***Final Project Report***

***On­­­***

**CUCHD Faculties (Website)**

**Submitted for the requirement of**

**Project course**

BACHELOR OF ENGINEERING

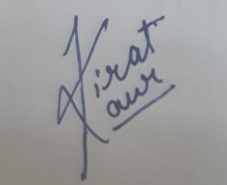
**COMPUTER SCIENCE & ENGINEERING**

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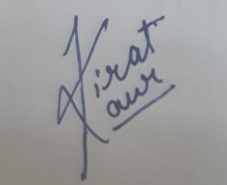
**CHANDIGARH UNIVERSITY, GHARUAN**

**June 2022**



## BONAFIDE CERTIFICATE

Certified that this project report **“\_ CUCHD Faculties [website] ”** is the bonafide work of “ **Darshan, Sayan Sarkar,** and  **Vaibhav Bisht”** who carried out the project work under my/our supervision.



**SIGNATURE SIGNATURE**

**SUPERVISOR HEAD OF THE DEPARTMENT**

Submitted for the project viva-voce examination held on \_\_\_\_\_\_\_\_\_\_\_

**INTERNAL EXAMINER EXTERNAL EXAMINER**

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**ABSTRACT**

This report is conducted in order to set the foundations upon which the final project. The title of the project is: “CUCHD Faculties”. It is a website that is used to display the data of CU’s faculty members to the students and is supervised by **Kirat Kaur.**

The Primary goal of this website is to make the interaction of students with Chandigarh University faculty members smoothly.

CUCHD Faculties website is developed for CU Students as well as for Faculty by using programming languages HTML, CSS, and Java Script in frontend and PHP and MY SQL in the backend. The main purpose of this website is to help CU Students for finding and searching Faculties/Teachers. Because the university is very large and sometimes students face very difficulty in reaching a particular teacher. But using this website any student can search any teacher/faculty just by pressing one click.

The website provides the following details:

* Faculty Image
* Name
* Contact like phone no or email id.
* Destination
* His or Her Skills
* Qualification

HTML, CSS are used to make the project outlook fascinating. JS is helping in adding some animations on our website. PHP for signup, login, searching and for admin panel connecting. MySQL will be used to collect the data of the teachers or users and for handling databases. In future we are also planning on adding a Chat Bot with the help of AI to assist the new visitors.

**ABSTRACT [In Hindi]**

यह रिपोर्ट उस नींव को निर्धारित करने के लिए आयोजित की जाती है जिस पर अंतिम परियोजना है। परियोजना का शीर्षक है: "CUCHD संकाय"। यह एक वेबसाइट है जिसका उपयोग सीयू के संकाय सदस्यों के डेटा को छात्रों को प्रदर्शित करने के लिए किया जाता है और इसकी देखरेख कीरत कौर करती हैं।  
इस वेबसाइट का प्राथमिक लक्ष्य चंडीगढ़ विश्वविद्यालय के संकाय सदस्यों के साथ छात्रों की बातचीत को सुचारू रूप से बनाना है।  
सीयूएचडी फैकल्टी वेबसाइट को सीयू छात्रों के साथ-साथ फैकल्टी के लिए प्रोग्रामिंग भाषाओं एचटीएमएल, सीएसएस, और जावा स्क्रिप्ट को फ्रंटएंड में और पीएचपी और एमवाई एसक्यूएल को बैकएंड में उपयोग करके विकसित किया गया है। इस वेबसाइट का मुख्य उद्देश्य सीयू के छात्रों को संकायों / शिक्षकों को खोजने और खोजने में मदद करना है। क्योंकि विश्वविद्यालय बहुत बड़ा है और कभी-कभी छात्रों को किसी विशेष शिक्षक तक पहुंचने में बहुत कठिनाई होती है। लेकिन इस वेबसाइट का उपयोग करके कोई भी छात्र किसी भी शिक्षक/संकाय को सिर्फ एक क्लिक दबाकर खोज सकता है।  
वेबसाइट निम्नलिखित विवरण प्रदान करती है:  
• संकाय छवि  
• नाम  
• फोन नंबर या ईमेल आईडी जैसे संपर्क करें।  
• मंज़िल  
• उसका कौशल  
• योग्यता  
  
