

## ACKNOWLEDGEMENT

I would like to express our deep sense of gratitude and profound thanks to Our Principal **Mr.R.BASKAR M.E.**, for his continuous guidance to carry over this project and creating a beautiful learning atmosphere, in the campus.

I take this opportunity to convey my heartiest thanks to our respected **Dr. P. Veeralakshmi M.E., Ph.D., HOD ( i /c )** for her continued involvement in giving his insight and careful review to this project.

I am extremely thankful to my guide **Dr. M. Adimoolam M.Tech., Ph.D., NET, SET.** for his much needed guidance and specially for entrusting us with my “COLLEGE WEBSITE”.

## ABSTRACT

This project report describes the development and implementation of a college website for Government Polytechnic College, Sevvapet using Bootstrap as the front-end framework. The website was designed to provide a user-friendly and informative platform for students, faculty, and visitors to access relevant information about the college. The website included a range of modules such as Home, About Us, Faculty, Departments, Admissions, Facilities, Student Corner, Archives, and Contact Us.

The project team utilized Bootstrap's responsive grid system and pre-built components to create a modern and mobile-friendly design that was accessible on various devices. Extensive research and analysis were conducted to identify the user requirements and preferences, which informed the design and content of each module. The Home module featured a dynamic slider with rotating images, highlighting important events and news. The About Us module provided information about the college's history, mission and values. The Faculty module featured a directory of all faculty members, along with their areas of expertise and contact information. The Departments module provided an overview of all academic departments and course offerings. The Admissions module included information on the application process, admission requirements, and scholarships. The Facilities module featured a comprehensive listing of all facilities and services available on campus. The Archives module provided access to the college's historical records. The Contact Us module includes the way to contact the college and location of the college itself.

Future enhancements to the website are also discussed in this report, including the integration of additional features and functionalities, such as social media integration and online forms.

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## **Chapter-1**

### **INTRODUCTION**

In today's digital age, a website is an essential tool for any educational institution to communicate and connect with its students, faculty, staff, and the wider community. Government Polytechnic College, Sevvapet College recognized the importance of having a modern, user-friendly, and accessible website that caters to the needs of its diverse audience. This project was undertaken to develop and implement a new website for Government Polytechnic College, Sevvapet using the Bootstrap framework, with the goal of creating a website that is not only visually appealing but also functional and responsive to different devices.

The primary objective of this project was to create a website that would provide a valuable resource for students, faculty, staff, and other stakeholders of Government Polytechnic College, Sevvapet College. The website was designed to provide easy access to essential information, such as course details, faculty profiles, admission procedures, campus facilities, and news updates. Additionally, the website aimed to provide a platform for the college to showcase its achievements and values, and to engage with the wider community.

This report will describe the development and implementation process of the website, including the research and analysis that informed the design and content of the website.

Overall, this project aimed to demonstrate the value of modern web development technologies, such as Bootstrap, in creating a website that meets the needs of its users and provides a positive user experience.

## **Chapter – 2**

### **SYSTEM SPECIFICATION**

#### **HARDWARE SPECIFICATION**

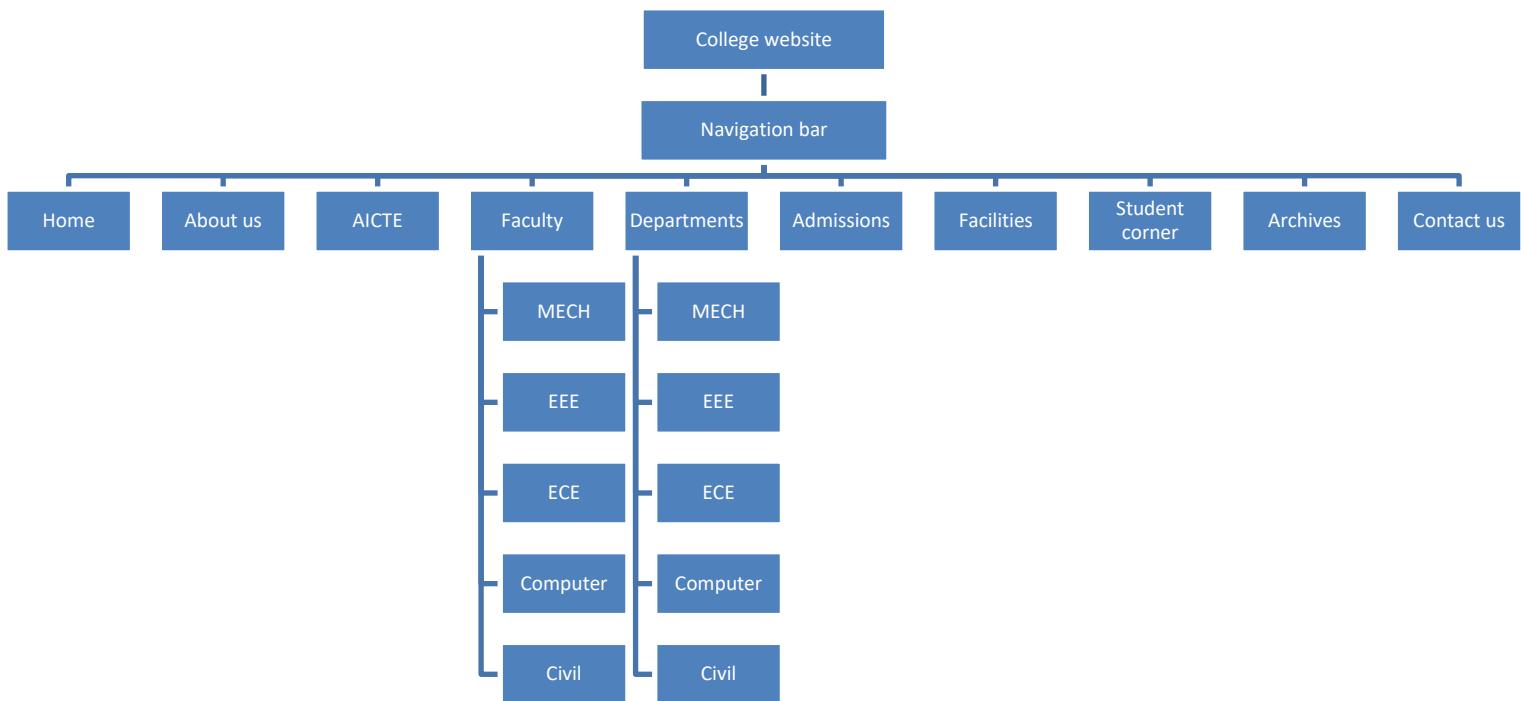
- Processor: Intel Core i3 or higher
- RAM: 4 GB or higher
- Hard Disk: 500 GB or higher
- Display: 1280 x 800 resolution or higher
- Internet connection: Broadband or higher

