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# User Manual

for

# ProInfo Central

Version 1.0

Prepared by

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Revisions

Version	Primary Author(s)	Description of Version	Date Completed
Version 1	Error 404: team not found	Initiated the document and added all necessary details. Completed all sections.	01/04/2024

# 1 Purpose

The purpose of our project, Prof Info Central, is to address a common challenge faced by students at IITK (Indian Institute of Technology Kanpur) - the difficulty in finding suitable projects under professors. In academic settings, students often aspire to engage in research projects or collaborations with professors to enhance their learning experience, build practical skills, and explore areas of interest. However, the process of identifying available projects, understanding professors' fields of expertise, and initiating communication can be time-consuming and inefficient.

Prof Info Central aims to streamline this process by providing a centralized platform where students can easily access comprehensive information about professors, their fields of interest, and available projects. By consolidating this information into one accessible platform, we aim to empower students to make informed decisions regarding their academic and research pursuits. Moreover, by facilitating direct communication between students and professors through the platform, we intend to foster greater collaboration and engagement within the academic community.

Furthermore, Prof Info Central benefits not only students but also professors. It offers professors a platform to showcase their expertise, list available projects, and connect with motivated students. By enhancing visibility and accessibility, the platform encourages greater participation from both students and professors in collaborative projects, leading to enriched learning experiences and meaningful contributions to academic research.

Overall, the purpose of Prof Info Central is to bridge the gap between students seeking projects and professors offering opportunities, thereby fostering a dynamic and productive academic environment conducive to innovation, collaboration, and knowledge exchange. Through this initiative, we aspire to facilitate the seamless integration of theoretical knowledge with practical applications, ultimately contributing to the holistic development and academic success of students at IITK.

## 2 Audience

This document is intended for users of Prof Info Central, primarily students and professors affiliated with IITK (Indian Institute of Technology Kanpur). It serves as a comprehensive guide to navigating and utilizing the features and functionalities of the Prof Info Central platform. The document is designed to provide step-by-step instructions, explanations, and troubleshooting tips to facilitate an efficient and effective user experience for both students and professors.

This Document is Meant for:

### 1. Students:

- Undergraduate and postgraduate students seeking research opportunities, internships, or projects under professors at IITK.
- Students interested in exploring specific fields of study, gaining practical experience, or building connections with faculty members.

### 2. Professors:

- Academic faculty members and researchers at IITK who wish to offer research projects, mentor students, or collaborate with fellow faculty members.
- Professors interested in enhancing their visibility, attracting motivated students, and managing project requests efficiently through the Prof Info Central platform.

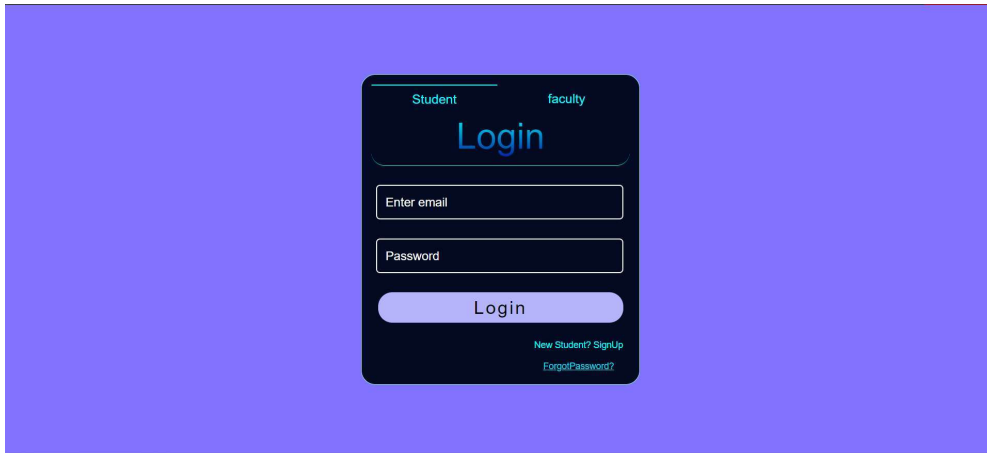
By tailoring the document to the specific needs of students and professors, we aim to provide a clear and concise resource that empowers users to leverage the full potential of Prof Info Central for their academic and research pursuits at IITK.

### 3 Getting Started

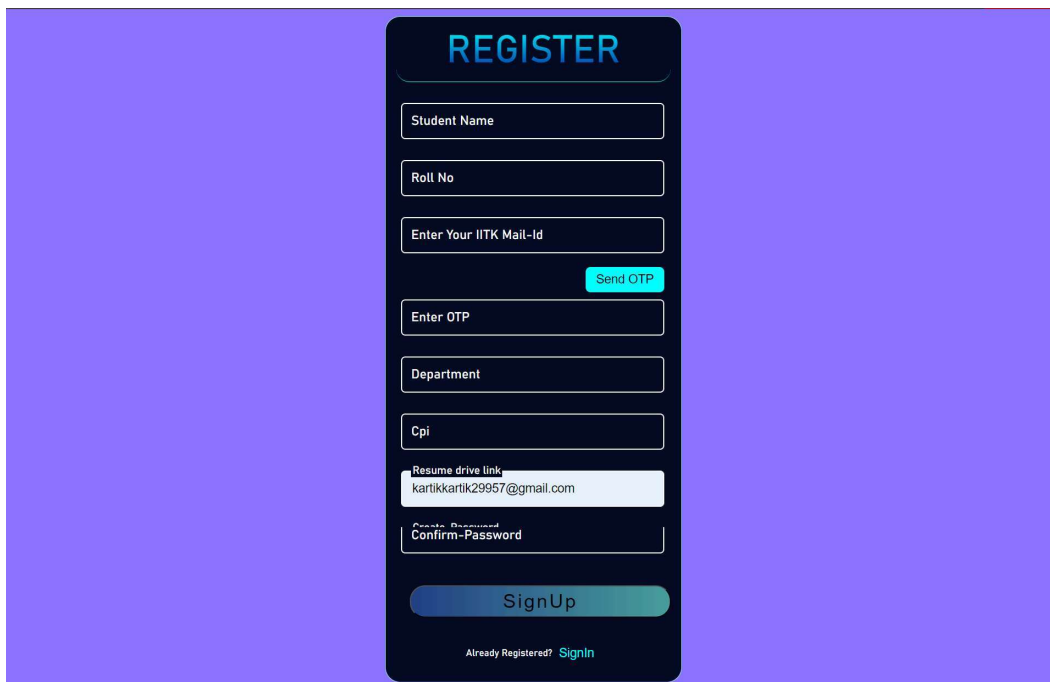
To start using Prof Info Central, visit the website [insert website link] and Register.

