

# **Website of Government polytechnic for women ,KADAPA.**

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**DIPLOMA IN COMPUTER ENGINEERING**

**GOVT.POLYTECHNIC FOR WOMEN**

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## **1.INTRODUCTION:**

A user-friendly educational website is the best way to attract more students and their parents, as it allows them to view everything right from their dashboard. The growing significance of website for various organizations is well known. By considering this that we decided to develop a website for the college which contains all the required information about the college.

Our website is used to access the information about the college information. In which you can know about the facilities, faculty courses and sport activities of our college. With the help of this web page you can gain information at any time and at any place. And for more information you can also send email or call for access the details about college. The main agenda of this website is to more informative to user with less span of time and a bit of interactive.

## **2.ABSTRACT:**

We are going to make the college's related website which will provide all information regarding our college. Now it is of vital thing in present scenario of any college where student can get all information before taking admission. This site provides the all information like student can easily get all information regarding their syllabus, especially for the training and placement since it is difficult to get the students informed during the campus so all the students can easily get information.

### **3.Purpose of the website:**

The purpose of the website is to design, publish and maintain a website for our college which consists of all the information regarding the college like facilities available, faculty details, courses offered, training and placement facilities, industry institute interaction, hostel and sports facilities, etc.

The main agenda is to provide appropriate information and latest updates regarding the events and academic programs in "Government polytechnic for women, Kadapa" Website contains web pages that are easy to navigate and at the same time provides sufficient depth and information. The website will be authenticated and provides a safe environment.

### **4.Current and Proposed System:**

#### **4.1.Current System:**

As the existing website is not maintained and the domain has been blocked there is a need for new one.

#### **4.2.Proposal System:**

Initially the college authorities had the feeling of maintaining a comprehensive website for information exchange apart from existing one(static). We used all the possible ways to monitor the data and maintain and format the data requested by the authority. Also to formulated the

text to embed into World Wide Web. The data is about to change all the time so we will update it all the time possible.

### **5.Scope of the project:**

This SRS applies to all the official web applications that are developed to maintain the information online. This is extended to all the domains of the applications.

### **6.Functionalities provided by College Website are as follows:**

- Shows the information and description of the College, Employee.
- Provides the viewing facilities based on various factors, Such as College, Employee, Course, Fees.
- It deals with monitoring the information on various factors.
- Manage the information of College.
- Manage the syllabus courses of different departments.
- Provides the notes for various departments through hyper links ,referring to the other websites in order to get good understanding with less span of time.
- Shows the information of laboratories.
- Shows the information of admission procedure.
- Search Engine Optimization.
- Navigation System.
- Registration.

- Accommodation information.
- Academic calendar.

## **7.Advantages:**

- Easy to navigate
- provide all the comprehensive information about the college.
- Flash items are provided whenever necessary.
- All the nostalgic images are provided in the gallery.
- Increasing the efficiency of information management.
- Decrease time required to access and deliver information.
- This website is that it is accessible to anyone, anywhere, anytime.

## **8.Application domain:**

- This system is aimed at the smooth functioning of the College.
- A user-friendly website where any kind of information about the college is provided on a single click.
- Any kind of information could be provided to the user.
- Timely and up to date information that encourages readers to return to the website.

## **9.REQUIREMENTS**

### **9.1Software Requirements:**

- Browser: Internet Explorer or Mozilla Firefox or Opera.
- Flash player plug-in Database: MYSQL 5.5.13.
- Operating system: Any Windows version/MAC.

### **9.2Hardware Requirements:**

- Processor: Intel Pentium IV or above.
- Ram: 512 MB or more.
- Hard disk :40GB or more.

### **9.3Functional Requirements:**

- The system provides all the information about the college in detail
- The system gives in detail description of our college infrastructure All the information about the faculty and labs are provided in department wise.
- All the necessary information is rendered with proper images and flash slides for better navigation
- Proper information regarding the mode of transport and available means is also included.

## **9.4Non-Functional Requirements:**

- Runs on low performance systems and on any environment.
- Cost effective deployment(When buying out storage space).
- All the languages used to develop the system are Client-side scripting languages which provide dynamic system.

