

Lab8#Create a responsive web page of your college which includes information regarding Vision, Mission, Program specific outcomes, Courses Offered, Image gallery of events, Top Recruiters using Bootstrap only as per Annexure: I – 8

Tag Name	Type	Description / Purpose	Used In Section
<!DOCTYPE html>	Declaration	Defines the HTML5 document type	Top of file
<html>	Root	Root element of the HTML document	Entire document
<head>	Container	Holds meta, title, style, and link tags	Header section
<meta>	Empty	Defines metadata (charset, viewport)	Inside <head>
<title>	Text	Sets webpage title shown on browser tab	Inside <head>
<link>	Empty	Links external CSS (Bootstrap)	Inside <head>
<style>	Container	Contains internal CSS styling	Inside <head>
<body>	Container	Contains visible webpage content	Main page content
<nav>	Container	Defines navigation bar section	Navbar
<div>	Container	Used for layout and grouping elements	Navbar, Gallery, Recruiters, etc.
<a>	Anchor	Creates hyperlinks or navigation links	Navbar links
<button>	Interactive	Used for clickable buttons	Courses section
<section>	Container	Defines sections (Vision, Mission, PSO, etc.)	Multiple sections
<h3>	Heading	Subheading for each section	Vision, Mission, PSO, etc.
<p>	Paragraph	Displays text content	Vision section
	List	Creates unordered list	Mission & PSO sections
	List Item	Each bullet point item	Inside
	Empty	Displays images	Gallery section
<footer>	Container	Defines footer of webpage	Footer section
<script>	Container	Links Bootstrap JS bundle	End of body

<code></code>	Inline	Makes text bold	Inside PSO section
<code></code>	Inline	Inline container (used in toggler icon)	Navbar toggler
<code><button class="navbar-toggler"></code>	Interactive	Collapsible menu button for small screens	Navbar
<code><div class="collapse navbar-collapse"></code>	Layout	Handles Bootstrap navbar collapse behavior	Navbar

Final Outcome:

My College
Vision Mission PSOs Courses Gallery Recruiters

Vision

To impart quality technical education through research, innovation and teamwork to create professionally superior and ethically strong manpower.

Mission

- Provide ICT enabled teaching and learning environment.
- Enable students to become digital age literates and professionals.
- Provide knowledge and skills to succeed as engineers and entrepreneurs.
- Prepare graduates for lifelong learning and ethical challenges.

Program Specific Outcomes (PSOs)

- **PSO1:** Demonstrate skills and competence in the analysis, design and development of computer-based systems addressing industrial and social issues.
- **PSO2:** Tackle future technological challenges in areas like security, AR, IoT, etc.

Courses Offered

B.Tech - CSE
B.Tech - AI/ML
M.Tech - Cyber Security
PhD - Computer Engineering

Image Gallery of Events

Top Recruiters

Company 1
Company 2
Company 3
Company 4

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Code Snippet: CSS Code

```
<!DOCTYPE html>
<html Lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>My College</title>
  <link
href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.2/dist/css/bootstrap.min.css"
rel="stylesheet">
  <style>
    body {
      background-color: #fff;
    }
    .navbar {
      background-color: #212529;
    }
    .navbar a {
      color: #fff !important;
    }
    section {
      padding: 40px 0;
    }
    footer {
      background-color: #212529;
      color: white;
      padding: 10px 0;
      text-align: center;
    }
    .courses button {
      margin: 10px;
    }
    .gallery, .recruiters {
      text-align: center;
      padding: 20px 0;
    }
    .gallery img {
      width: 200px;
      height: 150px;
    }
```

```
        border-radius: 8px;
        box-shadow: 0px 4px 6px rgba(0,0,0,0.2);
        transition: transform 0.3s ease, box-shadow 0.3s ease;
        object-fit: cover;
    }
</style>
</head>
<body>

<!-- Navbar -->
<nav class="navbar navbar-expand-lg navbar-dark">
    <div class="container-fluid">
        <a class="navbar-brand" href="#">My College</a>
        <button class="navbar-toggler" type="button" data-bs-toggle="collapse"
data-bs-target="#navbarNav">
            <span class="navbar-toggler-icon"></span>
        </button>
        <div class="collapse navbar-collapse justify-content-end" id="navbarNav">
            <ul class="navbar-nav">
                <li class="nav-item"><a class="nav-link" href="#vision">Vision</a></li>
                <li class="nav-item"><a class="nav-link"
href="#mission">Mission</a></li>
                <li class="nav-item"><a class="nav-link" href="#pso">PSOs</a></li>
                <li class="nav-item"><a class="nav-link"
href="#courses">Courses</a></li>
                <li class="nav-item"><a class="nav-link"
href="#gallery">Gallery</a></li>
                <li class="nav-item"><a class="nav-link"
href="#recruiters">Recruiters</a></li>
            </ul>
        </div>
    </div>
</nav>

<!-- Vision Section -->
<section id="vision" class="text-center">
    <h3>Vision</h3>
    <p>To impart quality technical education through research, innovation and
teamwork to create professionally superior and ethically strong manpower.</p>
</section>
```

```
<!-- Mission Section -->
<section id="mission" class="text-center">
  <h3>Mission</h3>
  <div class="container text-start">
    <ul>
      <li>Provide ICT enabled teaching and learning environment.</li>
      <li>Enable students to become digital age literates and
professionals.</li>
      <li>Provide knowledge and skills to succeed as engineers and
entrepreneurs.</li>
      <li>Prepare graduates for lifelong learning and ethical challenges.</li>
    </ul>
  </div>
</section>

<!-- PSO Section -->
<section id="ps0" class="bg-light text-center">
  <h3>Program Specific Outcomes (PSOs)</h3>
  <div class="container text-start">
    <ul>
      <li><b>PS01:</b> Demonstrate skills and competence in the analysis,
design and development of computer-based systems addressing industrial and social
issues.</li>
      <li><b>PS02:</b> Tackle future technological challenges in areas like
security, AR, IoT, etc.</li>
    </ul>
  </div>
</section>

<!-- Courses Offered -->
<section id="courses" class="text-center courses">
  <h3>Courses Offered</h3>
  <div class="d-flex justify-content-center flex-wrap">
    <button class="btn btn-outline-secondary">B.Tech - CSE</button>
    <button class="btn btn-outline-secondary">B.Tech - AI/ML</button>
    <button class="btn btn-outline-secondary">M.Tech - Cyber Security</button>
    <button class="btn btn-outline-secondary">PhD - Computer
Engineering</button>
  </div>
</section>
```

```
<!-- Image Gallery -->
<section id="gallery" class="gallery bg-light">
  <h3>Image Gallery of Events</h3>
  <div class="container">
    <div class="row text-center justify-content-center g-3">
      
      
      

      
    </div>
  </div>
</section>

<!-- Top Recruiters -->
<section id="recruiters" class="recruiters">
  <h3>Top Recruiters</h3>
  <div class="container">
    <div class="row text-center">
      <div class="col-md-3 col-6">Company 1</div>
      <div class="col-md-3 col-6">Company 2</div>
      <div class="col-md-3 col-6">Company 3</div>
      <div class="col-md-3 col-6">Company 4</div>
    </div>
  </div>
</section>

<!-- Footer -->
<footer>
  © 2025 My College. All rights reserved.
</footer>
<script
src="https://cdn.jsdelivr.net/npm/bootstrap@5.3.2/dist/js/bootstrap.bundle.min.js"
"></script>
</body>
</html>
```