In order to register as a student, follow the given steps :

1. Visit the website. The Login Page will be opened. Click on the “SignUp” button.

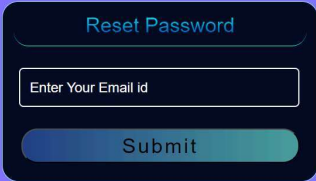


2. Once you click “SignUp” the button, the SignUp Page will be opened. Fill in the required information to create an account. Click on the “SignUp” button. Your Account will be created.



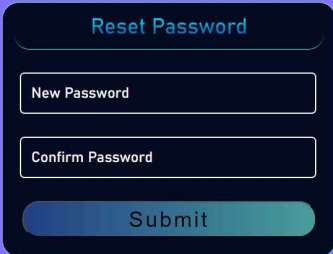
3. Once the account is created, you can Login using the Login Page.

If you are registered as a student and forgot the password, the website provides you the option to reset your password by clicking on the “ForgotPassword” option. Once you click on this option, the following page opens :



The image shows a web form titled "Reset Password" centered on a solid blue background. The form is a dark gray rounded rectangle. It contains a text input field with the placeholder text "Enter Your Email id" and a green "Submit" button below it.

Enter your registered email id. The Reset Password link will be sent to you on the registered email id. Once you click on the link, the following page opens :



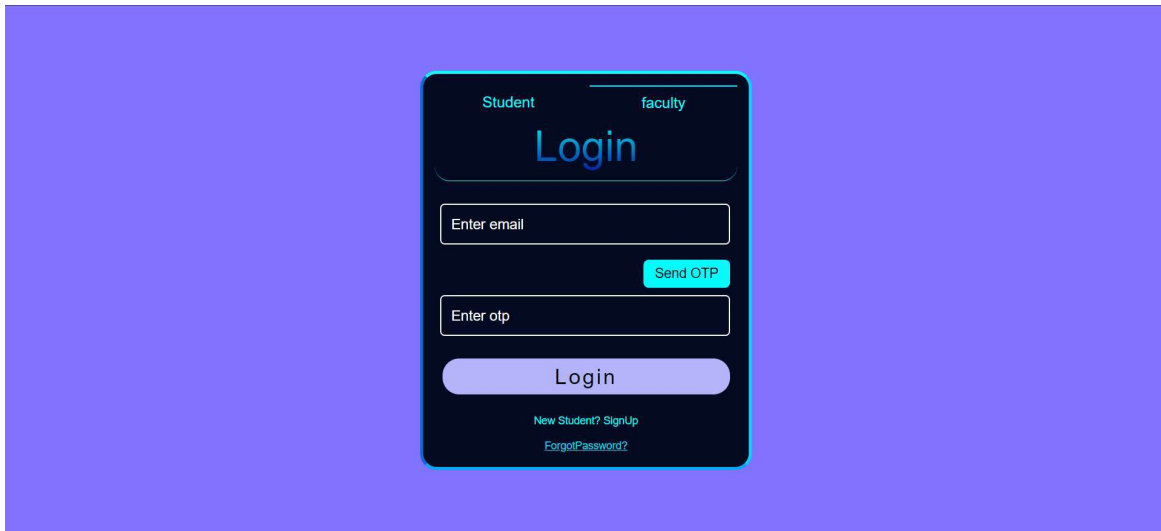
The image shows a web form titled "Reset Password" centered on a solid blue background. The form is a dark gray rounded rectangle. It contains two text input fields: "New Password" and "Confirm Password", followed by a green "Submit" button.

Enter the New Password and enter the same password in the “Confirm Password” box. Once you click on the “Submit” Button, the password is changed successfully.

In order to register as a professor, you have to contact the developer team to add your mail id on the professors database.

Once they register the email id on the database, you can login using the mail id by following the given steps :

