Name : Shraddha Shrenikkumar Shaha   **Roll No : 73**
Class : TY CS-D   **Batch : D1**

Experiment Number: 01
Design and develop a responsive website using toggleable or dynamic tabs or pills with bootstrap and JQuery to show the relevance of SDP, EDI, DT and Course projects in VIT.

Html code:

```html
<!DOCTYPE html>
<html lang="en">
<head>
  <title>Significance of EDI,SDP,DT</title>
  <meta charset="utf-8">
  <meta name="viewport" content="width=device-width, initial-scale=1">
  <link rel="stylesheet"
href="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/css/bootstrap.min.css">
  <script
src="https://ajax.googleapis.com/ajax/libs/jquery/3.6.3/jquery.min.js"></script>
  <script
src="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/js/bootstrap.min.js"></script>
  <script>
    $(document).ready(function(){
      $(".nav-pills a").click(function(){
        $(this).tab('show');
      });
    });
  </script>
</head>
<body>

<div class="container">
  <h2>Vishwakarma Institute of Technology </h2>
  <p>"To be globally acclaimed Institute in Technical Education and Research
for holistic Socio-economic development".</p>
  <ul class="nav nav-pills">
    <li class="active"><a data-toggle="pill" href="#home">Home</a></li>
    <li><a data-toggle="pill" href="#menu1">EDI</a></li>
    <li><a data-toggle="pill" href="#menu2">SDP</a></li>
    <li><a data-toggle="pill" href="#menu3">DT</a></li>
  </ul>

  <div class="tab-content">
    <div id="home" class="tab-pane fade in active">
      <h3>HOME</h3>
```

```html
    <p>• To ensure students' employability by developing aptitude,
computing, soft, and entrepreneurial skills
      <br/>• To enhance academic excellence through effective curriculum
blended learning and comprehensive assessment with
      active participation of industry<br />
      • To cultivate research culture resulting in knowledge-base, quality
publications, innovative products and patents<br />
      • To develop ethical consciousness among students for social and
professional maturity to become responsible citizens</p>
    </div>
    <div id="menu1" class="tab-pane fade">
      <h3>EDI</h3>
<p> Course Relevance: Project Centric Learning (PCL) is a powerful tool for
students to work in
    areas of their choice and strengths. Along with course based projects,
curriculum can be enriched
    with semester long Engineering Design and Development courses, in which
students can solve
    socially relevant problems using various technologies from relevant
disciplines. The various socially
    relevant domains can be like Health care, Agriculture, Defense, Education,
Smart City, Smart Energy
    and Swaccha Bharat Abhiyan. To gain the necessary skills to tackle such
projects, students can select
    relevant online courses and acquire skills from numerous sources under
guidance of faculty and
    enrich their knowledge in the project domain, thereby achieving project
centric learning. Modern
    world sustained and advanced through the successful completion of
projects. In short, if students are
    prepared for success in life, we need to prepare them for a project-based
world. It is a style of active
    learning and inquiry-based learning. Project centric learning will also
redefine the role of teacher as
    mentor in the learning process. The PCL model focuses the student on a big
open-ended question,
    challenge, or problem to research and respond to and/or solve. It brings
students not only to know,
    understand and remember rather it takes them to analyze, design and apply
categories of Bloom's
    Taxonomy.</p>    </div>
    <div id="menu2" class="tab-pane fade">
      <h3> Software Developemnt Project  </h3>
      <p>
        Course Objectives:<br>
        <ol>
            <li>To develop critical thinking and problem solving ability by
exploring and proposing solutions to
                realistic/social problems.
                </li>
```

```html
            <li>
                    To Evaluate alternative approaches, and justify the use of
selected tools and methods,

            </li>
            <li>
                 To emphasize learning activities those are long-term,
inter-disciplinary and student-centric.

            </li>
            <li>
                 To engage students in rich and authentic learning
experiences.

            </li>
            <li>
                To provide every student the opportunity to get involved
either individually or as a group so as to
                    develop team skills and learn professionalism.

            </li>
            <li>
                To develop an ecosystem to promote entrepreneurship and
research culture among the students

            </li>


</ol>
        </p>
    </div>
    <div id="menu3" class="tab-pane fade">
        <h3>Design Thinking</h3>
        <p> <b>Course Outcome: <br></b>
           [Publication of paper or patent]<br>
           The student will be able to
          <ol>
           <li>  Understand the importance of doing Research<li>
           <li>  Interpret and distinguish different fundamental terms
related to Research</li>
           <li>Apply the methodology of doing research and mode of its
publication</li>
           <li>Write a Research Paper based on project work</li>
           <li>  Understand Intellectual property rights</li>
           <li>Use the concepts of Ethics in Research</li>
           <li> Understand the Entrepreneurship and Business
Planning</li></p>
        </ol>
        </div>
```

Output:

Vishwakarma Institute of Technology

"To be globally acclaimed Institute in Technical Education and Research for holistic Socio-economic development".

Home   EDI   SDP   DT

HOME

• To ensure students' employability by developing aptitude, computing, soft, and entrepreneurial skills
• To enhance academic excellence through effective curriculum blended learning and comprehensive assessment with active participation of industry
• To cultivate research culture resulting in knowledge-base, quality publications, innovative products and patents
• To develop ethical consciousness among students for social and professional maturity to become responsible citizens

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Home   **EDI**   SDP   DT

EDI

Course Relevance: Project Centric Learning (PCL) is a powerful tool for students to work in areas of their choice and strengths. Along with course based projects, curriculum can be enriched with semester long Engineering Design and Development courses, in which students can solve socially relevant problems using various technologies from relevant disciplines. The various socially relevant domains can be like Health care, Agriculture, Defense, Education, Smart City, Smart Energy and Swaccha Bharat Abhiyan. To gain the necessary skills to tackle such projects, students can select relevant online courses and acquire skills from numerous sources under guidance of faculty and enrich their knowledge in the project domain, thereby achieving project centric learning. Modern world sustained and advanced through the successful completion of projects. In short, if students are prepared for success in life, we need to prepare them for a project-based world. It is a style of active learning and inquiry-based learning. Project centric learning will also redefine the role of teacher as mentor in the learning process. The PCL model focuses the student on a big open-ended question, challenge, or problem to research and respond to and/or solve. It brings students not only to know, understand and remember rather it takes them to analyze, design and apply categories of Bloom's Taxonomy.

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Home   EDI   **SDP**   DT

Software Developemnt Project

Course Objectives:

1. To develop critical thinking and problem solving ability by exploring and proposing solutions to realistic/social problems.
2. To Evaluate alternative approaches, and justify the use of selected tools and methods,
3. To emphasize learning activities those are long-term, inter-disciplinary and student-centric.
4. To engage students in rich and authentic learning experiences.
5. To provide every student the opportunity to get involved either individually or as a group so as to develop team skills and learn professionalism.
6. To develop an ecosystem to promote entrepreneurship and research culture among the students