<u>Declaration</u>

I as Dilip Bot and my project group partner Arun Yadav & Nikita Yadav, declare that the project report entitled "College Website" submitted to Chandranagar Polytechnic Institute for consideration of 3th year 1st semester passed in Diploma in Information Technology(DIT) embodies our own work with suggestion during the work, which have been suitably acknowledged.

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Dilip Bot(1700)

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Arun Yadav(1700)

....

Nikita Yadav(1700)

Approval

I certify that this project "College Website " is the original work of the above named candidate and has been done under my supervision. To the best of my knowledge and belief, this work which embodies the work of candidates themselves, has been duly completed, fulfills the requirement of the ordiance relating to the 3rd year 1st Semester of Chandranagar Polytechnic Institute and is up to standard in respect of content, presentation and language for being referred to the examiner. The work has never been submitted anywhere . It's only submitted to Chandrangar Polytechanic Institute.

Project Advisor:

....

Mr. Sushil Kumar Singh   **Mr. Nabin Kumar**

Lecturer   **Principal**

Diploma in Information Technology (DIT)

Chandranagar Polytechanic Institute

Acknowledgements

I would like to express my deepest sense of gratitude to our reverend teacher **MR. Sushil Kumar Singh** Lecturer of Diploma in Information Technology(DIT), of Changranagar Polytechnic Institute.

I greatly say thank you. Wish to express my heart full thanks to all of my honorable teachers of the Diploma in Information Technology (DIT) of Chandranagar Polytechnic Institute.

I sincerely thank you our Head of Department **Mr. Nabin Kumar** for giving us the chance as well as the support for all the time being.

I am thankful to **Mr. Sushil Kumar Singh**, who is having a vast knowledge of **HTML, CSS, DBMS, MYSQL, PHP, & JAVASCRIPT & More**. System Analysis and Design & Programming concepts which are the building block of project.

I also want to express my appreciation to my team mates and friends who help me in one way or another during the course of developing the project. They endured the long hours of my absence during the development of this project.

I deeply express my respect to my parents and my teachers for their blessing and constant inspiration in every step of my education.

Dilip Bot(1700), Arun Yadav(1700) & Nikita (1700)

Diploma in Information Technology(DIT)

Chandranagar Polytechnic Institute

Abstract

This abstract presents a concise overview of a college website aimed at improving communication and accessibility for students, faculty, and stakeholders. The college website serves as a comprehensive online platform that offers diverse functionalities and features to enhance the overall educational experience.

The website's design prioritizes user-friendliness and responsiveness, ensuring seamless access across various devices. Its intuitive interface enables students to access academic resources, course schedules, grades, and assignments with ease. Faculty members can efficiently manage course materials, update syllabi, and communicate with students through interactive features.

The college website acts as a centralized hub for the dissemination of essential information, including admission procedures, campus events, and academic deadlines. It facilitates streamlined communication between administrators, faculty, and students, fostering a collaborative and engaging learning environment.

Furthermore, the website incorporates robust security measures to safeguard sensitive data, ensuring a safe and protected online experience for all users. Continuous feedback mechanisms allow for iterative improvements based on user suggestions and requirements.

The implementation of this college website has proven to be a transformative step in elevating the college's digital presence, making it an indispensable tool for stakeholders to stay connected and informed.

Project Profile

Title	Chandranagar Polytechnic Institute
Description	College websites play a crucial role in modern education by serving as digital gateways to educational institutions. These websites are designed to provide a wealth of information and resources to prospective and current students, faculty, staff, and other stakeholders.
Objective	The objective of a college website is to serve as an all-encompassing digital platform that efficiently and effectively meets the informational, communication, and accessibility needs of students, faculty, staff, and other stakeholders. It aims to provide a user-friendly, responsive, and secure online environment that enhances the educational experience, fosters engagement, and promotes seamless communication within the college community.
Category	**Web Application**
Development Tools	- Operating System: Windows - Front End: HTML,CSS,JAVASCRIPT,JAVA,PHP - Back End: PHP, MYSQL,JAVASCRIPT
Developed At	CPI
Developed By	