1. Enter the registered Email.



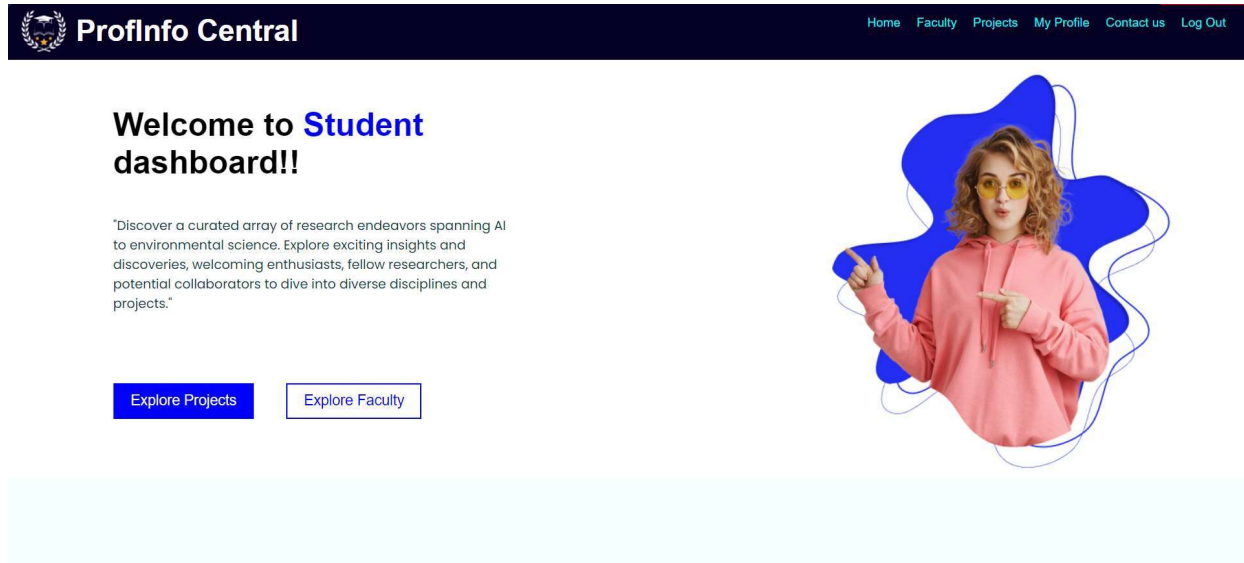
2. Click on the “Send OTP” button.
3. Enter the OTP received on the registered Email.

Once you successfully login as the professor by following the above steps, the Professor Home Page will appear on the screen.

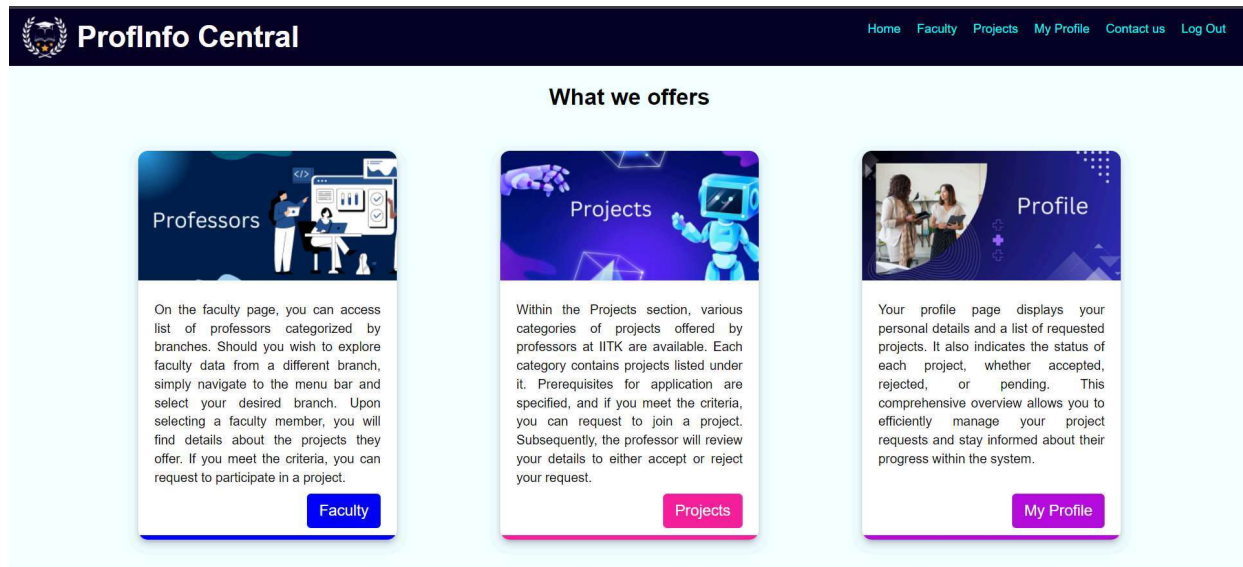


## 4 Student

Once you Login as a student, the Student Home Page appears on the screen.



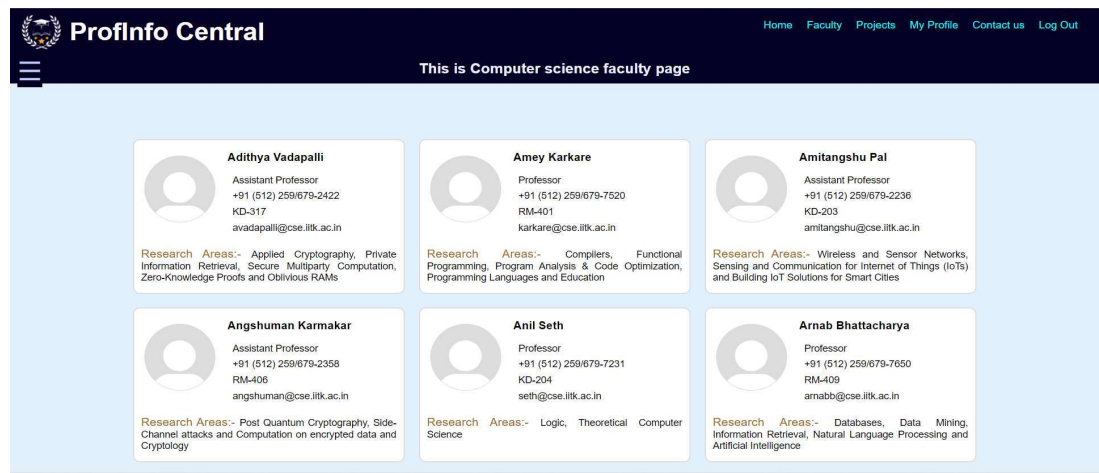
Scrolling further, you can find out the major attractions of our website :



