

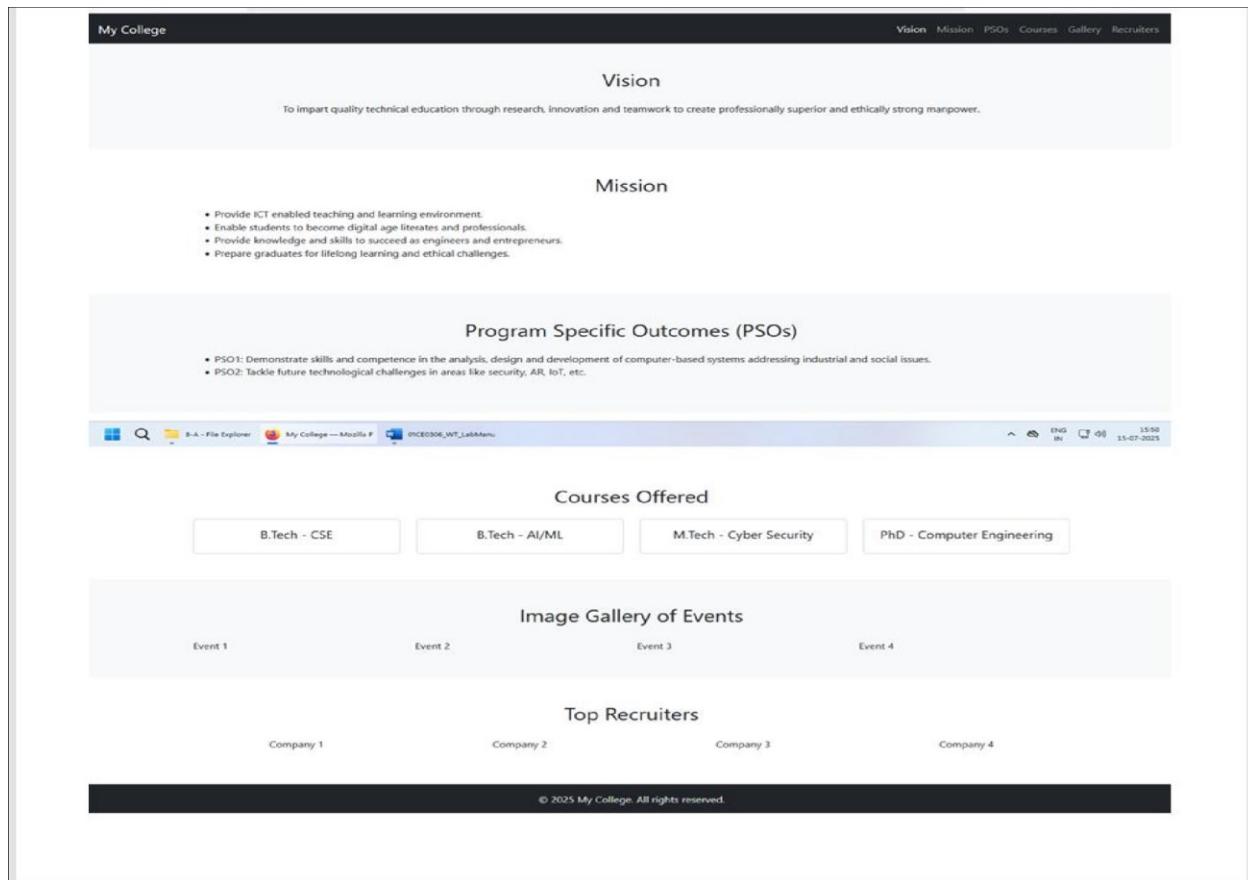
Practical-8

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	Attributes Used	Description
<!doctype html>	lang	Declares document type as HTML5
<html>	lang	Root element of the HTML document. lang specifies the language of the document.
<head>	—	Container for metadata, title, styles, and external links.
<meta>	charset, name, content	Defines metadata like character encoding and viewport settings.
<title>	—	Specifies the title of the page (appears in browser tab).
<link>	href, rel, integrity, crossorigin	Links to external CSS (Bootstrap stylesheet in this case).
<body>	—	Defines the visible content of the web page.
<nav>	class	Defines a navigation bar (Bootstrap navbar).
<div>	class, id	Generic container used for layout and Bootstrap grid system.