## **10.SYSTEM ANALYSIS:**

### **INTRODUCTION:**

System analysis is the process of gathering and interpreting facts, diagnosing problems and using the information to recommend improvements on the system. System analysis is a problem solving activity that requires intensive communication between the system users and system developers. System analysis or study is an important phase of any system development process. The system is studied to the minutest detail and analyzed. The system analyst plays the role of an interrogator and dwells deep into the working of the present system. The system is viewed as a whole and the inputs to the system are identified. The outputs from the organization are traced through the various processing that the inputs phase through in the organization. A detailed study of these processes must be made by various techniques like Interviews, Questionnaires etc. The data



collected by these sources must be scrutinized to arrive to a conclusion. The conclusion is an understanding of how the system functions. This system is called the existing system. Now, the existing system is subjected to close study and the problem areas are identified. The designer now functions as a problem solver and tries to sort out the difficulties that the enterprise faces. The solutions are given as a proposal. The proposal is then weighed with the existing system analytically and the best one is selected. The proposal is presented to the user for an endorsement by the user. The proposal is reviewed on user request and suitable changes are made. This loop ends as soon as the user is satisfied with the proposal.

## **11. TECHNOLOGIES:**

### **Front end:**

#### **1. HTML:**

HTML is a hypertext markup language which is, in reality, a spinal cord of any website. Any website can't be structured without the knowledge of HTML. If we make our web page only with the help of HTML, then we can't add many of the effective features in a web page, for making a web page more effective we use various platforms such as static and dynamics methods. And here we are using this language to make our web pages more effective as well as interactive for users to understand. And to make our web pages dynamic we are using JavaScript and XML.

## **2.CSS:**

CSS in PHP Stands for (Cascading Style Sheet). Cascading style sheets are used to format the layout of Web pages. They can be used to define way of writing or style, size of various table, and other aspects of Web pages that previously could only be defined in a static page's HTML. The main work of CSS is to separate content of a web document (written in any markup language) that is written using Cascading Style Sheets. There are lots of benefits that one can extract through this like improved content accessibility, better flexibility and moreover, and hence gives a level of control over various presentation characteristics of the document. It also helps in reducing the problems and helps in saving access time. It gives the option of selecting various style schemes and rules according to the necessity.

## **3.JAVASCRIPT:**

JavaScript is the most famous scripting languages of all time. JavaScript is a Scripting Language of World Wide Web. The main usage of JavaScript is to add various Web function, validations, detections, a creation of cookies and so on. JavaScript is the best scripting languages and that is why it is adopted by almost all browsers.

JavaScript is considered the most powerful scripting languages in present use. It is used for the client -side web development. JavaScript is used to make pages more interactive. It is a light-weight programming language and it is

