AIM: Design a web page which includes text, graphics, sound, video, and animation create your Institute website, Department Website and Tutorial website for specific subject.

HTML Tags:

index.html:

```
<!DOCTYPE html>
<html>
<head>
    <title>Department Selection</title>
</head>
<body>
    <h1>Select Department</h1>
    <button onclick="location.href='cst.html'">CST</button>
</body>
</html>


<!-- File Name: cst.html -->
<!DOCTYPE html>
<html>
<head>
    <title>CST Selection</title>
</head>
<body>
    <h1>Select Year</h1>
    <button onclick="location.href='year1.html'">1st Year</button>
    <button onclick="location.href='year2.html'">2nd Year</button>
    <button onclick="location.href='year3.html'">3rd Year</button>
    <button onclick="location.href='year4.html'">4th Year</button>
</body>
</html>
```

cst.html:

```
<!DOCTYPE html>
<html>
<head>
    <title>CST Selection</title>
</head>
<body>
    <h1>Select Year</h1>
    <button onclick="location.href='year1.html'">1st Year</button>
    <button onclick="location.href='year2.html'">2nd Year</button>
    <button onclick="location.href='year3.html'">3rd Year</button>
    <button onclick="location.href='year4.html'">4th Year</button>
</body>
</html>
```

year1.html:

```
<!DOCTYPE html>
<html>
<head>
    <title>1st Year</title>
</head>
<body>
```

```
    <h1>Select Semester</h1>
    <button onclick="location.href='year1sem1.html'">1st Sem</button>
    <button onclick="location.href='year1sem2.html'">2nd Sem</button>
</body>
</html>
```

year1sem1.html:

```
<!DOCTYPE html>
<html>
<head>
    <title>1st Year 1st Sem</title>
</head>
<body>
    <h1>Subjects - 1st Year 1st Sem</h1>
    <ul>
        <li><a
href="https://www.youtube.com/watch?v=xKUbN9VmSTo">Engineering
Mathematics-I</a></li>
        <li><a href="https://www.youtube.com/watch?v=xKUbN9VmSTo">Applied
Physics</a></li>
        <li><a href="https://www.youtube.com/watch?v=xKUbN9VmSTo">Elements
of Electrical Engineering</a></li>
        <li><a
href="https://www.youtube.com/watch?v=xKUbN9VmSTo">Electronic Devices and
Circuits</a></li>
        <li><a
href="https://www.youtube.com/watch?v=xKUbN9VmSTo">Programming for Problem
Solving</a></li>
    </ul>
</body>
</html>
```

year1sem2.html:

```
<!DOCTYPE html>
<html>
<head>
    <title>1st Year 2nd Sem</title>
</head>
<body>
    <h1>Subjects - 1st Year 2nd Sem</h1>
    <ul>
        <li><a
href="https://www.youtube.com/watch?v=xG0mdBPhnzM">Engineering
Mathematics-II</a></li>
        <li><a
href="https://www.youtube.com/watch?v=xG0mdBPhnzM">Probability &
Statistical Methods</a></li>
        <li><a
href="https://www.youtube.com/watch?v=xG0mdBPhnzM">English</a></li>
```

```
        <li><a
href="https://www.youtube.com/watch?v=xG0mdBPhnzM">Engineering
Drawing</a></li>
        <li><a href="https://www.youtube.com/watch?v=xG0mdBPhnzM">Data
Structures</a></li>
    </ul>
</body>
</html>
```

year2.html:

```
<!DOCTYPE html>
<html>
<head>
    <title>2nd Year</title>
</head>
<body>
    <h1>Select Semester</h1>
    <button onclick="location.href='year2sem1.html'">1st Sem</button>
    <button onclick="location.href='year2sem2.html'">2nd Sem</button>
</body>
</html>
```

year2sem1.html:

```
<!DOCTYPE html>
<html>
<head>
    <title>2nd Year 1st Sem</title>
</head>
<body>
    <h1>Subjects - 2nd Year 1st Sem</h1>
    <ul>
        <li><a
href="https://www.youtube.com/watch?v=xG0mdBPhnzM">Managerial Economics &
Financial Accountancy</a></li>
        <li><a
href="https://www.youtube.com/watch?v=xG0mdBPhnzM">Switching Theory &
Logic Design</a></li>
        <li><a href="https://www.youtube.com/watch?v=xG0mdBPhnzM">Advanced
Data Structures</a></li>
        <li><a href="https://www.youtube.com/watch?v=xG0mdBPhnzM">Database
Systems</a></li>
        <li><a href="https://www.youtube.com/watch?v=xG0mdBPhnzM">Object
Oriented Programming through Java</a></li>
    </ul>
</body>
</html>
```

