



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, Komapally, Secunderabad – 500100, Telangana State, India.

1.1.1.2. CURRICULA DEVELOPED AND IMPLEMENTED

- Malla Reddy College of Engineering and Technology is committed to provide outcome-based quality education and fosterages a healthy environment to serve the diverse needs of Faculty, Staff and students.
- The Institution has strong linkages with many National and International Organizations and Academic Institutions to collaborate in knowledge exchange. Each respective board takes into consideration the Institutional Vision and Mission while preparing curriculum and subsequent revisions are put up before the Academic Council.
- The Board of Studies is constituted with Industry Experts, Alumni of the college working in prestigious Organizations, Institutemembers, external subject experts and university representatives as per the guidelines issued by UGC for Autonomous Colleges. Their inputs are implemented in the revision of syllabus.
- Malla Reddy College of Engineering and Technology was conferred the autonomous status in the year 2015 by UGC, Govt. of INDIA and since then, the Institute has been formulating its own syllabi in the methodology as explained below.
- The Programme Educational Objectives (PEOs), Program Specific Outcomes (PSOs), Program Outcomes (POs) and Course Outcomes (COs) defined for each programme have developed and implemented the curriculum which had relevance to the local, national, regional and global developmental needs. The courses which have local, national, regional and global development needs are introduced in the curriculum for all the programmes offered in the college as mandatory courses right from the I Year I Semester till III Year II Semester.
- The PEOs are aligned with the Mission of the department and in turn the Mission of the department is in line with the Mission of the Institution. Each of the courses offered for a program is matched with at least one program outcome of the programme concerned. Thus, all the program outcomes are covered by all the courses offered for a particular program.
- Feedback is taken from all stakeholders in modification of existing courses and introduction of new courses based on the local needs and at the national and global needs. Depending upon the units in each of the course, a course outcome can be defined.
- The curriculum is developed by the Boards of Studies concerned and subsequently approved by the Academic Council on which the above process of Course Outcomes, Program Outcomes, Program Educational Objectives is carried out. The autonomous curriculum, scheme of instructions, syllabus is set to meet basic skills expected from a graduate, industrial needs, local demand and in view of global needs and current technology courses.
- To enrich the knowledge in certain specializations of the main stream as per the current technology needs, a number of streams of Professional Electives are introduced. Open Electives are also being offered by the Institute as per AICTE guidelines.

- MRCET has substantial role towards the national development by imparting value-based quality education. Courses such as Gender Sensitization, Environmental Sciences, Indian Constitution and Essence of Indian Traditional Knowledge sensitize the students towards gender equality, environmental issues, constitutional responsibilities and the Indian Traditions.
- The innovative ideas of the students are implemented in the Institute Incubation Cell with the support of expert faculty.

**Sd/-
Principal**