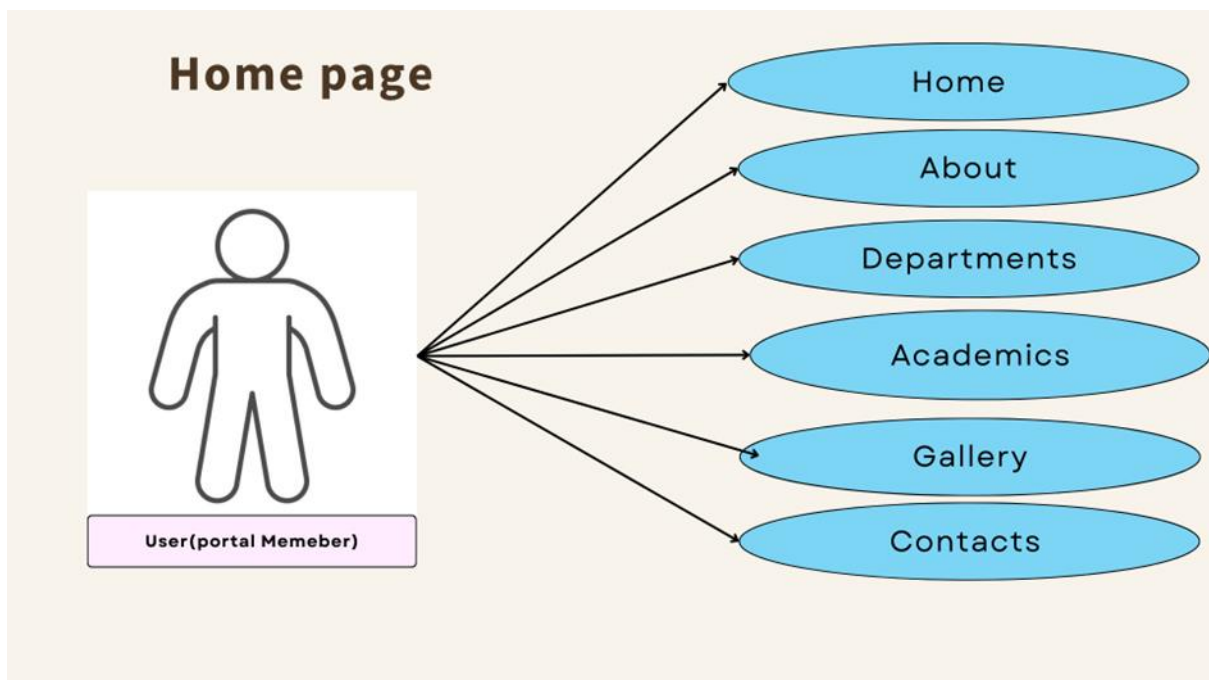
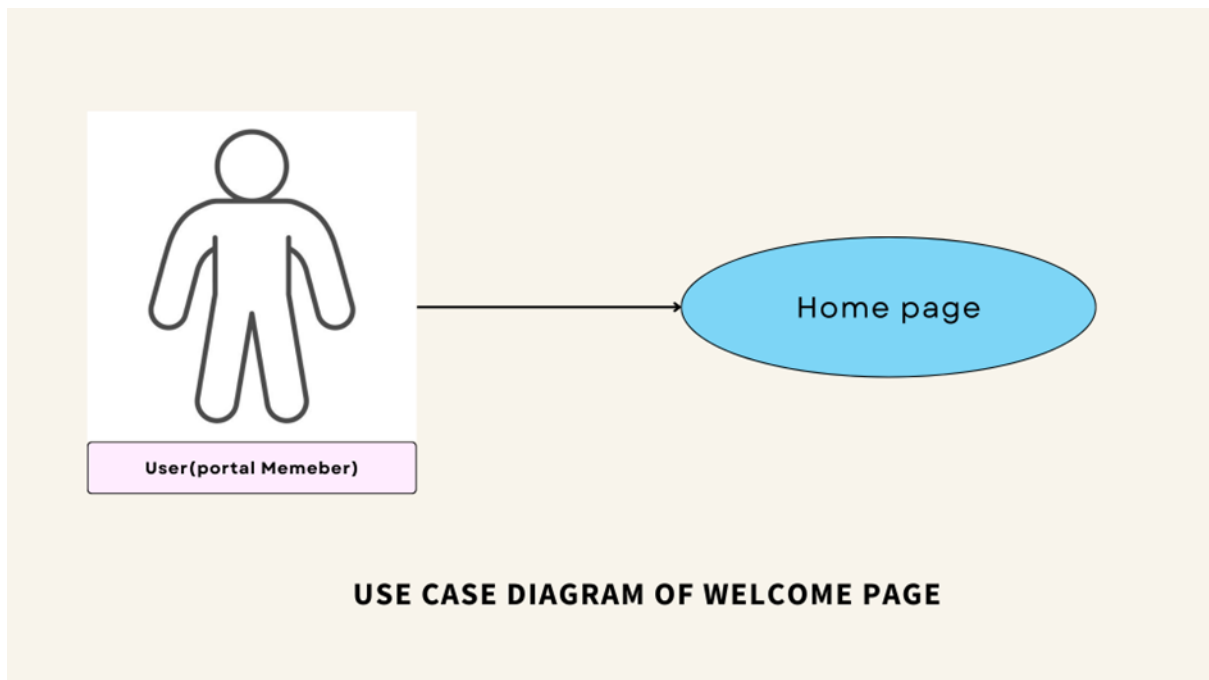
embedded directly into the markup syntax. JavaScript, as the name defines, was affected by many languages, especially Java.