#### **SOFTWARE SPECIFICATION:**

- Operating System: Windows 10 or higher, MacOS, or Linux
- Programming Languages: HTML5, CSS3, JavaScript
- Front-end Framework: Bootstrap 4.0 or higher
- Integrated Development Environment (IDE): Visual Studio Code or any compatible IDE

## Chapter – 3

### SYSTEM DESIGN



## OVERVIEW AND OBJECTS

### Overview

The College Website project aims to create a modern and user-friendly website for a college or university. The website will serve as an online platform for students, faculty, and staff to access information about the institution, including its programs, faculty members, facilities, and admission procedures. The website will be designed using the Bootstrap framework, which will enable it to be responsive and mobile-friendly.

### Objectives

The main objectives of the College Website project are as follows:

1. To create a professional and user-friendly website for the college or university that accurately reflects its brand identity and values.
2. To provide a comprehensive and easy-to-use platform for students, faculty, and staff to access information about the institution, including its programs, faculty members, facilities, and admission procedures.
3. To design the website using the Bootstrap framework, which will ensure that it is responsive and mobile-friendly, and can be accessed from a range of devices.
4. To ensure that the website is easy to navigate and that users can quickly and easily find the information they need.
5. To ensure that the website is secure and that user data is protected from unauthorized access.

Overall, the College Website project aims to create a modern and user-friendly website that will serve as an effective platform for communication and information-sharing for the college community.

## MODULE DESCRIPTION

**Module:**

- **Home**
- **AICTE**
- **About us**
- **Faculty**
- **Departments**
- **Admissions**
- **Facilities**
- **Archives**
- **Contact us**

**#Home:**

The Home module will be the landing page for the website and will include news and events related to the institution, as well as a carousel of images from the college gallery. It will be designed using Bootstrap and provide links to other important pages on the website.

**#AICTE:**

The AICTE module will provide a link to the official website of the All India Council for Technical Education (AICTE), which is a statutory body under the Ministry of Education, Government of India. This module will enable users to access information about AICTE's policies, regulations, and initiatives related to technical education in India.

**#About us:**

The About Us module will provide detailed information about the institution, including its history, mission and vision, and values. It will also include information about the institution's leadership team and other key personnel.

## #Faculty

The Faculty module will provide a list of the institution's faculty members, including their names, qualifications, designations, photos, phone numbers, and email addresses. Users will be able to click on each faculty member's name to view their individual profile page, which will provide additional details about their research interests, publications, and teaching experience.

## #Departments

The Department module will provide information about each department in the institution, including its scope, syllabus, and curriculum outline. Users will also be able to view a photo of the department. In addition, there will be a link to the faculty members associated with the department.

## #Admissions

The Admissions module will provide information about the institution's admission procedures, including admission requirements, application deadlines, and procedures for applying. It may also include links to online application forms and other resources.

## #Facilities

The Facilities module will provide information about the institution's facilities, including classrooms, labs, libraries, and other resources. It may also include virtual tours and multimedia content.

## #Archives

The Archives module will provide access to the institution's historical records, including photographs, documents, and other archival materials.

## #Contact Us

The Contact Us module will provide users with the institution's contact information, including its phone number, address, and email address. Additionally, a Google Maps link will be embedded into the module to allow users to easily navigate to the institution's location.

## Chapter – 4

### INTRODUCTION TO HTML AND CSS

HTML and CSS are two of the most important web development languages used today. HTML, or Hypertext Markup Language, is used to create the structure and content of web pages, while CSS, or Cascading Style Sheets, is used to control the presentation and styling of web pages.

