

RACHANA .M.L

📍 3rd cross Siddharth Nagar Malavalli town mandya district - 571430

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✉ rm0659832@gmail.com

CIVIL ENGINEERING STUDENT

“Dedicated civil engineering student with a strong foundation in structural analysis, sustainable construction practices, and materials science. Proficient in utilizing engineering software such as AutoCAD and STAAD.Pro for design and analysis. Passionate about eco-friendly building materials and innovative solutions for modern infrastructure challenges. Excellent problem-solving skills, coupled with a commitment to detail and efficiency. Seeking to contribute technical knowledge and creativity to dynamic projects in the civil engineering domain.”

WORK EXPERIENCE

JSS ACADEMY OF TECHNICAL EDUCATION BANGLORE

Lab Assistant

- Conducted water testing and mastered equipment in the environmental lab.
- Utilized total station techniques for surveying.
- Basic understanding of MATLAB for data analysis.

EDUCATION

- BE in Civil Engineering

JSS Academy of Technical Education, Bangalore -560060. 2022 – 2026

- Karnataka Pre University Board

Bharathi PU college, Bharathinagar maddur TQ mandya district 2021 – 2022

- SSLC (10th) in State board

Anitha High School , Malavalli – 571430

2020

PROJECT

TITLE : TEST ON CORN COB POWDER FOR PARTIAL REPLACEMENT OF FINE AGGREGATES IN COCRETE

This project investigates the feasibility of using corn cob powder as a partial replacement for fine aggregates in concrete. The study aims to explore sustainable alternatives to natural sand by incorporating agricultural waste materials. Various concrete mixes are prepared with different proportions of corn cob powder, and their mechanical properties such as compressive strength, workability, and durability are evaluated. The goal is to assess the potential of corn cob powder as an eco-friendly, cost-effective material for sustainable construction practices.

VOLUNTEERING AND LEADERSHIP

JSSATEB

NSS Coordinator

Led community service programs that fostered social responsibility. Actively participated in various NSS campaigns, health camps, and cultural events. Coordinated several water body surveys in and around Bengaluru

SKILLS

- Auto cad
- Microsoft Project
- MS Excel