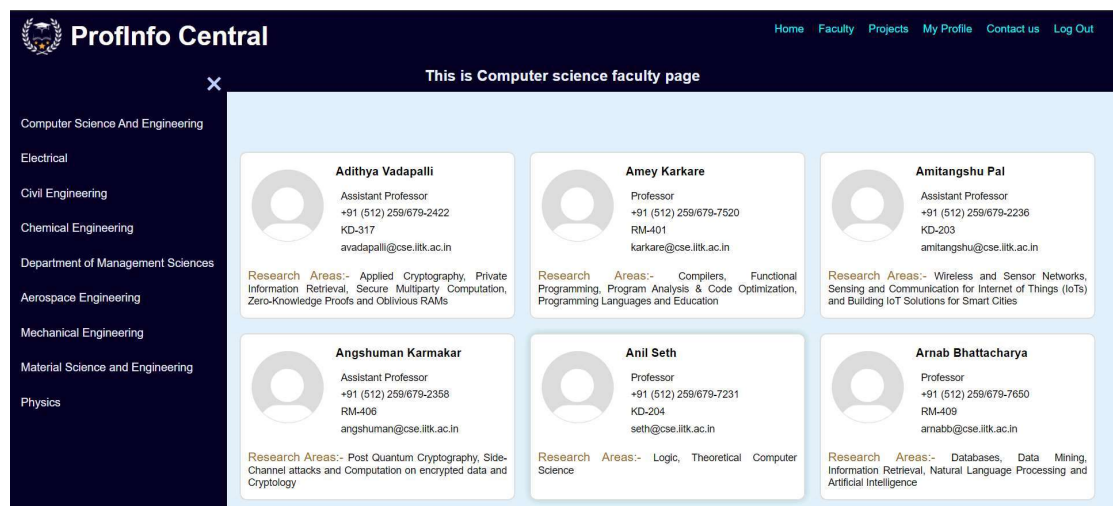
You can see the following options on the Home Page :

## 1. Faculty :

- a. The Faculty Page lists out all the faculties of a respective Department.



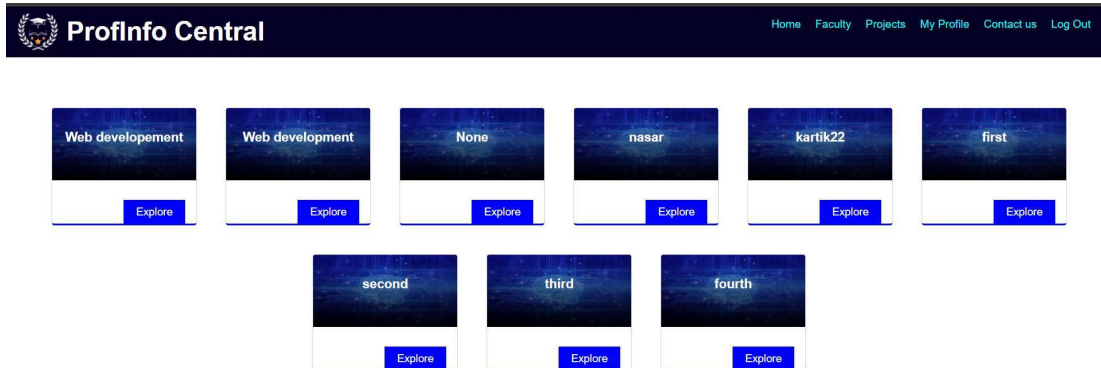
- b. You can select the respective department by clicking on the three lines present at the corner of the screen.



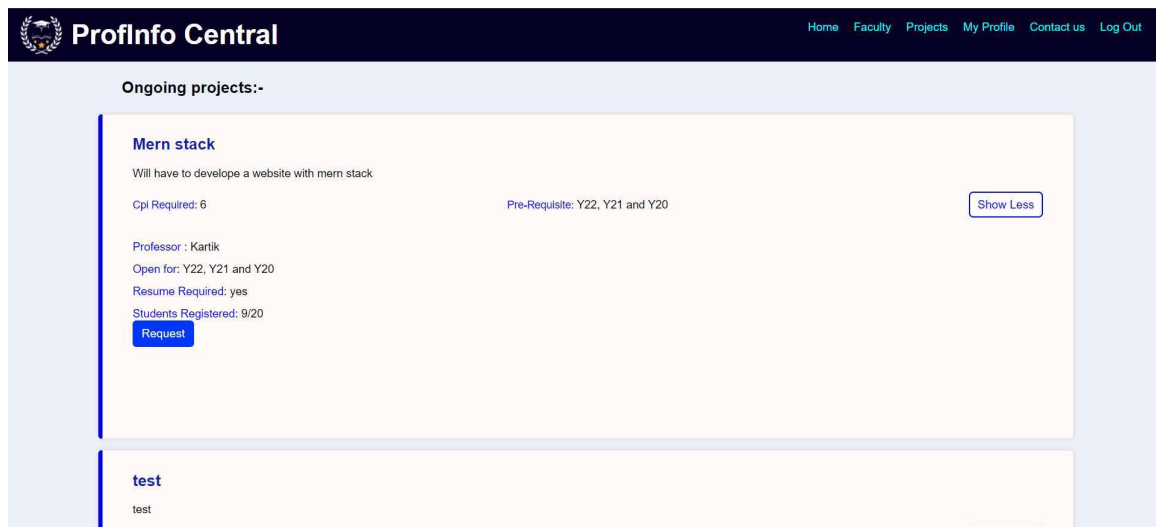
- c. The Faculty Info can be accessed by the “Faculty” button available under the “What We Offer” Page.