Symbol No	Name	Institute
1700	Dilip Bot	CPI, Chandranagar
1700	Arun Yadav	CPI, Chandranagar

	1700	Nikita	CPI, Chandranagar
Guided By			

Internal at CPI	External at CPI
Mr. Sushil Kumar Singh Lecturer	Mr. Nabin Principle

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Chapter 1

1.1. Introduction

Welcome to the world of Chandranagar Polytechnic Institute, where education meets technology to create a seamless platform for students, faculty, and staff alike. College websites serve as the digital front door to educational institutions, offering a virtual space where information, resources, and opportunities converge.

In this digital age, college websites play a pivotal role in shaping the perception of an institution. They are the hub of communication and interaction, providing a window into the campus culture, academic programs, and the vibrant community that thrives within its walls.

college websites are the digital gateways that bridge the gap between the academic world and the digital age. They encapsulate the spirit of education and serve as the ultimate online resource for anyone seeking to explore, learn, and engage with the academic realm of higher education.

1.2. Synopsis

The college website serves as a comprehensive online platform for students, faculty, and visitors. It provides essential information about the college, academic programs, admission procedures, and campus facilities. Additionally, the site features news, events, and updates related to the college community. Users can access resources such as academic calendars, course schedules, and faculty directories. The website also offers a user-friendly interface for submitting applications, accessing grades, and exploring extracurricular opportunities. Overall, it acts as a central hub for all college-related activities and fosters seamless communication and engagement within the college community.

1.3. Aim of the project

The aim of the college website is to provide a user-friendly and comprehensive online platform that facilitates easy access to essential information, resources, and services for students, faculty, and visitors.

1.4. Main purpose

The main purpose of a college website is to provide information and resources for students, faculty, and the public. It typically serves as a central hub for admissions, academic programs, campus events, faculty profiles, resources, and other essential information about the college.

1.5. Features of WEBSITE

Features of our college website Project includes the following :

1. Navigation menu: Allows users to browser different pages on the website easily.

2. Responsive Design: Ensures the website adapts to various devices (e.g., desktops, tablets, Smartphone).

3. Contact form: Allows users to get in touch with the website owner or support team.

5. Social media integration: Links to social media profiles or sharing buttons.

6. Notice section: Regularly updates content to engage users and provide updates of recent notices and news.

7. Feedback: Enables users to leave feedback or reviews about website.

8. Content management system (CMS): Backend system to manage and updates content easily.

9. News and Events: Updates on the latest campus news, events, and achievements keep students, staff, and alumni informed and engaged.

10. Pricing: Anyone can get informed about prices of courses simply just by accessing the website.

11. Map and Location: It makes easier for anyone to find the College and reach the given destination.

1.6. Goals and objective

The goals and objectives of a college website typically include:

1. Providing Information: To offer comprehensive and up-to-date information about the college, its programs, courses, admission requirements, faculty, facilities, and campus life.

2. Communication and Engagement: To facilities communication between prospective students, current students, faculty, staff, and alumni. This may include contact form, chat support, and social media integration.

3. Students Recruitment: To attract and engage potential students by showcasing the college's strengths, achievements, and unique features.

4. Support Services: To offer online resources ans tools that aid students with academic advising, financial aid and other support services.

5. News and Events: To keep the community updates on college events, achievements, and important announcements.

6. User-Friendly Interface: To create a websites that is easy to navigate and accessible across different devices.

7. Showcasing Research and Publications: To highlight faculty research, publications, and academic achievements.

Chapter 2

Modules and Requirements

2.1. Modules description

2.2. Administrative modules

2.3. Admin module

2.4. User module

2.5. Hardware requirements

2.6. Software requirements

2.1. Modules description

A college website typically comprises various modules or sections that provide relevant information and services to students, faculty, parents, and other stakeholders. Below are some common modules found on a college website:

1. Home Page: The main landing page of the website, which provides an overview of the college, its mission, vision, and highlights recent events or achievements.

2. About Us: This section offers detailed information about the college, and other relevant details.

3. Admissions: This module covers details related to the admissions process, admission requirements, application deadlines, and any relevant forms or documents.