## **Back end:**

### **1.Node:**

Node (or more formally Node.js) is an open-source, cross-platform runtime environment that allows developers to create all kinds of server-side tools and applications in JavaScript. The runtime is intended for use outside of a browser context (i.e. running directly on a computer or server OS).

## 12.UML DIAGRAMS:



### 13.NAVBAR:

#### Home page:

The entire website depends on how the home page is designing which forms the platform for the viewing other web forms. In short , a home page forms the abstract of the entire website. The nav bar contains the Home, About , Departments, Academics, Gallery, Contact.



#### 1.HOME:

This section displays the home page.

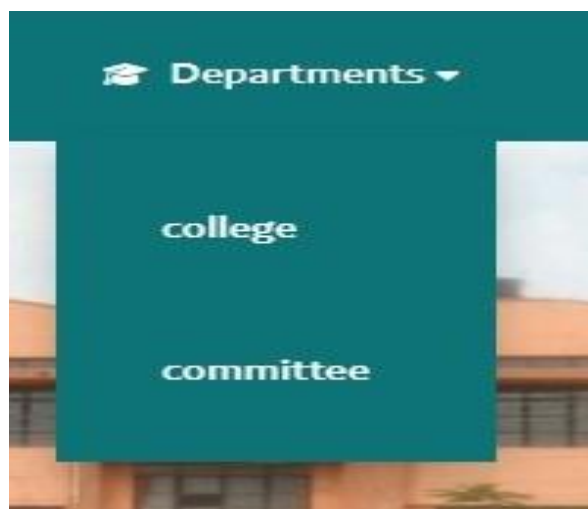
## 2.ABOUT:



It displays the a bit information of “Government polytechnic for women, Kadapa.” And topics mentioned below,

- Commissioner.
- Academic council.
- Finance committee.
- Hallmarks.

## 3.DEPARTMENTS:



### 1.college part:

It displays the information of how many departments are there ,seats available for every year for various departments, working staff and office staff. List of teaching staff names for every departments.

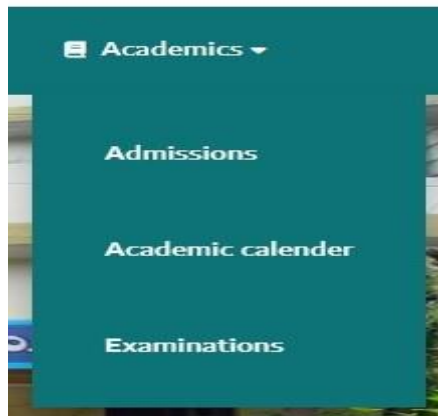
And interesting point is that we are provided some links(as a notes) and that to in an organized way for easy accessing from first year to final year students .

## **2.committies:**

It displays the information of various committee listed below:

- Disciplinary Committee Internal Complaint Committee.
- Grievance Redressal Committee.
- Anti Ragging Committee.
- Students Grievance Cell.
- Proctor's Committee.
- Right to Information Act Committee
- AICTE Committees.
- Games And Sports Committee
- Civil Works Committee.
- Media Committee.
- Cultural Activities And Extra Curricular Activities Committee.
- Student Advisor Committee.
- Student Counselling Committee.

#### **4.ACADEMICS:**



It display the information (from first to final year),about below mention topics:

- Admission.
- Academic calendar.
- Examinations.

#### **5.GALLERY:**

This section displays the photos of college campus, hostel ,cultural and sport activities.

#### **6.CONTACT:**

It display the email and phone number .



## 14.HOMEPAGE:

After the college slides the cards will be displayed.



By clicking on origin & history card you get the information about college establishment details .

By clicking vision & mission card you get to know the main agenda of activities and goals of our college.

By clicking principle message you get to know the activities of college and hostel environment, sports activities, clean and green programs and teach the valuable lessons .

