgs.search.brave.com/2SI2a93NOMP-PftN-wcfHt9CbvxCxhmghoOfSmGdEj8/rs:fit:500:0:1:0/g:ce/aHR0cHM6Ly9pLmVi/YXlpbWcuY29tL2lt/YWdlcy9nL29pa0FB/T1N3b2x0Y2x0YWdlcy9nL29pa/GbmdCUEgjv/cy1sNTAwLmpwZw" class="book-cover"></td>

      <td><b>Title:</b> Electric Machinery Fundamentals</td>

      <td rowspan="4" class="price">&#8377; 680</td>

      <td rowspan="4" style="text-align:center;"><button>Reserve</button></td>
```

```
      </tr>

      <tr><td><b>Author:</b> Stephen J. Chapman</td></tr>

      <tr><td><b>Publisher:</b> McGraw Hill</td></tr>

      <tr><td> </td></tr>

      <tr>

        <td rowspan="4" style="text-align:center;"><img
src="https://imgs.search.brave.com/mHsOBuXQzqjGsta1W2_6dzMNBXE8yhync5YgsWIoh68/rs:fit:500:0:1:0/g:ce/aHR0cHM6
Ly9tLm1l/ZGlhLWFtYXpvbi5j/b20vaW1hZ2VzL0kv/ODFFNm9WVENYR1Mu/anBn" class="book-cover"></td>

        <td><b>Title:</b> Power Electronics</td>

        <td rowspan="4" class="price">&#8377; 750</td>

        <td rowspan="4" style="text-align:center;"><button>Reserve</button></td>

      </tr>

      <tr><td><b>Author:</b> P.S. Bimbhra</td></tr>

      <tr><td><b>Publisher:</b> Khanna</td></tr>

      <tr><td> </td></tr>

    </table>

</body>

</html>
```

CATALOUGE CIVIL

```
<html>

<head><link rel="stylesheet" type="text/css" href="style.css"></head>

<body>

  <h2>Structural Engineering Archives</h2>

  <table>

    <tr>

      <td rowspan="4" style="text-align:center;"><img
src="https://imgs.search.brave.com/dsUdL24myQdO0vZChcuxC6YWs_k6veSBpNM-
80LYl6o/rs:fit:500:0:1:0/g:ce/aHR0cHM6Ly9tLm1l/ZGlhLWFtYXpvbi5j/b20vaW1hZ2VzL0kv/NTEtSzZscDRiQkwu/anBn"
class="book-cover"></td>
```

```
      <td><b>Title:</b> Design of Steel Structures</td>

      <td rowspan="4" class="price">&#8377; 650</td>

      <td rowspan="4" style="text-align:center;"><button>Reserve</button></td>

    </tr>

    <tr><td><b>Author:</b> S.K. Duggal</td></tr>

    <tr><td><b>Publisher:</b> McGraw Hill</td></tr>

    <tr><td> </td></tr>

  </table>

</body>

</html>
```

CATALOUGE MECH

```
<html>

<head><link rel="stylesheet" type="text/css" href="style.css"></head>

<body>

  <h2>Mechanical Design Archives</h2>

  <table>

    <tr>

      <td rowspan="4" style="text-align:center;"><img src="https://imgs.search.brave.com/YuLjbvK9396Cg7JH7-Mh-
dfi6PS8HKgKrTyETjYjbI0/rs:fit:500:0:1:0/g:ce/aHR0cHM6Ly9tLm1l/ZGlhLWFtYXpvbi5j/b20vaW1hZ2VzL0kv/NTFySHNpWG1lU
Uwu/anBn" class="book-cover"></td>

      <td><b>Title:</b> Shigley's Mechanical Engineering Design</td>

      <td rowspan="4" class="price">&#8377; 1,200</td>

      <td rowspan="4" style="text-align:center;"><button>Reserve</button></td>

    </tr>

    <tr><td><b>Author:</b> Richard Budynas</td></tr>

    <tr><td><b>Publisher:</b> McGraw Hill</td></tr>

    <tr><td> </td></tr>

  </table>
```

```html
</body>

</html>
```

HOME PAGE CODE

```html
<html>

<head>

  <link rel="stylesheet" type="text/css" href="style.css">

  <style>

    .welcome-wrap {

      display: flex; flex-direction: column;

      justify-content: center; align-items: center;

      min-height: 80vh; text-align: center;

    }

    .welcome-card {

      background: rgba(255, 255, 255, 0.85);

      padding: 70px 50px;

      /* ORIGINAL LEAF SHAPE */

      border-radius: 140px 25px 140px 25px;

      box-shadow: 0 20px 50px rgba(0,0,0,0.25);

      border: 10px solid #2e7d32;

      max-width: 750px;

      backdrop-filter: blur(12px);

      position: relative;

    }

    .welcome-card::before {

      content: ""; position: absolute; top: 0; left: 0; width: 100%; height: 10px;

      background: linear-gradient(90deg, #2e7d32, #81c784);