4. Campus Life: Information about campus facilities, student organizations, clubs, sports, events, and other extracurricular activities can be found in this section.

5. Faculty & Staff: Provides profiles and contact information of faculty members and staff, highlighting their expertise and qualifications.

6. News & Events: An area to showcase recent news, updates, and upcoming events within the college community.

7. Contact Us: Provides contact information, location details, and interactive maps to help visitors find the college easily.

8. Social Media Integration: Links to the college's official social media profiles for real-time updates and engagement.

2.2. Administrative modules

Administrative modules on a college website are designed to streamline and manage various administrative tasks and processes. These modules often have

restricted access and are intended for authorized personnel, such as college administrators, faculty members, and staff. Here are some essential administrative modules commonly found on a college website:

1. Student Information System (SIS): This module allows administrators to manage student data, including admissions records, enrollment details, course registrations, grades, attendance, and academic performance.

2. Faculty Information System: Similar to SIS, this module enables administrators to maintain faculty records, including personal information, qualifications, course assignments, research activities, and evaluations.

3. Course Management: This module facilitates the creation and management of course catalogs, class schedules, syllabi, and other course-related information.

5. Human Resources (HR) Management: This module helps manage staff and faculty recruitment, payroll processing, leave management, performance evaluations, and employee records.

6. Contact for Admissions Management: This module assists in managing the admissions process, tracking applications, evaluating candidates, and generating admission-related reports.

7. Event Management: Helps plan and organize college events, workshops, seminars, and conferences.

8. Campus Facilities Reservation: Allows authorized personnel to book and manage college facilities like classrooms, auditoriums, and meeting rooms.

2.3. Admin module

The admin module of a college website typically refers to the backend or administrative section of the website that allows authorized personnel, such as college administrators or staff, to manage various aspects of the website and its functionalities. This module is usually password-protected and provides access to features and tools that are not available to regular users or students.

Here are some common functionalities and features you might find in the admin module of a college website:

1. Content Management: A content management system (CMS) that allows administrators to create, edit, and organize content on the website. This includes managing pages, articles, announcements, events, and other relevant information.

2. Course Management: Tools to manage courses offered by the college, including course creation, modification, assignment of instructors, and publishing course materials.

3. Event Management: A calendar system for scheduling and managing college events, workshops, seminars, and other activities.

4. Communication Tools: Internal messaging or email systems to facilitate communication between college administrators and staff members.

5. Reporting and Analytics: Tools to generate reports and analyze data related to various aspects of the college, such as student performance, enrollment statistics, and website traffic.

6. Customization: The ability to customize the website's appearance, layout, and features to align with the college's branding and requirements.

7. Operating Notices: Admin Will be able to add notice, delete notice, modify notice and provide to the user.

7. Login as Admin: Will be able to login as Admin and maintain content.

2.4. User module

The user module of a college website refers to the frontend or the section of the website that is accessible to regular users, such as students, faculty, prospective students, and other visitors. The user module is designed to provide a user-friendly experience and offer various features and functionalities tailored to the needs of different user groups. Here are some common features you might find in the user module of a college website:

1. Home Page: The landing page of the college website that provides an overview of the institution, its mission, and important announcements.

2. Admission Information: Information about the college's admission process, requirements, application deadlines, and procedures for prospective students.

3. Course Catalog: A comprehensive list of courses offered by the college, along with descriptions and details about each course.

4. Faculty Directory: A directory or profile section that showcases the faculty members of the college along with their qualifications and areas of expertise.

5. Events and News: Information about upcoming events, workshops, seminars, and news articles related to the college community.

6. Contact Information: Contact details of various college departments, administrative offices, and support services for easy communication.

7. Online Forms: Various forms such as admission applications, feedback forms, and contact forms to facilitate interactions with the college.

8. Sports and Extracurricular Activities: Details about sports teams, clubs, and other extracurricular activities available to students.

9. Campus Maps: Interactive maps or guides to help users navigate the college campus effectively.

10. Social Media Integration: Links or widgets that connect users to the college's social media profiles for staying updated with the latest news and events.