HTML is a markup language that uses tags to define the content and structure of web pages. Each tag represents a different element of a web page, such as headings, paragraphs, links, images, and lists. By using HTML tags, web developers can create a structured hierarchy of content that is easy to read and understand. HTML tags are written using a specific syntax that must be followed in order for the page to be properly rendered by web browsers.

CSS, on the other hand, is a language that is used to style and layout web pages. It is used to control the presentation of HTML elements, such as the font size, color, and spacing, as well as the positioning and layout of elements on the page. CSS allows web developers to separate the presentation of a web page from its content, which makes it easier to maintain and update the website over time.

One of the key benefits of using HTML and CSS is that they are both supported by all major web browsers. This means that web pages created using these languages can be viewed by anyone with an internet connection, regardless of which browser they are using. Additionally, HTML and CSS are both relatively easy to learn and use, which makes them accessible to a wide range of developers, from beginners to experts.

When working with HTML and CSS, it is important to follow best practices in order to create web pages that are easy to maintain and update. This includes using proper HTML markup, creating semantic HTML that is easy to read and understand, and using CSS to create a consistent and visually appealing design. It is also important to test web pages across different browsers and devices to ensure that they are rendering correctly and are accessible to all users.

In conclusion, HTML and CSS are two essential web development languages that are used to create and style web pages. They are widely supported and relatively easy to learn, which makes them accessible to developers of all skill levels. By following best practices and

testing web pages across different browsers and devices, web developers can create websites that are easy to use, maintain, and update, and that provide a positive user experience for all users.

### **Features of HTML:**

#### **1. User Friendly & Simple**

You can write HTML using annotations called tags. Tags give HTML a structure and make it easy for humans and browsers to read the document efficiently. They also enable a browser to apply CSS (Cascaded Style Sheets) to the digital document, making it a powerful visual combination.

While HTML comes with 100s of tags inbuilt, only a handful of them that a developer needs to learn for everyday use. Of course, all tags hold value; most of them don't find usage in normal development.

#### **2. Semantic Structure**

HTML5 defines unique tags to annotate different elements for their specific purposes. The `<article>` tag, for example, is used to annotate content on a page. The `<aside>` tag represents some content that is indirectly related to the document's primary content. Other noteworthy elements are `<header>`, `<footer>`, `<div>`, the paragraph tag `<p>`, and the one most used for navigation between pages, the `<a>` tag.

#### **3. SEO – Search Engine Optimisation**

SEO is by far the biggest USP (Unique Selling Point) of HTML5. With the advent of search engines like Google, Yahoo!, DuckDuckGo etc., you have so much information literally at your fingertips. These search engines accumulate information on the World Wide Web using computer programs that crawl the internet (also called web crawlers) and map keywords with respective documents in which they find it. These web crawlers can assimilate this data only because HTML is well structured, and you can optimise your web pages for searchability.

To highlight SEO, let me bring to your attention that this page is also SEO optimised and should appear for the search query “Top features of HTML”. You can even make use of the semantic structure of HTML for Search Engines using tags like `<title>`, `<meta>` with

*description*, *<header>* etc., to let the web crawler know about the critical keywords in the document.

#### 4. localStorage & IndexedDB – Client-side data storage

HTML5 comes with essential improvements in storage capabilities on the **client's side**. The *localStorage* and *sessionStorage* are crucial features that help developers store information on the client's side. These are essential advancements in browser storage capabilities because cookies limit data storage size on the client side. One can store small pieces of information like authentication tokens or usernames on the client using cookies. Still, *localStorage API* is where storage comes in handy for users when they revisit the web application. Imagine not having to repeatedly load some standard information on the client, which saves a lot of resources for both client and server. The *sessionStorage API* enables a developer to persist information just for that session. Meaning, the data is wiped out as soon as the user closes that tab. This feature comes in handy for browser-based games or high-security applications that have a limited session.

IndexedDB takes client-side storage a step beyond what *localStorage* does. While you could potentially store a lot of data with *localStorage* in a key-value form where both are strings, you can store more complex and significant data in the key-value form using *IndexedDB*. The key is a string, and the value to be stored is a native JavaScript object. Oh, and this object will persist through the *IndexedDB* until someone explicitly removes it.

*IndexedDB* enables the web application to store data on the client-side, i.e. the browser, and allows your web application to continue functioning even with flaky or a dropped internet connection. Let us talk more about this in the next feature.

#### 5. Offline Capabilities (PWA) with Cache API & Service Workers

Imagine if you could build a web application that works even when the user's internet is down. Well, you don't have to imagine because, with the advent of Service Workers, *IndexedDB* and *Cache API*, you could very well make this a reality. Your web application could offer a native-like experience to your users. Many applications like [Flipkart](#) already do this, and it's called a PWA (Progressive Web Application).

Service Workers act as a proxy between the user's machine and the internet. They can store files locally and fetch them when needed via the *Cache API* and can also bring information

from the IndexedDB to provide the application with data. So, when there's no internet on a user's device, the Service Worker intercepts these requests and serves them from the locally stored data. You can configure your service worker to update these files periodically or on-demand.