HTML, CSS का उपयोग प्रोजेक्ट आउटलुक को आकर्षक बनाने के लिए किया जाता है। JS हमारी वेबसाइट पर कुछ एनिमेशन जोड़ने में मदद कर रहा है। साइनअप, लॉगिन, खोज और व्यवस्थापक पैनल कनेक्टिंग के लिए PHP। MySQL का उपयोग शिक्षकों या उपयोगकर्ताओं का डेटा एकत्र करने और डेटाबेस को संभालने के लिए किया जाएगा। भविष्य में हम नए आगंतुकों की सहायता के लिए एआई की मदद से एक चैट बॉट जोड़ने की भी योजना बना रहे हैं।

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We would also like to thank our Co Supervisor **Chitra Sharma Mam** for her valuable suggestions and precious time which helps us a lot in completion of this project.

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**Chapter - 1**

**INTRODUCTION**

The traditional system used in every college and universities for reaching any teacher is visiting in different classes or in staff rooms and asking other faculties’ members for the particular teacher. CUCHD Faculties website changes this traditional method for CU students. Using this website any CU student can reach or find any teacher/faculty just pressing one click. Due to a digitalized system, the risk of manual errors is eliminated and also helps in saving time.

The website displays all the information that students need to know about the faculty. It has been developed to override the problems prevailing in practicing manual systems. This software is supported to eliminate and in some cases reduce the hardships faced by this in existing or traditional systems. Moreover this system is designed for the particular need of the college/university to carry out operations in a smooth and effective manner.

This website reduces the time of students for reaching any faculty as well as help students by providing different teachers with the same experiences in different fields. It also provides an error message while entering invalid data. The website is user friendly. It can lead to an error free, secure, reliable and fast management system. It can assist the user to concentrate on their other activities rather than concentrating on the record keeping. It will help organizations in better utilization of resources and start steps with the digital world.

This self-searching/reaching to any faculty will be equipped with a user-friendly touch screen, and software for completing the process at the backend. For this CUCHD Faculties application there will be a system administrator who will have the rights to enter the new faculties’ details with their current photo and experience. The administrator also has rights to manage front page banners, manage chat sections, check the registered users/students, and adding, editing or deleting teachers/faculties details.

Now when any user or student needs to meet any faculty outside his/her range then he/she can login the website and get a list of all teachers you can check here manually by scrolling or by using search bar simply writing the name and will get desired output. The website also helps in finding data by block wise. This feature helps students to find two or more teachers having the same experience in a particular field so that students can take advice or notes on a particular topic with different teachers in the same block.

The System is designed using programming languages HTML, CSS, Java Script, PHP, and MYSQL. Uses of HTML, CSS are for making the project outlook fascinating and frame work. JS [Java Script] is helping in adding some animations on our website. PHP for signup, login, searching and for admin panel connecting. MySQL will be used to collect the data of the teachers or users and for handling databases. Along with these languages for designing UI/UX and logo designing we use Canva and digrams.net platform.

There are two entities that will have access to the system. One is the admin and another one will be the registered user/student. Admin can add faculty details, view all the registered users details and also view the get in touch form or front page banners details.

The future update of CUCHD Faculties system is adding an AI chat bot which helps the users in getting their queries answers like searching problem, site handling problem, etc. AI Bot also helps in suggesting faculties for a particular problem or for a particular topic using faculties’ skill database and saves the time of students.

**1.1 Problem Definition:**

The purpose of every website/app is to help customers or users in different ways. For example an e-commerce website helps their users narrow down their broad ideas and enable them to finalize the products they want to purchase and also help in time saving and money saving. In the same way CUCHD Faculties website is useful for making relationships or mutual understanding between CU students and teachers.

Main problem faced in every college or university in traditional methods is reaching to a particular teacher. Because universities are very big and number of students and teachers are in thousand’s. It is sometimes very difficult to find a teacher. It also consumes a lot of precious time in visiting every class or in every staff room and asking different teachers and students. As a student I also face this issue many times. That's why I and my team plan a model for everyone that is CUCHD Faculties website.

The CUCHD Faculties system overcomes this type of problem faced by CU students. Using this website any student can easily reach any teacher just pressing one click without going anywhere. Here students/users get a very user friendly and attractive interface. Anyone can visit login and get a home page with a list of all faculties’ details with a photo. He/she can search manually by scrolling down or by using a search bar. The website also provides category wise or block wise search options.

**1.2 Time Line:**