2.5. Hardware requirements

The hardware requirements for a college website may vary based on factors such as the website's expected traffic, the complexity of the website, the number of concurrent users, and the services offered on the website. Below is a sample table outlining the hardware requirements for a basic college web site:

Hardware Component	Minimum Requirements
Device	Any modern computer, laptop, tablet, or Smartphone.
RAM	At least 2GB RAM and should be 4GB RAM and higher for smooth running
Processor	A standard processor with at least 1 GHz or higher should be sufficient for basic web browsing
Graphics	Integrated graphics are typically enough for displaying websites.

2.6. Software requirements

The software requirements for a college website include various components that are essential for its proper functioning and management. Below is a sample table outlining the software requirements for a basic college web site:

Software Component	Minimum Requirements	Recommended Requirements
Operating System	Android for Android devices, iOS for iPhones and iPads, Windows for PCs, and macOS for Mac computers.	
Web Browser	Chrome, Firefox, Microsoft Edge etc..	
Internet Connection	Minimum 10 Mbps Network Connection and higher for smooth use	
Security Software	It's a good to have security software like antivirus, HTTPS and firewall installed on your device to protect against malicious websites and potential threats.	

Chapter 3

System & Database Design

3.1. System design

3.2. Logical design

3.3. Physical design

3.4. Database design

3.5. Data flow diagram

3.1. System design

The system design of a college website involves the planning and architecture of various components to create a functional and efficient website that meets the needs of the college community. Below is an overview of the key aspects involved in the system design of a college website:

1. Requirements Gathering: Understand the specific requirements of the college website by consulting with stakeholders, including administrators, faculty, students, and IT staff. Identify the primary goals, target audience, desired features, and functionalities.

2. Architecture Design: Determine the overall architecture of the website, including the frontend, backend, and database components. Choose appropriate technologies and frameworks based on the requirements and scalability needs.

3. Frontend Design: Created the user interface and user experience (UI/UX) design for the website. Ensure it is responsive and accessible across various devices and browsers. Use HTML, CSS, and JavaScript to implement the frontend components.

4. Backend Development: Set up the server-side infrastructure to handle requests from the frontend and manage data storage and retrieval. Use programming languages like PHP, JavaScript along with a web server like Apache.

5. Database Design: Design the database schema and relationships to store and manage various types of data, such as student information, courses, events, and content. Use a relational database management system (DBMS) like MySQL.

6. Performance Optimization: Optimize the website's performance by employing techniques like caching, image compression, and content delivery networks (CDNs) to reduce load times.

7. Scalability and Load Testing: Design the system to handle increased traffic and load. Conduct load testing to ensure the website performs well under high user loads.

8. Testing and Quality Assurance: Perform thorough testing of the website to identify and fix bugs, usability issues, and other potential problems before launching.

9. Deployment and Maintenance: Deploy the website on a reliable web hosting platform and monitor its performance. Regularly update the website's software and security patches.

3.2. Logical design

Designing a college website involves careful consideration of various elements to ensure it meets the needs of students, faculty, staff, and visitors. Below is a logical design outline for a college website:

1. Homepage:

➢ Designed with changing background and navigation bar.

2. About Us:

➢ Detailed information about college that how it is providing different courses and facilities

3. Academics:

➢ Comprehensive list of academic programs and courses offered.
➢ Details about each department and faculty.

4. Faculty Resources:

➢ Information of faculties that is being provided here.

5. News and Events:

➢ News related to college update and different notices

6. Admissions:

➢ Students will be able to contact for further process

7. Contact Us:

➢ Contact information, including phone numbers and email addresses.
➢ Interactive contact form for inquiries and feedback.

8. Responsive Design:

➢ Optimize the website for various devices, including desktops, tablets, and smartphones.

9. SEO and Analytics:

➢ Incorporate search engine optimization techniques to improve the website's visibility.
➢ Integrate analytics tools to monitor website traffic and user behavior.

10. Social Media Integration:

➢ Links to the college's official social media profiles for engagement and updates.