<a>	href, class, role, data-bs-toggle, aria-expanded, aria-current, aria-disabled	Creates hyperlinks (navbar brand, menu links, dropdown items).
<button>	class, type, data-bs-toggle, data-bs-target, aria-controls, aria-expanded, aria-label	Clickable button (used for navbar toggler, search, close buttons).
	class	Inline container, here used for the navbar toggler icon.
	class	Unordered list (for navbar menu, dropdown menu, mission points).
	class	List item inside (menu items, mission points, dropdown options).
<hr>	class	Horizontal rule (used as divider in dropdown).
<form>	class, role	Form container (used for search bar in navbar).
<input>	class, type, placeholder, aria-label	Input field (search box).
<section>	id, class	Defines thematic sections (Vision, Mission, PSOs, Courses, Gallery, Recruiters).
<h2>	class	Defines sub-headings (Vision, Mission, PSOs, Courses Offered, etc.).
<p>	class	Paragraphs of text (Vision content, footer, etc.).

	—	Makes text bold (PSO1, PSO2 labels).
	src, class, alt, width, height	Embeds images (gallery section).
<footer>	class	Defines the footer section (copyright info).
<script>	src, integrity, crossorigin	Loads Bootstrap JavaScript bundle.



The screenshot displays the homepage of the 'My College' website. At the top, there is a navigation bar with links for Vision, Mission, PSOs, Courses, Gallery, and Recruiters. Below the navigation, the 'Vision' section contains the college's mission statement: 'To impart quality technical education through research, innovation and teamwork to create professionally superior and ethically strong manpower.' The 'Mission' section lists the following goals:

- 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.

The 'Program Specific Outcomes (PSOs)' section outlines two outcomes:

- 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.

The 'Courses Offered' section features four categories: B.Tech - CSE, B.Tech - AI/ML, M.Tech - Cyber Security, and PhD - Computer Engineering. Below these, the 'Image Gallery of Events' section shows four thumbnail images labeled Event 1, Event 2, Event 3, and Event 4. The 'Top Recruiters' section lists four companies: Company 1, Company 2, Company 3, and Company 4. At the bottom of the page, a footer bar contains the text '© 2025 My College. All rights reserved.'

Code Snippet:

```
<!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@5.3.0/dist/css/bootstrap.min.css"
    rel="stylesheet">
  <style>
body {
  font-family: Arial, sans-serif;
}
.section-title {
  font-size: 1.8rem;
  font-weight: bold;
  margin-top: 30px;
  margin-bottom: 15px;
  text-align: center;
}
.footer {
  background: #000;
  color: #fff;
  text-align: center;
  padding: 10px;
  margin-top: 30px;
}
.psos-box {
```

```

background-color: #f8f9fa;
padding: 20px; border-
radius: 8px;
margin-bottom: 30px;
}
</style>
</head>
<body>

<nav class="navbar navbar-expand-lg navbar-dark bg-dark">
<div class="container">
<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" id="navbarNav">
<ul class="navbar-nav ms-auto">
<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="#psos">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>
```

```
<section id="vision" class="container">
  <h2 class="section-title">Vision</h2>
  <p class="text-center">To impart quality technical education through research, innovation and teamwork to create professionally superior and ethically strong manpower.</p>
</section>

<section id="mission" class="container">
  <h2 class="section-title">Mission</h2>
  <ul>
    <li>Provide ICT enabled teaching and learning environment.</li>
    <li>Enable students to become digital age learners 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>
</section>

<section id="psos" class="container">
  <h2 class="section-title">Program Specific Outcomes (PSOs)</h2>
  <div class="psos-box">
    <p><strong>PSO1:</strong> Demonstrate skills and competence in the analysis, design and development of computer-based systems addressing industrial and social issues.</p>
    <p><strong>PSO2:</strong> Tackle future technological challenges in areas like security, AI, IoT, etc.</p>
  </div>
```

</section>

```
<section id="courses" class="container">
  <h2 class="section-title">Courses Offered</h2>
  <div class="d-flex flex-wrap justify-content-center gap-3">
    <button class="btn btn-outline-primary">B.Tech - CSE</button>
    <button class="btn btn-outline-primary">B.Tech - AI/ML</button>
    <button class="btn btn-outline-primary">M.Tech - Cyber
    Security</button>
    <button class="btn btn-outline-primary">PhD - Computer
    Engineering</button>
  </div>
</section>
```

```
<section id="gallery" class="container">
  <h2 class="section-title">Image Gallery of Events</h2>
  <div class="row text-center">
    <div class="col">Event 1</div>
    <div class="col">Event 2</div>
    <div class="col">Event 3</div>
    <div class="col">Event 4</div>
  </div>
</section>
```

```
<section id="recruiters" class="container">
  <h2 class="section-title">Top Recruiters</h2>
  <div class="row text-center">
    <div class="col">Company 1</div>
    <div class="col">Company 2</div>
  </div>
</section>
```

```
<div class="col">Company 3</div>
<div class="col">Company 4</div>
</div>
</section>

<footer>
<p>&copy; 2025 My College. All rights reserved.</p>
</footer>

<script
src="https://cdn.jsdelivr.net/npm/bootstrap@5.3.0/dist/js/bootstrap.bundle.min.js"></script>
</body>
</html>
```