## **6. Canvas for Game Development**

You can use HTML5 to build some simple games; however, if you're looking to make a good video game, you can utilise the *<canvas>* element along with CSS and JavaScript. Canvas enables you to build 2D and 3D games. You can make these games as interactive as you'd like.

## **7. Platform Independent**

HTML runs on a browser, and you can find a browser on almost any device with a simple Operating System. If you had used mobile phones before smartphones were a thing, you would know that even old Nokia phones that ran Symbian OS could open HTML pages.

## **8. Media Support**

HTML can display images, video and audio; therefore, it enjoys excellent media-running capabilities. HTML5 came up with *<video>* and *<audio>* tags making this a lot easier than before. Of course, with HTML5, you can go beyond just playing media; you can specify controls, images for buttons and even control the playback programmatically.

The *<figure>* tag also deserves a special mention because it has revolutionised rendering images on a browser. You can also represent captions using the *<figcaption>* tag along with the *<figure>* tag.

## **Features of CSS:**

### **1. Fast Page Loading**

We don't need to mention the attributes of the HTML element every time if we use CSS.

We need to specify one rule of CSS for an element and use it for every occurrence of that element. So, short code means high-speed download times.

## **2. Easy Maintenance**

To create a global alteration we need to alter the style. Every element will get automatically updated within all web pages.

## **3. Superior HTML Styles**

HTML contains few extended attribute's array than CSS, thus we can provide a much better view to our HTML page as compared to HTML attributes.

## **4. Save Time**

We can specify CSS once and reuse the same sheet within various HTML pages. We can describe a style for every HTML tag and apply this style to as a lot of web pages as we want.

## **5. Compatibility**

The cascading style sheet permits content to be upgraded for one or more device types. Distinct versions of the website could be granted for various handheld devices like cell phones and PDAs, and for printing.

## **6. Global Standards**

Now, the attributes of HTML are being recommended to apply CSS, and they are being deprecated. Thus it is better to begin the use of CSS in every HTML page for making them compatible for future browsers.

## **Visual Studio Code**

Visual Studio Code (VS Code) is a free, open-source code editor developed by Microsoft. It is one of the most popular code editors among developers due to its ease of use, versatility, and vast collection of extensions.

### **Features of VS Code**

#### **Syntax Highlighting and Code Completion**

VS Code provides built-in syntax highlighting and code completion for various programming languages, including HTML, CSS, and JavaScript. This feature improves productivity by providing real-time feedback on code syntax and suggesting code completions.

#### **Extensions**

One of the key features of VS Code is its ability to integrate with various extensions that enhance its functionality. Extensions like "Live Server" and "Emmet" can be used to quickly launch a live server to preview your web pages and to write HTML and CSS code more efficiently, respectively. There are thousands of extensions available for VS Code that can help improve your workflow and productivity.

#### **Built-in Terminal**

VS Code includes a built-in terminal, which allows developers to run command-line tools and scripts directly from within the editor.

#### **Customization**

Finally, VS Code is highly customizable, which makes it an excellent choice for developers who want to tailor their development environment to their specific needs. Users can customize various aspects of the editor, including themes, fonts, key bindings, and extensions.

#### **Use of VS Code in the Project**

In the college website project, VS Code was used as the primary code editor to write and edit source code of the project. Its features made it an excellent choice for this project due to its extensive support for web development and vast collection of extensions. We used

VS Code to launch a live server, write efficient HTML and CSS code using the Emmet extension. Its high level of customization also allowed us to tailor our development environment to our specific needs.

In conclusion, VS Code was an excellent choice for the college website project due to its extensive support for web development, vast collection of extensions, built-in terminal and high level of customization. Its features and ease of use made it an essential tool for developing and maintaining the website's codebase.

## Chapter – 5

### ROLE OF BOOTSTRAP IN THIS PROJECT

#### BOOTSTRAP FRAMEWORK

Bootstrap is a popular front-end web development framework that was developed by Twitter. It is an open-source framework that provides developers with a set of pre-designed CSS and JavaScript components that can be used to create responsive, mobile-first web pages and applications.

Bootstrap was first released in 2011 and has since become one of the most widely used front-end frameworks for web development. It is based on the CSS and JavaScript libraries jQuery and Less, and is designed to be simple, flexible, and easy to use.

One of the key features of Bootstrap is its responsive design capabilities. Bootstrap components are designed to automatically adjust their layout and size based on the screen size and device of the user, which makes it easy to create websites and applications that look and function well on a wide range of devices.

Bootstrap also provides a wide range of pre-designed components and styles that can be used to create common web page elements such as navigation menus, forms, buttons, and icons. These components are easy to customize and can be used to create unique designs and layouts for your website or application.

Bootstrap also includes a number of JavaScript plugins that can be used to add advanced functionality to your web pages, such as carousel sliders, modals, and tooltips.

Overall, Bootstrap is a powerful and flexible framework that can be used to create responsive, mobile-first web pages and applications quickly and easily. Its pre-designed components and responsive design capabilities make it an excellent choice for web developers who want to create visually appealing and functional websites and applications with minimal effort.

## Role

Bootstrap is a popular front-end framework that has become a go-to tool for designing and developing responsive websites. In this project, Bootstrap played a critical role in creating the college website's user interface.