11. Footer:

➢ Different useful links and contact information given.

3.3. Physical design

The physical design of a college website refers to its actual layout, visual elements, and user interface. In short, it involves creating a visually appealing, user-friendly, and responsive website that aligns with the college's branding and provides an intuitive navigation experience. The physical design should include:

1. Visual Elements:

➢ Consistent color scheme, fonts, and graphics that reflect the college's brand identity.

➤ High-quality images and videos that showcase the campus, students, and activities.

➤ Clear and legible text with appropriate font sizes and formatting.

2. Responsive Layout:

➤ Design the website to adapt and look good on various devices, including desktops, tablets, and smart phones.

3. User Interface (UI):

➤ Intuitive navigation menu that allows users to easily find information.

➤ Organized content with clear headings and subheadings for easy scanning.

➤ User-friendly forms and interactive elements.

4. Accessibility:

➤ Ensure the website is accessible to all users, including those with disabilities.

➤ Provide alternative text for images and consider other accessibility features.

5. Page Load Speed:

➤ Optimize images and code to ensure fast page loading times.

7. Security:

➤ Implement security measures to protect user data and prevent cyber threats.

8. Search Engine Optimization (SEO):

➤ Apply SEO best practices to improve the website's visibility in search engine results.

9. Social Media Integration:

➤ Include social media buttons for easy sharing and engagement.

10. Consistency:

➤ Maintain a consistent design style throughout the website for a cohesive user experience.

The physical design should be based on the logical design discussed earlier and should be continuously evaluated and improved based on user feedback and changing needs.

3.4. Database design

Designing the database for a college website involves identifying the various entities, their attributes, and the relationships between them.