## 2. Projects :

- a. Projects Page lists out all the Project Divisions currently offered by the professors.



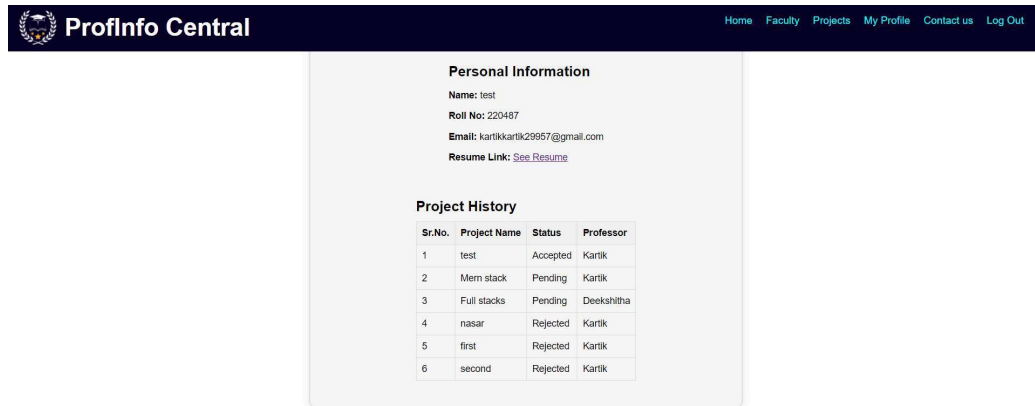
- b. Once you click on the “Explore” option, you can see all the projects under the specific division. You can know more about a specific project by clicking on the “Show More” option. Click on the “Request” option in order to request for a specific project.



- c. The Projects Page can be accessed by the “Projects” button available under the “What We Offer” Page.

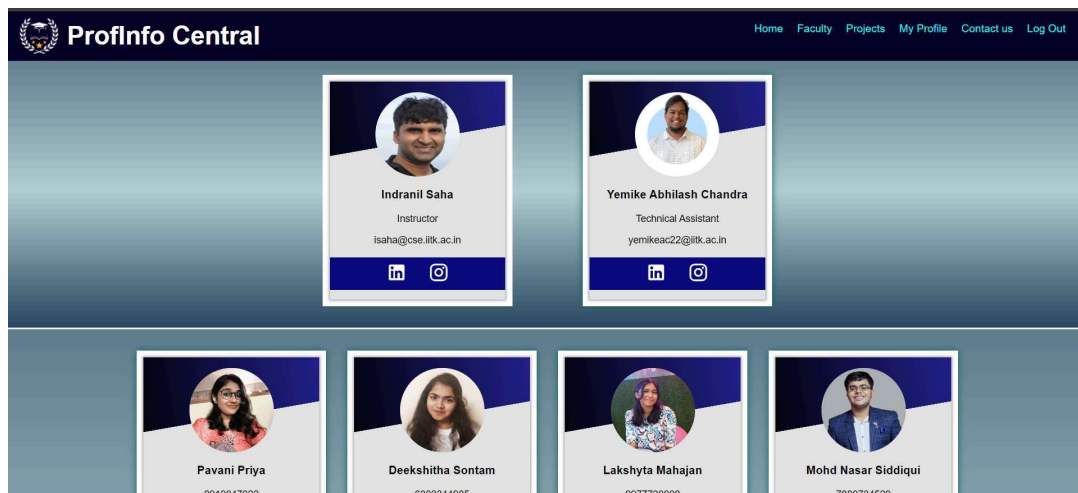
### 3. My Profile :

- a. All your information along with the project History is visible on the Profile Page option.



- b. The Profile Page can be accessed by the “My Profile” button available under the “What We Offer” Page.

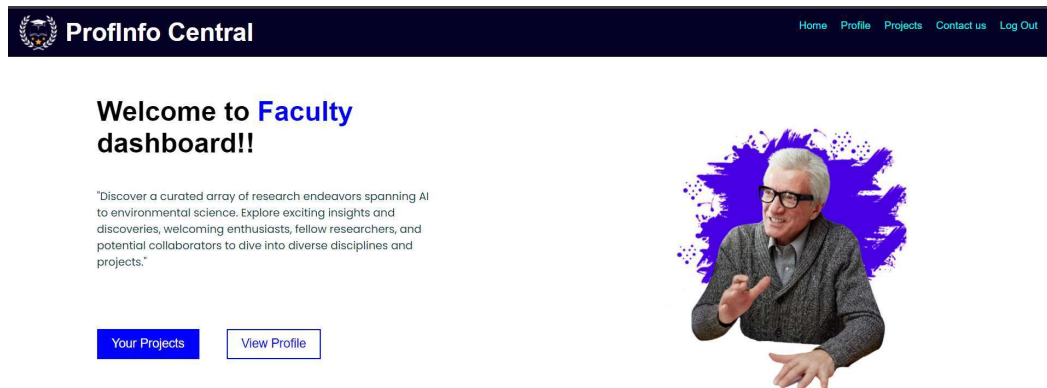
**4. Contact Us :** You can access the Contact Info of the Developers of the Website via this Page. For any technical issues or difficulties in using the platform or further inquiries or assistance, feel free to contact us via the info provided.



**5. Log Out :** Once done using the Website, you can Logout using this Button. Clicking on this button Log you out of your account and bring you back on the Login Page.

