

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



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

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

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.

File Explorer

My College — Mozilla F

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15-07-2025

Courses Offered

B.Tech - CSE

B.Tech - AI/ML

M.Tech - Cyber Security

PhD - Computer Engineering

Image Gallery of Events

Event 1

Event 2

Event 3

Event 4

Top Recruiters

Company 1

Company 2

Company 3

Company 4

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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>

Provide ICT enabled teaching and learning environment.

Enable students to become digital age learners and professionals.

Provide knowledge and skills to succeed as engineers and entrepreneurs.

Prepare graduates for lifelong learning and ethical challenges.

</section>

<section id="psos" class="container">

<h2 class="section-title">Program Specific Outcomes (PSOs)</h2>

<div class="psos-box">

<p>PSO1: Demonstrate skills and competence in the analysis, design and development of computer-based systems addressing industrial and social issues.</p>

<p>PSO2: 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 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>
```