3.5. Data flow diagram
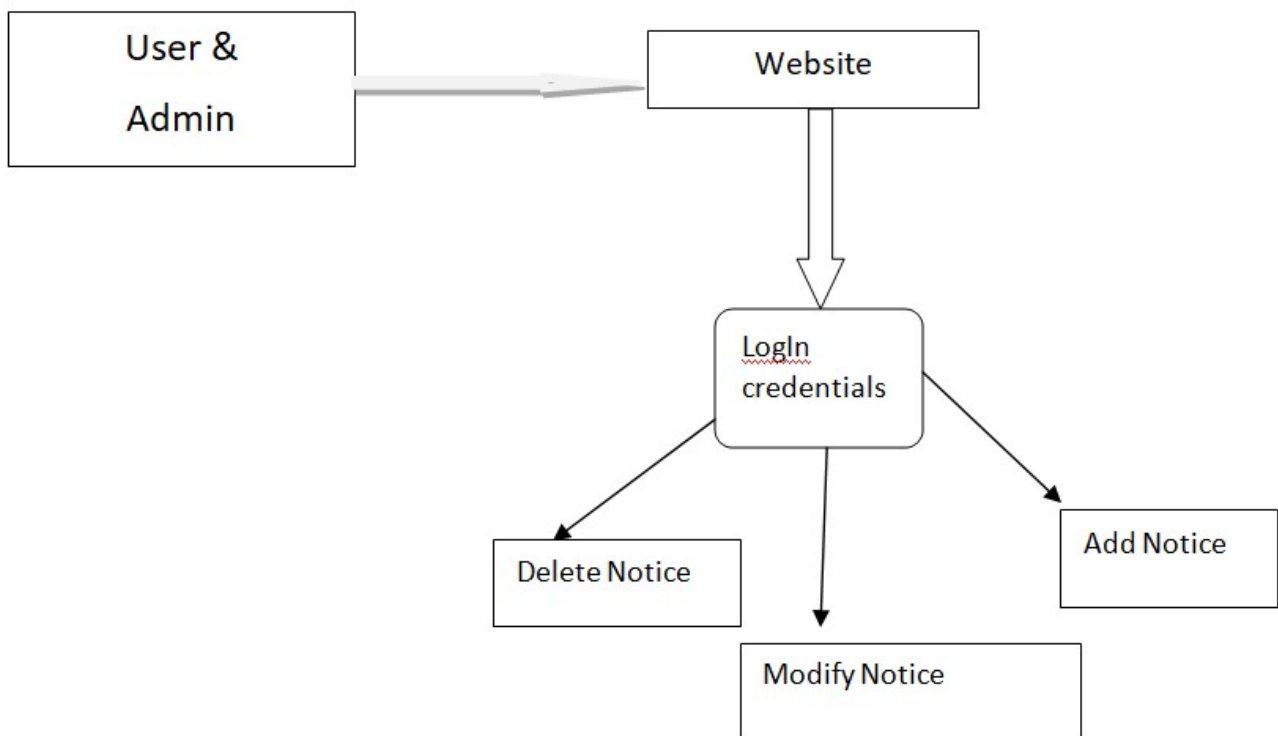
Chapter 4

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3.2. Navigation and Menu Icon on Smartphone

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3.1. Home Page

3.2. Navigation and Menu Icon on Smartphone

When Scrolled down:

When in home page:

Menu Icon:

3.3. Facilities

Our Facilities

	Best Education	**Book & Library**	**Sports**
Certified Teachers			
Certified teachers are highly qualified professionals who have undergone rigorous training and They hold recognized teaching licenses or certifications, indicating that they have met the educational obtained the necessary credentials to teach in their respective subjects and grade levels.	we are renowned for providing the finest education, excelling in nurturing bright minds. With a dedicated faculty and cutting-edge resources, we strive to create a stimulating learning environment. Our commitment to academic excellence empowers students to reach their full potential and prepares them for a successful future.	At our college, we take pride in offering extensive book and library facilities. Our well-stocked library houses a vast collection of academic resources and reference materials to support students' research and studies. With a focus on accessibility and convenience, students can easily access a wide range of books and materials to enhance their learning experience.	Emphasizing a holistic approach to education, our college boasts state-of-the-art sports facilities. From well maintained fields and courts to modern gymnasiums, students have ample opportunities to engage in various sports and physical activities. Our commitment to promoting a healthy and active lifestyle is reflected in our exceptional sports infrastructure.

3.4. Courses Offered by college

Courses We Offer

Information Technology

Information Technology (IT) refers to the use of computers, software, and telecommunications equipment to store, retrieve, transmit, and manipulate data. It encompasses a broad range of technologies and practices that are utilized to process, manage, and disseminate information

Civil Engineering

Civil engineering is a branch of engineering that deals with the design, construction, and maintenance of the physical and naturally built environment. It involves the planning, analysis, and execution of various infrastructure projects that are essential for modern civilization.

3.5. Pricing

₹ **Pricing**

We provide upper courses at very cheap rate than other colleges because we understand how to difficult it is to study for students which has no source of income or belongs to poor family. Everyone needs education, we help to acheive your dream at very cheaper rate enroll now and be connected with us.

Information Technology

₹ **100000**

- ✓ Classes up to 5 Hours
- ✓ Free Books & Notes
- ✓ Free Library
- ✓ Free Form Fill-up
- ✓ Free Labs & practicals
- ✓ Community access
- ✓ Monthly status reports
- ✓ Class Test & Monthly Test

Scholarship
Civil & I.T

₹ 0

- ✓ Classes up to 5 Hours
- ✓ Free Books & Notes
- ✓ Free Library
- ✓ Free Form Fill-up
- ✓ Free Labs & practicals
- ✓ Community access
- ✓ Monthly status reports
- ✓ Class Test & Monthly Test

Civil Engineering

₹ **125000**

- ✓ Classes up to 5 Hours
- ✓ Free Books & Notes
- ✓ Free Library
- ✓ Free Form Fill-up
- ✓ Free Labs & practicals
- ✓ Community access
- ✓ Monthly status reports
- ✓ Class Test & Monthly Test

3.6. Certified Teachers

Certified Teachers

Certified teachers are highly qualified professionals who have undergone rigorous training and obtained the necessary credentials to teach in their respective subjects and grade levels. They hold recognized teaching licenses, indicating that they have met the educational, ethical, and professional standards.