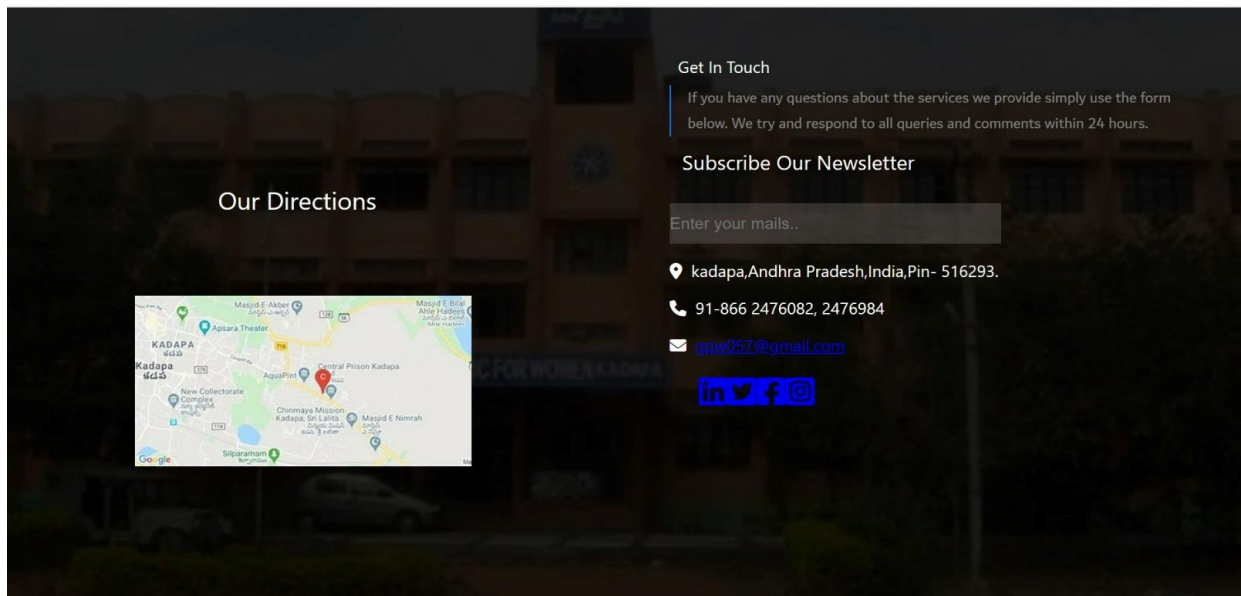
## HYPERLINKS:(left and right nav bars)

MENU	PROGRAM OUTCOMES(POS):-	NOTICE BOARD
<ul style="list-style-type: none"><li>College Outline</li><li>Re-Exam result</li><li>Programs offered</li><li>Facilities</li><li>Regular Activities</li><li>CDTP</li><li>CED</li><li>Right to Information</li><li>Grievance Redressal mechanism</li><li>Student's mentoring and grievance cell</li><li>Anti Ragging Committee</li><li>Women Grievance Committee</li><li>Citizen Character</li><li>Faculty Information</li><li>Industry Institute Cell</li><li>SC-ST Committee</li></ul>	<ol style="list-style-type: none"><li>To produce best Diploma in Computer Engineering technician growing need of the industries in modern topics with the aim giving the technical knowledge for further learning.</li><li>To prepare the students as productive Computer Engineers, possessing supportive and leadership skills in multidisciplinary domains, expertise in Practical orientation, Communication Skills and latest developments</li><li>To give the depth of related skills and expertise in a single field, and the ability to collaborate with other disciplines and work at the Supervisory cadre.</li><li>To promote the students in professionalism, by successful completion of the Diploma in Computer Engineering by emphasizing Field Practices in industry oriented activities.</li><li>To sensitize the students on social and economic commitment and to inculcate a nature to guard the values of community and protect environment.</li><li>Foundation of Computer System: Ability to understand the principles and working of computer systems and can assess the hardware and software aspects of computer systems.</li><li>Foundations of Software development: Ability to understand the structure and development methodologies of software systems. Possess professional skills and knowledge of software design process, Familiarity and practical competence with a broad range of programming language and open source platforms.</li><li>Foundation of mathematical concepts: Ability to apply mathematical methodologies to solve computation task, model real world problem using appropriate data structure and suitable algorithm, methodologies in developing computer related problem</li><li>solutions as well as apply them in establishing new firms in small scale with the help of experience gained as part of industrial training</li><li>Basic and Discipline specific knowledge: Apply knowledge of basic mathematics, science and engineering fundamentals and engineering specialization to solve the engineering problems.</li></ol>	<ul style="list-style-type: none"><li>Photography and Reassessment Schedule for ODD 2022</li><li>Walk-in Interview for the post of Visiting Lecturer in Department of Packaging Technology on 9th Feb 2023</li><li>Academic Calendar 2022 EVEN TERM</li><li>REVISED ONLINE COURSES TIME TABLE 2022 ODD TERM</li><li>2022 ODD TERM END EXAM FINAL TIME TABLE</li><li>TIME TABLE TEE 2022 ODD PROVISIONAL</li><li>Revised Academic Calendar 2022-23(Odd 2023)</li><li>Regarding circular for backlog student submission of exam form after re-examination</li><li>ACADEMIC CALENDAR 2022 ODD TERM-REVISED</li><li>Re-Exam Circular</li><li>Autonomous Free Structure Year 2022-23 for LPOD, RDD, III Year</li><li>Courses and Exam Registration</li></ul>

