

Malnad College Of Engineering

Under the auspices of M.T.E.S ®
(An Autonomous Institution Affiliated to VTU, Belgaum) P.B.
No. 21, Hassan 573 202, Karnataka



Full Stack Development (23IS505)

TITLE: “HOSTEL MANAGEMENT SYSTEM”

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ABSTRACT

Hostel management in educational institutions involves maintaining student records, room allocation, fee collection, mess menu planning, and handling complaints. When these activities are done manually using registers or spreadsheets, it leads to errors, delay, and lack of transparency.

This project, “**Hostel Management System using Django**”, aims to provide a web-based solution to automate day-to-day hostel operations. The system is developed using Python, Django framework, HTML/CSS, and a relational database. The application supports different user roles such as **Admin**, **Staff**, and **Students**.

Key features include student registration, room allotment and vacancy tracking, hostel and mess fee management, daily or weekly mess menu display, online complaint registration, and feedback submission. Staff can update fee payment status and respond to student complaints. The admin can manage rooms, staff, and student details from a centralized dashboard.

The outcome of this project is a user-friendly, secure, and efficient hostel management platform that reduces paperwork, minimizes errors, improves communication between students and hostel authorities, and provides quick access to hostel-related information anytime, anywhere.