Er.Sushil Singh
B.C.A , M.C.A
Experience: 5 years
Information Technology

Er.Nabin Mahato
B.E in Computer
Experience: 5 years
Information Technology

Er.Yugalkishor Mahato
B.E in Civil
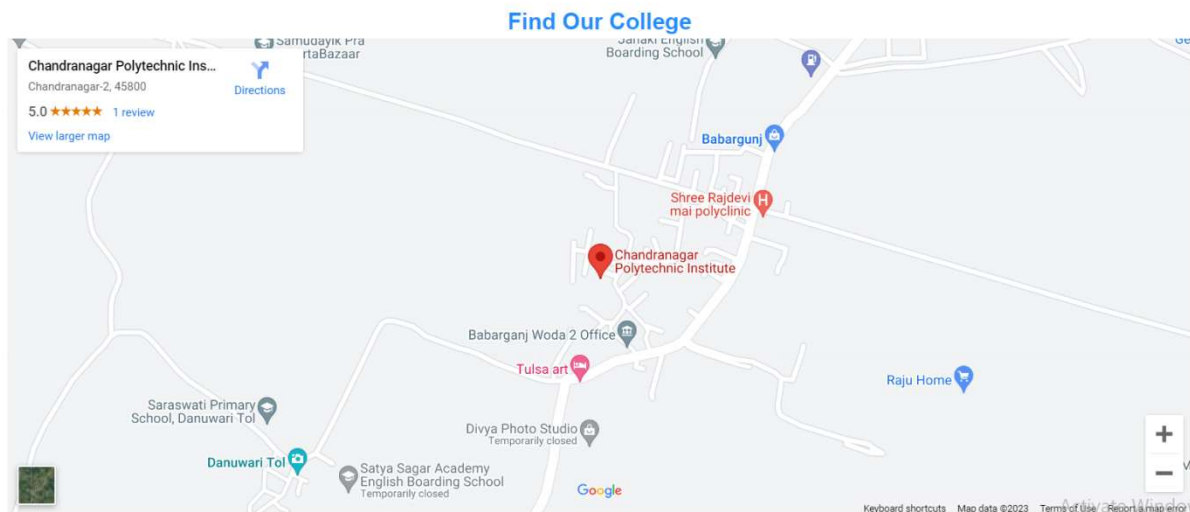Experience: 8 years
Civil Engineering

Er.Vivek Jha
B.C.A
Experience: 5 years
Information Technology

3.7. Map

Find Our College

Chandranagar Polytechnic Ins...
Chandranagar-2, 45800
5.0 ★★★★★   1 review
Directions
View larger map

Chandranagar Polytechnic Institute

3.8. About us

About Us

Education is the best way to gain knowledge and improve your skills.

Chandrangar Polytechnic Institute College offers cutting-edge technical education and hands-on learning experiences for aspiring engineers and technologists. Information Technology (IT) refers to the use of computers, software, and telecommunications equipment to store, retrieve, transmit, and manipulate data. Civil engineering is a branch of engineering that deals with the design, construction, and maintenance of the physical and naturally built environment. Chandrangar Polytechnic Institute College offers cutting-edge technical education and hands-on learning experiences for aspiring engineers and technologists.Chandrangar Polytechnic Institute College offers cutting-edge technical education and hands-on learning experiences for aspiring engineers and technologists. Chandrangar Polytechnic Institute College offers cutting-edge technical education
Chandrangar Polytechnic Institute College offers cutting-edge technical education Chandrangar Polytechnic Institute College offers cutting-edge technical education Chandrangar Polytechnic Institute College offers cutting-edge technical education

3.9. Contact Us

Contact Me!

Full Name	Email Address

Mobile Number	Email Subject

Your Message

Submit

3.10. Footer

College

Chandrangar Polytechnic Institute College offers cutting-edge technical education and hands-on learning experiences for aspiring engineers and technologists.

Get Help

📞 +977980000000

✉ arun213567@gmail.com

📍 Chandranagar-2,Babarganj

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📖 Courses

₹ Pricing

📋 Notices

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Go to Setting