## 5 Professor

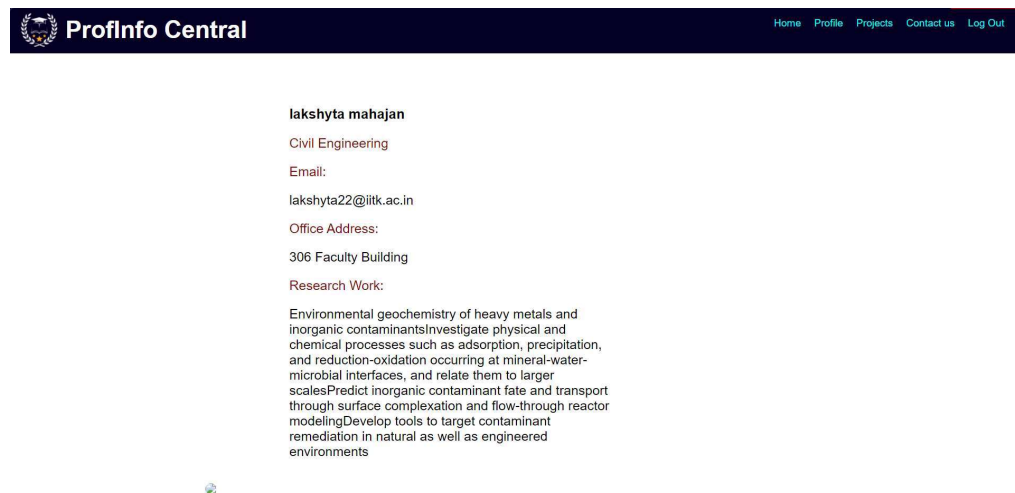
Once you Login as a professor, the Professor Home Page appears on the screen.



You can see the following options on the Home Page :

### 1. Profile :

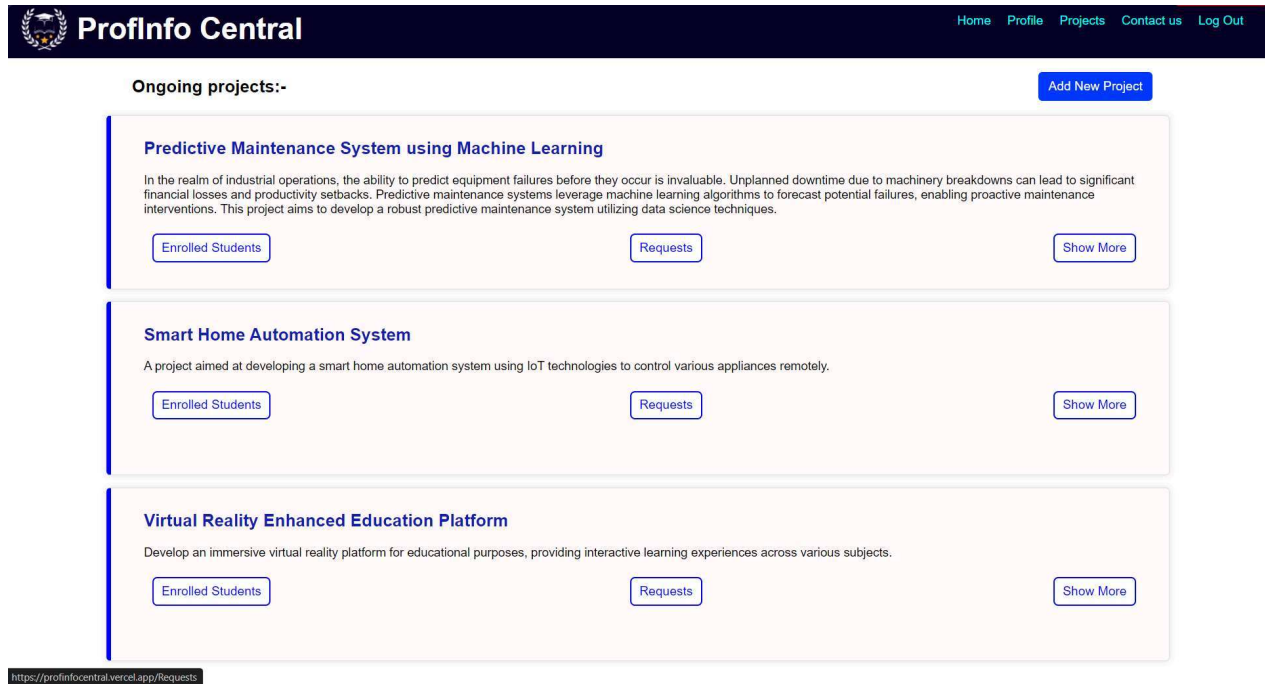
- a. All your information can be accessed using the Profile page.



- b. You can access the profile page by clicking on the “View Profile” option available on the Home Page.

## 2. Project :

- a. All your offered projects can be accessed from the Projects option.



**ProfInfo Central** Home Profile Projects Contact us Log Out

**Ongoing projects:-** Add New Project

**Predictive Maintenance System using Machine Learning**  
In the realm of industrial operations, the ability to predict equipment failures before they occur is invaluable. Unplanned downtime due to machinery breakdowns can lead to significant financial losses and productivity setbacks. Predictive maintenance systems leverage machine learning algorithms to forecast potential failures, enabling proactive maintenance interventions. This project aims to develop a robust predictive maintenance system utilizing data science techniques.

Enrolled Students Requests Show More

**Smart Home Automation System**  
A project aimed at developing a smart home automation system using IoT technologies to control various appliances remotely.