Bootstrap provides a wide range of pre-designed HTML, CSS, and JavaScript components, including responsive grids, navigation menus, forms, buttons, and other UI elements. By using these components, we were able to create a consistent, well-designed layout throughout the website that looked great on both desktop and mobile devices.

One of the significant advantages of using Bootstrap in this project was its built-in support for responsive design. With Bootstrap's responsive grid system, we were able to create a layout that automatically adapts to different screen sizes and resolutions, making it easy for users to access the website on a wide range of devices, including desktops, laptops, tablets, and smartphones.

Bootstrap's CSS framework also provided us with a set of tools to customize the website's look and feel. By using Bootstrap's color schemes, typography, and other style rules, we were able to create a modern, professional-looking website that reflected the college's brand identity.

In addition to its pre-designed components and responsive design support, Bootstrap also offers a range of JavaScript plugins that can be used to add advanced functionality to the website, such as carousels, modals, and tooltips.

Overall, Bootstrap was a critical tool in the development of this project, allowing us to create a responsive, well-designed website that looks great on a wide range of devices. By leveraging Bootstrap's pre-designed components and responsive grid system, we were able to create a website that was both functional and aesthetically pleasing, making it easy for users to find the information they need and engage with the college online.

## **Advantages of Bootstrap Framework**

Bootstrap is a popular front-end development framework that provides a set of tools, styles, and components for building responsive and modern websites. Here are some of the advantages of using Bootstrap for web development:

### **1. Easy to Use**

Bootstrap is easy to use and doesn't require any special knowledge of programming languages. The framework provides a set of pre-built components that can be easily used to build the website. Bootstrap also has extensive documentation and a large community of developers who contribute to its development, making it easy to find help and support when needed.

### **2. Responsive Design**

Bootstrap is a responsive framework that allows developers to create responsive web designs that adapt to different screen sizes. The framework uses a flexible grid system that automatically adjusts the layout of the website to fit the screen size of the device. This means that a website built with Bootstrap will look great on any device, whether it's a desktop computer, a tablet, or a mobile phone.

### **3. Customizable**

Bootstrap is highly customizable, and developers can easily modify the components and styles to match their website's design. The framework uses Sass, a popular CSS preprocessor that allows for easier customization and maintenance of the code.

### **4. Cross-Browser Compatibility**

Bootstrap is designed to work seamlessly across different web browsers, ensuring that your website looks and functions the same way on different browsers. The framework has been tested on all major browsers, including Google Chrome, Mozilla Firefox, Safari, and Microsoft Edge.

## 5. Large Community Support

Bootstrap has a large community of developers who actively contribute to its development and maintenance. This means that any bugs or issues are quickly identified and resolved, and new features and updates are regularly released to improve the framework.

## 6. Pre-Built Components

Bootstrap comes with a large number of pre-built components such as forms, buttons, alerts, modals, and more. These components can be easily customized to fit the design of the website, saving developers time and effort.

## 7. Third-Party Integration

Bootstrap can be easily integrated with third-party tools and frameworks, making it a versatile and flexible choice for web development. For example, Bootstrap can be integrated with Angular, React, and other popular front-end frameworks.

Overall, Bootstrap is a reliable and effective framework for building modern, responsive, and user-friendly websites. Its ease of use, responsiveness, customization options, and large community support make it a popular choice among web developers.

## Chapter – 6

### BOOTSTRAP CLASSES USED FOR WEBSITE

Bootstrap is a popular front-end framework that provides a set of pre-built CSS classes and JavaScript components for web development. In this project, we have utilized several Bootstrap classes to enhance the user interface and user experience of the website.

#### 1. Grid System

Bootstrap's grid system provides a responsive layout that adapts to different screen sizes. We have used the grid system to create a flexible layout for our website that adjusts according to the user's screen size.

#### 2. Navbar

The Bootstrap navbar is a versatile component that provides navigation links, dropdown menus, and responsive behavior. We have used the **navbar** class to create a responsive navigation bar for our website that collapses into a hamburger menu on smaller screens.

#### 3. Carousel

Bootstrap's carousel component provides an easy way to create image sliders or carousels on a webpage. We have used the **carousel** class to create an image carousel on the home page of our website that showcases different images related to the college.

#### 4. Forms

Bootstrap provides pre-built classes for forms, such as **form-control** and **form-group**, that simplify the process of creating forms on a webpage.

## 5. Buttons

Bootstrap's button classes provide pre-styled buttons that can be customized using various color and size classes.

## 6. Cards

Bootstrap's card component provides a versatile way to display content in a panel-like format.

