



MALLA REDDY COLLEGE OF ENGINEERING & TECHNOLOGY

(AUTONOMOUS INSTITUTION - UGC, GOVT. OF INDIA)

Affiliated to JNTUH; Approved by AICTE, NBA-Tier 1 & NAAC with A-GRADE | ISO 9001:2015

DEPARTMENT OF COMPUTATIONAL INTELLIGENCE III YEAR CSE - AIML I SEM

COURSE: APPLICATION DEVELOPMENT - 1

COURSE CODE: R22A6692

AUTOMATIC TIME TABLE GENERATOR – FOR FACULTY

ABSTRACT

The Automatic Time Table Generator – For Faculty is a comprehensive solution designed to streamline scheduling processes within academic institutions, focusing primarily on faculty members. The system offers a user-friendly interface for managing individual class schedules, allowing faculty to view their assigned classes and request swaps when necessary, thereby enhancing flexibility and accommodating unforeseen circumstances. A key feature of the Automatic Time Table Generator – For Faculty is its automatic timetable generation capability, which utilizes information provided to create optimal schedules based on various constraints and preferences. This significantly reduces manual effort and time required for timetable creation, ensuring balanced class schedules, minimized conflicts, and effective resource utilization. Additionally, the Automatic Time Table Generator – For Faculty provides hierarchical access, enabling Head of Departments (HODs) to oversee and manage the schedules of all faculty members within their department. This facilitates efficient resource allocation and ensures optimal class coverage. HODs can also review historical data to analyze scheduling trends and make informed decisions regarding faculty assignments.

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