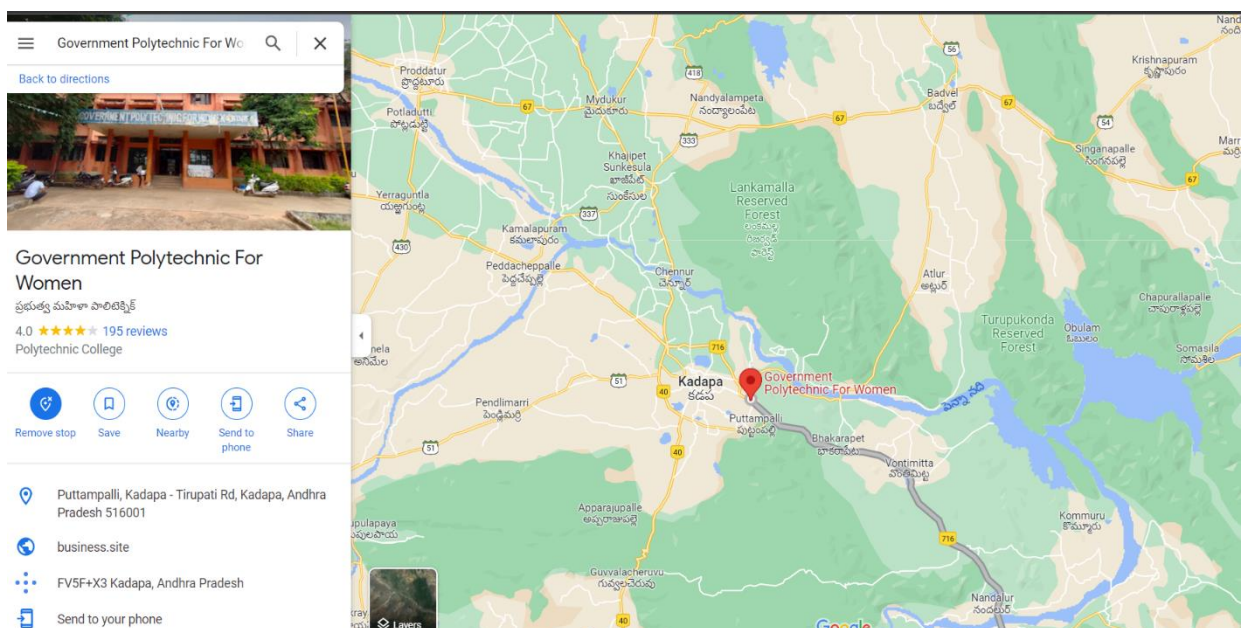
These respective hyperlinks belongs to

- AP SBTET notifications.
- College updates.
- Results notifications.
- AICTE.
- LMS
- Curriculum.
- Timetable.
- Faculty information.
- Right to information.
- Facilities.
- Regular Activities.
- Students mentoring and grievance cell.
- Program Offered.
- Citizen character.
- Important link of results for every semester.

The footer contains the google map and social media platforms related to AP SBTET.



When you click on our directions it displays the location of Government polytechnic for women, Kadapa in google maps.



## **15.Conclusion:**

The main goal of our website is that every student known about the college and its all the facility. Which is very necessary for student that they know about the college's facility, faculty , courses and scholarship.

- It is used to consume the time.
- With the help of this web pages you can access basic information about college.
- Easy to access.