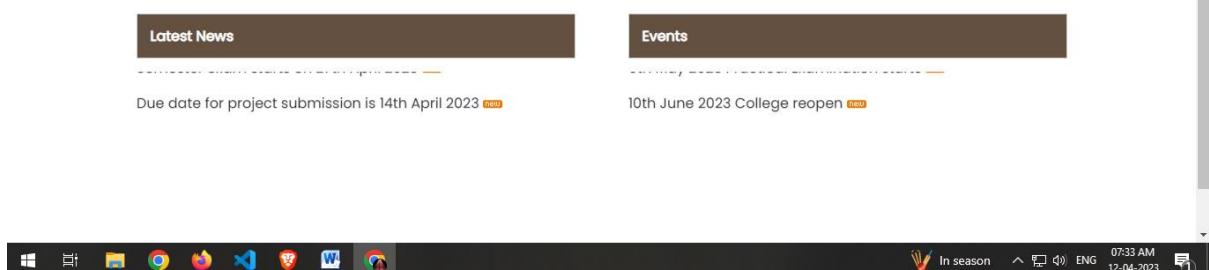
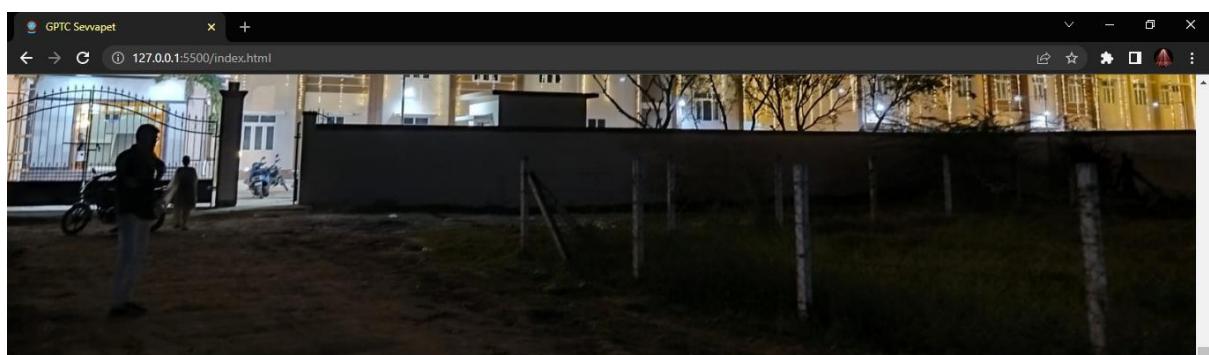
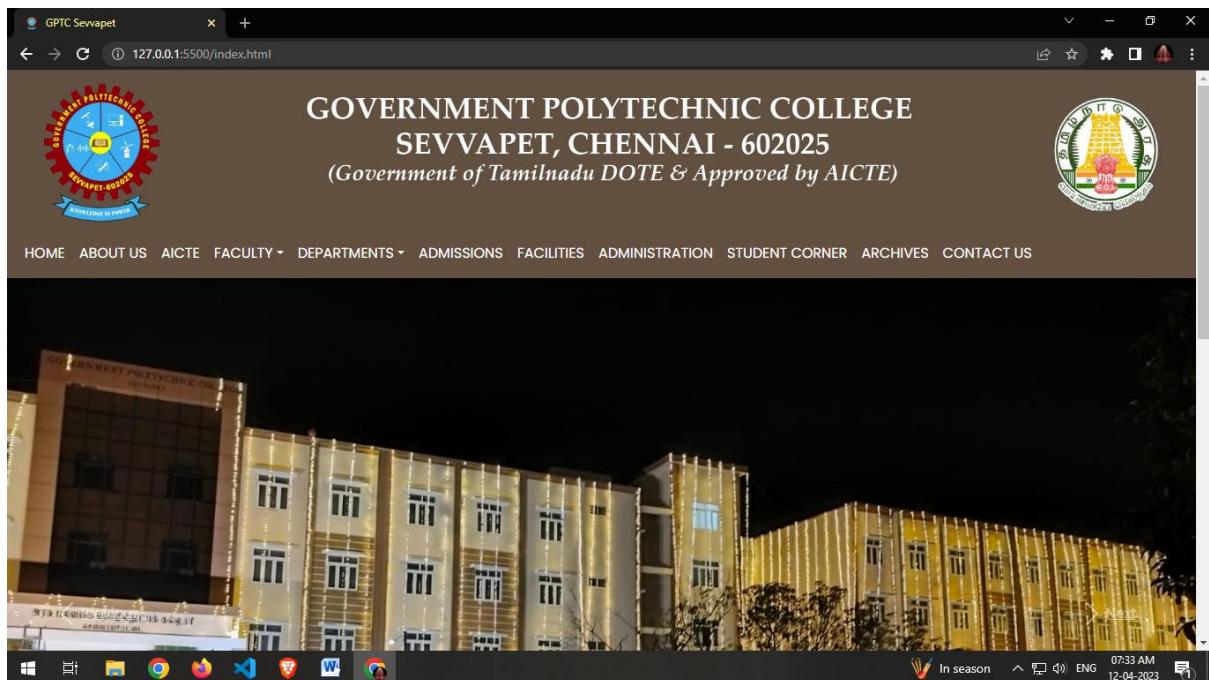
In conclusion, Bootstrap provides a wide range of pre-built classes and components that simplify the process of web development and make it easier to create responsive and visually appealing web pages. We have utilized several Bootstrap classes and components in this project to enhance the user interface and user experience of the website.

