



GEETHANJALI COLLEGE OF ENGINEERING AND TECHNOLOGY
(Autonomous)

Cheeryal (V), Keesara (M), Medchal Dist., Telangana - 501 301

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

MAJOR PROJECT ABSTRACT
IV B.Tech. I SEM CSE - C Section

BATCH NUMBER: C1	Major Project	Academic Year: 2024-2025
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PROJECT TITLE: STAFFSPHERE-Staff Profile Management System

TEAM MEMBERS:

S.No.	Roll Number	Student Name	MailId	Contact Number
1.	21R11A05B0	Baddam Varshith Reddy	21r11a05b0@gcet.edu .in	9959100350
2.	21R11A05C6	Kada Lekhya Manaswi	21r11a05c6@gce.edu. in	9014444766
3.	21R11A05D7	Neha Munuganti	21r11a05d7@gcet.edu .in	9949495846

GUIDE DETAILS:

Name of the Guide	Dr K. Kamakshaiah
Designation	Associate Professor
Department	CSE Department
MailID	Kamakshaiah.cse@gmail.com
Contact Number	8099903505

*Signature of the
Project In-charge*

*Signature of the
Guide with Date*

*Signature of the
Project Coordinator*

ABSTRACT

STAFFSPHERE is an innovative web-based platform designed to streamline the management and organization of faculty profiles within academic institutions. Built using a modern technology stack comprising Node.js, React, and MongoDB, the platform offers a centralized solution for collecting, storing, and managing comprehensive staff information.

Faculty members are provided with personalized access to register and input their personal, professional, and educational details, including uploading certificates and other relevant documents. This data is securely stored in a MongoDB database, enabling administrators to efficiently manage and retrieve faculty information as needed.

A dedicated admin interface allows administrators to log in, customize data exports by selecting specific faculty attributes through checkboxes, and generate dynamic reports in Excel format. Furthermore, STAFFSPHERE provides visual insights through interactive pie charts, illustrating key metrics such as faculty distribution by department, qualifications, or any other selected criteria.

Objective:

- **Streamlined Data Collection:** The system simplifies the process of collecting faculty information by providing an intuitive platform for faculty members to input their personal, professional, and educational details, ensuring accurate and up-to-date records.
- **Centralized Profile Management:** The platform offers a centralized solution for managing faculty profiles, allowing administrators to easily access, update, and retrieve faculty information from one unified system.
- **Automated Report Generation:** The system enables administrators to select specific data points using checkboxes and automatically generate detailed Excel reports, reducing manual data processing and enhancing efficiency.
- **Real-Time Data Analytics:** By generating visual analytics, such as pie charts, the system provides real-time insights into faculty data distribution, helping administrators make data-driven decisions.

Commercializable: Yes/No: NO

REFERENCES:

1. <https://www.iitms.co.in/blog/faculty-management-system-software-becoming-a-necessity.html>
2. <https://rimaone.com/faculty-management/>

Date of Submission: 27/09/2024

**Signature of the
Guide with Date**

**Signature of the
Project In-charge**