    }
```

```
  h1 { color: #1b5e20; font-size: 2.8em; margin-bottom: 20px; }

  </style>

</head>

<body>

  <div class="welcome-wrap">

    <div class="welcome-card">

      <h1>WELCOME TO THE <br> <span class="highlight">UPTTI REPOSITORY</span></h1>

      <p style="font-size: 1.4em; color: #1b3022; font-weight: 500;">Connecting students with top-tier engineering
literature and academic resources.</p>

      <div style="height: 6px; width: 140px; background: #2e7d32; margin: 25px auto; border-radius: 3px;"></div>

      <p style="color: #2e7d32; font-style: italic; font-size: 1.2em; font-weight: 600;">Choose a discipline from the sidebar to
begin your exploration.</p>

    </div>

  </div>

</body>

</html>
```

LOGIN PAGE

```
<html>

<head><link rel="stylesheet" type="text/css" href="style.css"></head>

<body>

  <form onsubmit="alert('Login sequence initiated...'); return false;" style="margin-top: 50px;">

    <fieldset>

      <legend>Student Portal Access</legend>

      <table style="width:100%; border:none; box-shadow:none;">

        <tr><td>Roll Number:</td><td><input type="text" placeholder="e.g. 2023CSE001"></td></tr>

        <tr><td>Secret Key:</td><td><input type="password" placeholder="••••••••"></td></tr>

        <tr><td colspan="2" style="text-align:center; padding-top:15px;"><input type="submit"
value="Authenticate"></td></tr>

        </table>
```

```
    </fieldset>

  </form>

</body>

</html>
```

REGISTRATION PAGE

```
<html>

<head>

  <link rel="stylesheet" type="text/css" href="style.css">

  <script>

    function validateForm() {

      var name = document.getElementById('r_name').value;

      var email = document.getElementById('r_email').value;

      var p1 = document.getElementById('r_pass1').value;

      var p2 = document.getElementById('r_pass2').value;

      var phone = document.getElementById('r_phone').value;


      var alphaRegex = /^[A-Za-z\s]+$/;

      var numericRegex = /^\d{10}$/;


      if (name.length < 5 || !alphaRegex.test(name)) {

        alert("Please enter a valid full name (min 5 characters).");

        return false;

      }

      if (!email.includes("@uptti.ac.in")) {

        alert("Please use your institutional email (@uptti.ac.in).");

        return false;

      }
```

```
      if (p1.length < 6 || p1 != p2) {

        alert("Passwords must be at least 6 characters and match.");

        return false;

      }

      if (!numericRegex.test(phone)) {

        alert("Mobile number must be exactly 10 digits.");

        return false;

      }


      alert("Enrollment Successful!");

      return true;

    }

  </script>

</head>

<body>

  <form onsubmit="return validateForm()">

    <fieldset>

      <legend>Membership Enrollment</legend>

      <table style="width:100%; border:none; box-shadow:none;">

        <tr><td>Full Name:</td><td><input type="text" id="r_name"></td></tr>

        <tr><td>Institutional Email:</td><td><input type="email" id="r_email"></td></tr>

        <tr><td>Set Password:</td><td><input type="password" id="r_pass1"></td></tr>

        <tr><td>Verify Password:</td><td><input type="password" id="r_pass2"></td></tr>

        <tr><td>Mobile No:</td><td><input type="text" id="r_phone"></td></tr>

        <tr><td>Gender:</td><td>

          <input type="radio" name="sex" id="m"> Male

          <input type="radio" name="sex" id="f"> Female

        </td></tr>
```

```
<tr><td colspan="2" style="text-align:center; padding-top:20px;"><input type="submit" value="Register Now"></td></tr>

      </table>

    </fieldset>

  </form>

</body>

</html>
```

CART PAGE

```
<html>

<head><link rel="stylesheet" type="text/css" href="style.css"></head>

<body>

  <h2>Your Basket Summary</h2>

  <table>

    <thead>

      <tr><th>ID</th><th>Book Title</th><th>Unit Cost</th><th>Author</th></tr>

    </thead>

    <tbody>

      <tr><td>01</td><td>Clean Code</td><td>&#8377; 850</td><td>Robert C. Martin</td></tr>

      <tr><td>02</td><td>Signals and Systems</td><td>&#8377; 720</td><td>Alan V. Oppenheim</td></tr>

      <tr><td>03</td><td>Design of Steel Structures</td><td>&#8377; 650</td><td>S.K. Duggal</td></tr>

    </tbody>

    <tfoot>

      <tr style="font-weight:bold; background-color:#f1f8f1;">

        <th colspan="2">Total Amount</th>

        <td colspan="2">&#8377; 2,220</td>

      </tr>

    </tfoot>

  </table>
```

```html
  <div style="margin-top: 20px; text-align: right; width: 95%;">

    <button>Confirm Request</button>

  </div>

</body>

</html>
```