## Chapter – 7

### SCREENSHOTS

The screenshots section is an important component of the project report as it provides a visual representation of the website's design and layout. In this section, a collection of screenshots from the website should be presented

#### Screenshots





**Latest News**

- Admission for first year and lateral entry started [new](#)
- Exam fees last date is 14th April 2023 [new](#)
- Semester exam starts on 27th April 2023 [new](#)
- Due date for project submission is 14th April 2023 [new](#)

**Events**

- 13th April 2023 Farewell day for 2020 batch [new](#)
- 16th April 2023 Tail New year [new](#)
- 9th May 2023 Practical Examination starts [new](#)
- 10th June 2023 College reopen [new](#)

Windows taskbar at the bottom: Icons for File Explorer, File, Task View, Start, Taskbar settings, Edge, Google Chrome, Mozilla Firefox, Microsoft Edge, File Explorer, and Google Chrome. System tray shows In season, ENG, 07:33 AM, 12-04-2023, and a battery icon.



**GOVERNMENT POLYTECHNIC COLLEGE  
SEVVAPET, CHENNAI - 602025**  
*(Government of Tamilnadu DOTE & Approved by AICTE)*

HOME ABOUT US AICTE FACULTY ACADEMICS ADMISSIONS FACILITIES ADMINISTRATION STUDENT CORNER ARCHIVES CONTACT US

## History

In 2017, a new government multi-disciplinary technical college has been started in Thiruvallur district's Sevvapet. This college is recognised by the DOTE and AICTE.

## Mission

To offer competency based and environmentally sound Technical Education and Training services to qualified students, and employed adults through diversified courses delivered in a variety of modes using appropriate learning environments to meet the rapidly changing needs of industries, business and the community and individual entrepreneurial requirements.

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## Vision

To be a World Class Institution by imparting Quality Education & Training of International Standards in Engineering and Technology through Continuous Improvement, Team Work, Growth and Innovation.

## Principal's message

The students participation in Co-curricular and Extra-curricular activities have enabled them establish an identity in the society. Change is the sign of life, growth is the sign of development. The vision to develop an academic environment that would foster growth, learning and self-knowledge for the generation of tomorrow would form an important milestone in the portals of Murugappa Polytechnic College. Let's look forward a bright future and continue to do the best, enlightening the life of students.





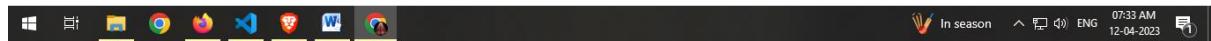
ECE Faculty 127.0.0.1:5500/ece-faculty.html

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HOME ABOUT US AICTE FACULTY ACADEMICS ADMISSIONS FACILITIES ADMINISTRATION STUDENT CORNER ARCHIVES CONTACT US

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Computer Faculty 127.0.0.1:5500/cse-faculty.html

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HOME ABOUT US AICTE FACULTY ACADEMICS ADMISSIONS FACILITIES ADMINISTRATION STUDENT CORNER ARCHIVES CONTACT US

### Department of Computer Engineering

Photo	Name	Designation	Qualification	Contact number	E-mail id
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The screenshot shows the homepage of the Government Polytechnic College website. At the top left is the college's logo with the text "GOVERNMENT POLYTECHNIC COLLEGE SEVVAPET, CHENNAI - 602025" and the subtitle "(Government of Tamilnadu DOTE & Approved by AICTE)". At the top right is the emblem of the Government of Tamil Nadu. Below the header is a navigation menu with links to HOME, ABOUT US, AICTE, FACULTY, ACADEMICS, ADMISSIONS, FACILITIES, ADMINISTRATION, STUDENT CORNER, ARCHIVES, and CONTACT US.

### Department of Civil Engineering

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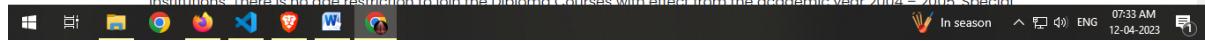
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## ADMISSION

Admission criteria is the same as applicable to other Government / Government aided colleges that conduct the diploma courses which is given here under for reference.

### Admission in Diploma Courses:

candidates who pass X Standard or equivalent examinations with Mathematics and Science subjects are eligible for admission into Polytechnic Colleges and Special Institutions (except for few special courses) whereas candidates who pass XII Standard or equivalent examinations only are eligible for admission into Hotel Management and Catering Technology Institutions. There is no age restriction to join the Diploma Courses with effect from the academic year 2004 – 2005. Special



**GOVERNMENT POLYTECHNIC COLLEGE  
SEVVAPET, CHENNAI - 602025**  
*(Government of Tamilnadu DOTE & Approved by AICTE)*

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Contact us:  
Government polytechnic college,  
Kandankollai,Sevvapet road,  
Sevvapet, Thiruvallur district,  
Chennai - 602025  
e-mail id: [gptcsevvapet@gmail.com](mailto:gptcsevvapet@gmail.com)  
Contact number: [+918989898989](tel:+918989898989)

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Contact number: [+918989898989](tel:+918989898989)

File Edit Selection View Go Run Terminal Help index.html - Project draft 3 Bootstrap - Visual Studio Code

EXPLORER admissions.html index.html

```

PROJECT DRAFT 3 BOOT...
> .vscode
> bootstrap
> faculty_images
> images
> self
> 008-Basic-Linux-Commands.pdf
> about-us.html
> administration.html
> admissions.html
> archives.html
> civil-faculty.html
> civil.html
> contact-us.html
> cse-faculty.html
> cse.html
> ece-faculty.html
> ece.html
> eee-faculty.html
> eee.html
> facilities.html
> index.html
> mech-faculty.html
> mech.html
> studentcorner.html
# style.css

