MALLA REDDY COLLEGE OF ENGINEERING & TECHNOLOGY

(Autonomous Institution – UGC, Govt. of India)

(Affiliated to JNTU, Hyderabad, Approved by AICTE - Accredited by NBA & NAAC – 'A' Grade - ISO 9001:2015 Certified)
Maisammaguda, Dhulapally, Kompally, Secunderabad – 500100, Telangana State, India.

2.5.3. IT integration and reforms in the examination procedures and processes including Continuous Internal Assessment (CIA) have brought in considerable improvement in Examination Management System (EMS) of the Institution

Examination Procedures and Assessment System:

- Internal Examination: After the commencement of the semester the Department will conduct two internal tests and the marks are based on the average of the two tests conducted. The questions are set to map the course outcomes.
- External Examination: At the end of semester, examinations will be conducted for all the courses. The questions will cover the entire syllabus and they are mapped with course and program outcomes.
- Technical Seminar Evaluation: Each student will be presenting a seminar and evaluated by a coordinator and submitted to the department.
- Major Projects: Project batches are allotted to faculty member based on their area of specialization. Reviews are conducted and evaluated by the project coordinator and PRC and the progress is monitored. An external viva-voce will be conducted and the marks awarded by the external members will be submitted to the exam branch.
- Mini Projects: Project batches are allotted to faculty member based on their specialization. Reviews are conducted and evaluated by the guides and Head of the Department.
- Lab: Continuous evaluation will be done for laboratory and internal marks will also be awarded based on the internal lab examinations. End semester examination will be conducted at the end of the semester evaluated by an external examiner.
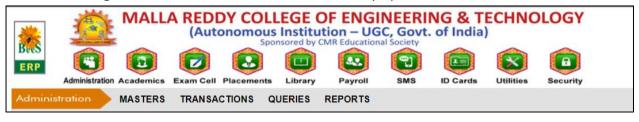
Processes integrating IT:

- All students have to register for their Regular and supplementary examinations through online mode only.
- Main answer booklet number and photo of the students is integrated on student day wise attendance sheet.
- Students can download their hall tickets through online.
- Students can see their backlog subjects through the year in online mode.
- Students and parents can see their results through online and get notifications also.
- Digital valuation is implemented and processing of results is also automated.
- QR code is implemented in the marks sheets, Provisional certificate and consolidated mark sheet.
- ERP Software (BeeS) is used for automation of examination procedures.

MRCET-EXAMINATION MANAGEMENT SYSTEM

MRCET Examination Management System(EMS) provides suite of application for complete management of the exams in the college. The EMS suite consists of a bundle of extensive and powerful features, which helps each area of the educational system from student / parent level to the management level. It consists of a series of modules which integrates each and every activity of the Exam Cell to a single data server.

We at MRCET implements Outcome-Based Education which means clearly focusing and organizing everything in a systematic way which is essential for all students to be successfully at the end of their learning experiences.

The following are the list of modules that are currently operational:

Exam Cell: The exam cell consists of the following sub modules.

Masters	Transactions	Queries	Reports
Marks Setup	Best Average Calculation	**Exam Summary Sheet View**	Supplementary Students List
Grades Setup	External Marks Entries		Passed Students
HallTicketDownloading Setup	Mid Marks		Toppers List
Exam Fee Counter Master	Regular Exam Fee Collections		Tabulation Register
Exam Months Setup	Supply Exam Fee Collections		CummulativeGPAReport
Internal Exam Master	Supply Registration		Exam Fee Collection
External Exam Fees Setup	Re-Evaluation		Analysis Report
External Exam Fee Collection Dates Setup	Project Exam Fee Collections		University Examination
Best Average Setup	Import Final External Marks		
	Final Result Processing/Declaration		

Sd/-
PRINCIPAL