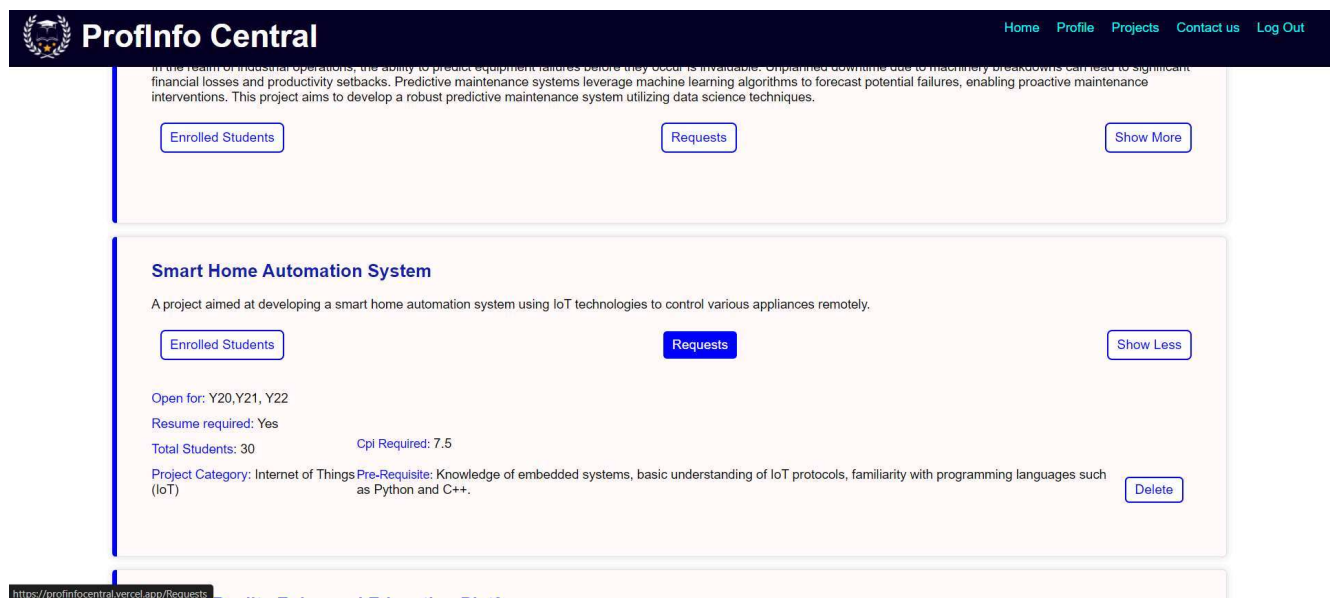
Enrolled Students Requests Show More

**Virtual Reality Enhanced Education Platform**  
Develop an immersive virtual reality platform for educational purposes, providing interactive learning experiences across various subjects.

Enrolled Students Requests Show More

<https://profinfocentral.vercel.app/Requests>

- b. You can access the details of a specific project by clicking on the “Show More” button.



**ProfInfo Central** Home Profile Projects Contact us Log Out

**Smart Home Automation System**  
A project aimed at developing a smart home automation system using IoT technologies to control various appliances remotely.

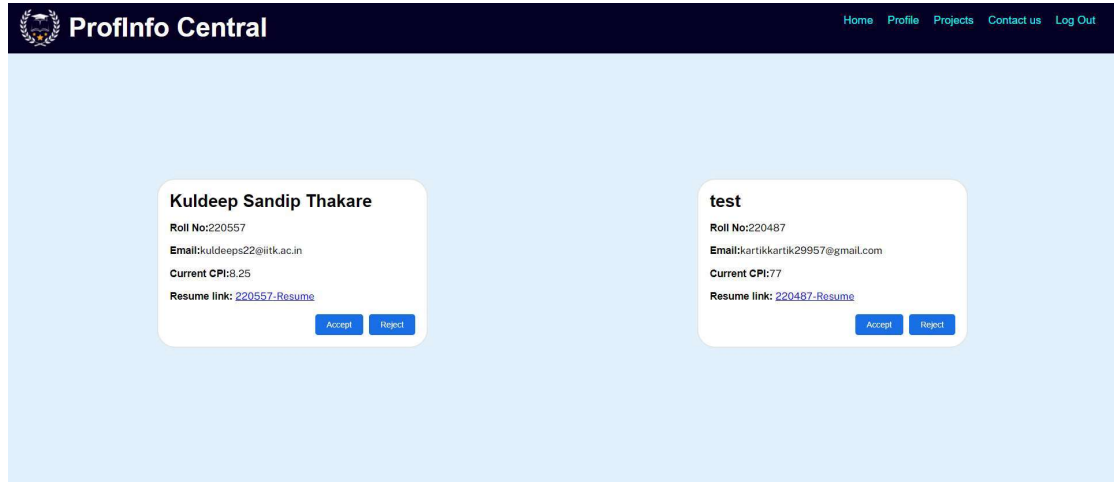
Enrolled Students Requests Show Less

Open for: Y20, Y21, Y22  
Resume required: Yes  
Total Students: 30 Cpi Required: 7.5  
Project Category: Internet of Things  
Pre-Requirement: Knowledge of embedded systems, basic understanding of IoT protocols, familiarity with programming languages such as Python and C++.