```

index.html

```

159 | </div>
160 | </div>
161 | <a class="carousel-control-prev" href="#carouselExampleIndicators" role="button" data-slide="prev">
162 |   <span class="carousel-control-prev-icon" aria-hidden="true"></span>
163 |   <span class="sr-only">Previous</span>
164 | </a>
165 | <a class="carousel-control-next" href="#carouselExampleIndicators" role="button" data-slide="next">
166 |   <span class="carousel-control-next-icon" aria-hidden="true"></span>
167 |   <span class="sr-only">Next</span>
168 | </a>
169 | </div>
170 | <!-- Ticker -->
171 | <div class="width-100 margin-top-50">
172 |   <div class="container">
173 |     <div class="width-50">
174 |       <div class="latest-news">
175 |         <div class="heading-sect">
176 |           <h3 class="head-title">Latest News</h3>
177 |         </div>
178 |         <marquee direction="up">
179 |           <ul class="latest-news-ul">
180 |             <li> Admission for first year and lateral entry started </li>
181 |             <li> Exam fees last date is 14th April 2023 </li>
182 |             <li> Semester exam starts on 27th April 2023 </li>
183 |             <li> Due date for project submission is 14th April 2023 </li>
184 |           </ul>
185 |         </marquee>
186 |       </div>
187 |     </div>
188 |     <div class="width-50">
189 |       <div class="latest-news">
190 |         <div class="heading-sect">
191 |           <h3 class="head-title">Events</h3>

```

Ln 221, Col 14 Spaces: 2 UTF-8 CRLF HTML ⚡ Port:5500 ⌂ 07:38 AM 26°C Mostly sunny ENG 12-04-2023

## Chapter – 8

### FUTURE SCOPE

The future scope of this website is vast and promising. Here are some potential areas of improvement that could be explored:

#### 1. Integration with Social Media:

In today's digital age, social media has become an essential part of any organization's marketing and communication strategy. Integrating social media platforms such as Facebook, Twitter, LinkedIn, and Instagram into the college website can help to increase engagement with the target audience.

#### 2. E-learning:

With the advent of technology, e-learning has become increasingly popular. Developing a comprehensive e-learning platform within the college website could be a valuable addition. This would allow students to access course materials and lectures online, enabling them to learn from anywhere and at any time.

#### 3. Alumni Network:

Creating a dedicated section for alumni on the college website can help to build a strong network of past students. This can include a directory of alumni, updates on their professional achievements, and opportunities for networking.

#### 4. Online Admission and Application Process:

Integrating an online admission and application process can streamline the process of admission, making it easier for both the college and prospective students. This can include online application forms, payment processing, and tracking of application status.

#### 5. Student Feedback System:

Implementing a student feedback system within the college website can help to improve the quality of education and the overall student experience. This can include an anonymous feedback form, surveys, and polls.

6. Mobile App:

Developing a mobile application for the college can enable students and faculty to access important information and updates on the go. This can include features such as access to class schedules, grades, and academic calendars.

7. Virtual Campus Tour:

Creating a virtual campus tour can help to give prospective students a better idea of what the college has to offer. This can include interactive maps, 360-degree photos, and virtual reality experiences.

8. Multi-language Support:

Adding support for multiple languages can help to make the website more accessible to international students and faculty.

9. Online Career Portal:

Integrating an online career portal within the college website can help students to connect with potential employers and find job opportunities. This can include job listings, resume builders, and career counseling resources.

Overall, the future scope of this website is vast and offers many opportunities for growth and improvement. By continually updating and enhancing the website, the college can create a more engaging and informative platform for its students, faculty, alumni, and other stakeholders.

## Chapter – 9

### CONCLUSION

In conclusion, the development of this college website using Bootstrap framework and HTML/CSS has provided an excellent opportunity to showcase the capabilities of modern web design techniques. The website provides a user-friendly interface that makes it easy for students, faculty, and visitors to navigate and find the information they need.

Bootstrap has played a significant role in the development of this project by providing a responsive design that works seamlessly across different devices and screen sizes. Its robust set of pre-designed CSS styles and JavaScript plugins helped in creating a consistent look and feel throughout the website.

VS Code provided an excellent development environment that enabled efficient coding, debugging, and deployment of the project. Its numerous features like syntax highlighting, auto-completion, and live server helped in speeding up the development process and ensuring the project met its timelines.

The screenshots section provides a visual representation of the website's different modules and features. It demonstrates the website's design and functionality, which has been implemented to meet the college's requirements.

The future scope of this project involves integrating more advanced features like online fee payment, virtual tours, and interactive campus maps. Adding a blog section to the website can also help in engaging the college community and improving the website's SEO. Social media integration can also be implemented to provide better outreach to students and parents.

In conclusion, the development of this college website has been an excellent learning experience, providing an opportunity to implement modern web design techniques and technologies. The website's success in meeting its goals and objectives is a testament to the project team's dedication, hard work, and attention to detail.