year2sem2.html:

```html
<!DOCTYPE html>
<html>
<head>
    <title>2nd Year 2nd Sem</title>
</head>
<body>
    <h1>Subjects - 2nd Year 2nd Sem</h1>
    <ul>
        <li><a
href="https://www.youtube.com/watch?v=xG0mdBPhnzM">Operating
Systems</a></li>
        <li><a href="https://www.youtube.com/watch?v=xG0mdBPhnzM">Software
Engineering & Applications</a></li>
        <li><a href="https://www.youtube.com/watch?v=xG0mdBPhnzM">Computer
Organization</a></li>
        <li><a href="https://www.youtube.com/watch?v=xG0mdBPhnzM">Design
and Analysis of Algorithms</a></li>
        <li><a href="https://www.youtube.com/watch?v=xG0mdBPhnzM">Discrete
Structures</a></li>
        <li><a href="https://www.youtube.com/watch?v=xG0mdBPhnzM">Python
Programming</a></li>
    </ul>
</body>
</html>
```

year3.html:

```html
<!DOCTYPE html>
<html>
<head>
    <title>3rd Year</title>
</head>
<body>
    <h1>Select Semester</h1>
    <button onclick="location.href='year3sem1.html'">1st Sem</button>
    <button onclick="location.href='year3sem2.html'">2nd Sem</button>
</body>
</html>
```

year3sem1.html:

```html
<!DOCTYPE html>
<html>
<head>
    <title>3rd Year 1st Sem</title>
</head>
<body>
    <h1>Subjects - 3rd Year 1st Sem</h1>
    <ul>
        <li><a href="https://www.youtube.com/watch?v=xG0mdBPhnzM">Theory
of Computation</a></li>
```

```
        <li><a href="https://www.youtube.com/watch?v=xG0mdBPhnzM">Computer
Networks</a></li>
        <li><a
href="https://www.youtube.com/watch?v=xG0mdBPhnzM">Artificial
Intelligence</a></li>
        <li><a
href="https://www.youtube.com/watch?v=xG0mdBPhnzM">Professional Elective -
I</a></li>
        <li><a
href="https://www.youtube.com/watch?v=xG0mdBPhnzM">Professional
Ethics</a></li>
    </ul>
</body>
</html>
```

year3sem2.html:

```
<!DOCTYPE html>
<html>
<head>
    <title>3rd Year 2nd Sem</title>
</head>
<body>
    <h1>Subjects - 3rd Year 2nd Sem</h1>
    <ul>
        <li><a href="https://www.youtube.com/watch?v=xG0mdBPhnzM">Language
Processors</a></li>
        <li><a href="https://www.youtube.com/watch?v=xG0mdBPhnzM">Big Data
Technologies</a></li>
        <li><a
href="https://www.youtube.com/watch?v=xG0mdBPhnzM">Foundations of Machine
Learning</a></li>
        <li><a
href="https://www.youtube.com/watch?v=xG0mdBPhnzM">Microprocessors and
Microcontrollers - II</a></li>
        <li><a
href="https://www.youtube.com/watch?v=xG0mdBPhnzM">Professional Elective -
II</a></li>
    </ul>
</body>
</html>
```

Output:

Select Department

CST

Select Year

1st Year | 2nd Year | 3rd Year | 4th Year

Select Semester

[1st Sem] [2nd Sem]

Subjects – 1st Year 1st Sem

- Engineering Mathematics-I
- Applied Physics
- Elements of Electrical Engineering
- Electronic Devices and Circuits
- Programming for Problem Solving

Subjects – 1st Year 2nd Sem

- Engineering Mathematics-II
- Probability & Statistical Methods
- English
- Engineering Drawing
- Data Structures

Subjects - 2nd Year 2nd Sem

- Operating Systems
- Software Engineering & Applications
- Computer Organization
- Design and Analysis of Algorithms
- Discrete Structures
- Python Programming

Subjects - 2nd Year 1st Sem

- Managerial Economics & Financial Accountancy
- Switching Theory & Logic Design
- Advanced Data Structures
- Database Systems
- Object Oriented Programming through Java