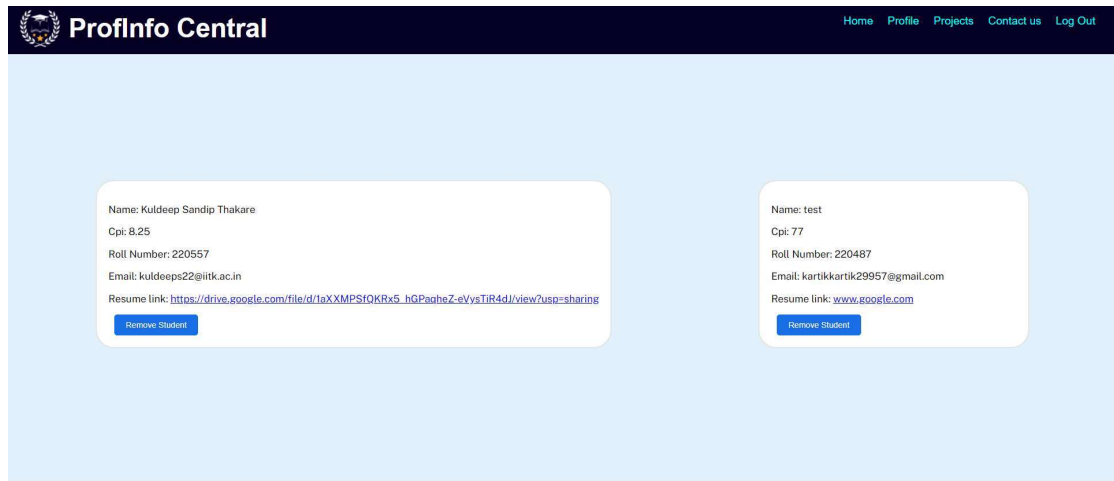
Delete

<https://profinfocentral.vercel.app/Requests>

- c. The Requests for a specific project can be accessed by clicking on the “Requests” button.



- d. You can Accept or Reject the Requests of the students by clicking on the “Accept” or “Reject” button.
- e. The List of all the enrolled students can be accessed from the “Enrolled Students” option.



- f. You can remove an added student by going to the “Enrolled Students” option of a specific project and then click on “Remove Student” for the specific student.

- g. You can delete an ongoing project by clicking on the "Show More" button then "Delete" button for that project.

The screenshot shows the 'ProfInfo Central' website with a dark blue header containing navigation links: Home, Profile, Projects, Contact us, and Log Out. The main content area displays two project cards. The first card, 'Predictive Maintenance System using Machine Learning', includes a description, an 'Enrolled Students' button, a 'Requests' button, and a 'Show More' button. The second card, 'Smart Home Automation System', includes a description, an 'Enrolled Students' button, a 'Requests' button, a 'Show Less' button, and a 'Delete' button. Below the description of the second project, there are details: 'Open for: Y20, Y21, Y22', 'Resume required: Yes', 'Total Students: 30', 'Cpi Required: 7.5', and 'Project Category: Internet of Things'. A 'Pre-Requirement' section lists: 'Knowledge of embedded systems, basic understanding of IoT protocols, familiarity with programming languages such as Python and C++'.

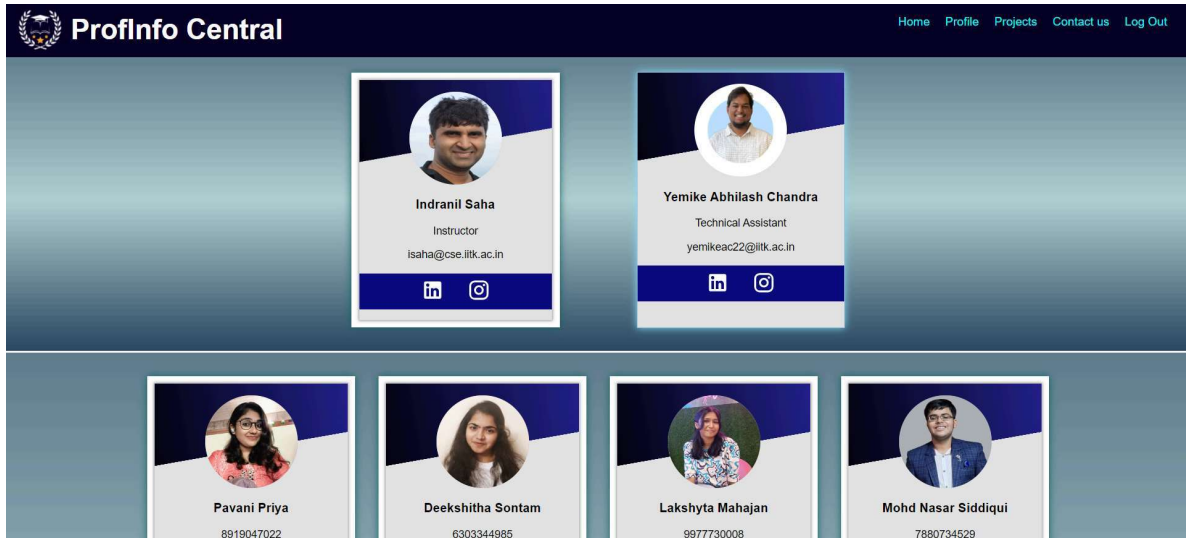
- h. Click on the "Add New Project" option in order to add a new Project. Fill in the required details and click on the save button.

The screenshot shows the 'Add New Project' form in the 'ProfInfo Central' website. The form is titled 'Project Name:' and has a text input field. Below it is the 'Description:' field, followed by 'Minimum Cpi:' and 'Prerequisites:' fields, each with a text input. The 'Open For:' field has a dropdown menu with 'Batches' selected. The 'Category:' field has a text input with 'e.g. Machine Learning' as a placeholder. The 'Resume:' field has a dropdown menu with 'Yes' selected. The 'Total Students' field has a text input. At the bottom of the form are two buttons: 'Cancel' and 'Save'.

- i. You can access the Projects page by clicking on the "Your Projects" option available on the Home Page.



3. **Contact Us** : You can access the Contact Info of the Developers of the Website via this Page. For any technical issues or difficulties in using the platform or further inquiries or assistance, feel free to contact us via the info provided.



4. **Log Out** : Once done using the Website, you can Logout using this Button. Clicking on this button Log you out of your account and bring you back on the Login Page.