**Chapter – 2**

**LITERATURE SURVEY**

CUCHD Faculties is a solution to the problems faced by both students and faculties on a daily basis, i.e, efficient communication of information and queries. CUCHD Faculties website provides the solution to this problem by providing a platform that is purely meant for this specific problem.

CUCHD Faculties helps you by:

[1] Providing a platform for both queries and information sharing by direct messaging. There is a great problem for both students as well as the teachers to communicate after classes be it meeting in the staff room or by calling or messaging. CUCHD Faculties' messaging feature will totally save the work life balance of the teachers and students as there is no need of messaging the queries and info on whatsapp or mails where there are personal messages too and the messages gets unnoticed.

[2] CUCHD Faculties would be providing each and every detail of the teacher to the students.

[3] It is easy for the management to update the information of each and every teacher.

[4] It is a kind of information Directory for the entire University where you can get the information of any teacher without calling the helpline.

[5] The total front end was dominated using HTML standards applied with the dynamism of PHP server pages. At all proper levels high care was taken to check that the system manages the date consistency with proper business validations. The database connectivity was planned using the MYSQL Connectivity, the authorization and authorization was cross checked at all stages. The user level accessibility has been restricted into two zones: the administrative and the normal user zone.

[6] The system is implemented to reduce manual work and enhances the accuracy of work. This system manages and maintains the record of students or users and all faculties online. This Website App has been made in a user friendly interface. So that user can use and search the faculties easily.

**2.1 Objectives:**

The Primary goal of this project is to make the interaction of students with Chandigarh University faculty members smooth and secondary goal of this CUCHD Faculties website is to display the data of CU’s faculty members to the students, so the students can reach their respective faculty members easily.

Functionalities provided:

1. Provides the searching facilities based on various factors such as block wise details, engineering and non-engineering staff, search by name or Eid, etc.

2. Manages the faculties’ details.

3. Manages the information of the university.

4. To increase efficiency of reaching to the faculty.

5. Deals with monitoring the information and registered users of the website.

6. Manage the information of users and banners.

7. Editing, adding and updating of records is improved which results in proper resource management of website data.

8. Manage the information of the database.

9. Chat assistant is added to assist new users.

10. Complete interface is attractive and user friendly.