

Master of Technology in Thermal Engineering & Machine Design



POs, PEOs & PSOs



MALLA REDDY COLLEGE OF ENGINEERING & TECHNOLOGY

DEPARTMENT OF MECHANICAL ENGINEERING

(Autonomous Institution-UGC, Govt. of India)
Secunderabad-500100, Telangana State, India.

www.mrcet.ac.in



PROGRAM OUTCOMES



PROGRAM OUTCOMES (POs)

1. To provide fundamental and advanced knowledge and skill in order to produce competent, creative and innovative postgraduates with a strong scientific acumen.
2. To practice experiments and analyze data through the application of acquired knowledge and skill with the support of engineering systems.
3. To learn and apply appropriate techniques, resources and IT tools, including design, modelling and simulation, to the complex engineering problems.
4. To promote independent and multi-disciplinary collaborative works to enhance the interpersonal and leadership skills, while demonstrating the professional ethics of engineering profession.
5. To promote effective presentations of ideas and prepare substantial technical documents, and develop Intellectual property by publishing articles.
6. To promote ability to understand global issues and conduct research in the emerging areas towards sustainable development and become socially responsible citizens.



PEOs & PSOs



PROGRAMME EDUCATIONAL OBJECTIVES (PEOS)

PEO1: Possess advanced knowledge and understanding thus enabling them to tackle practical engineering design problems in the industrial fields, as well as pursue further academic achievements through research.

PEO2: Possess communication, analytical, decision-making, motivational, leadership, problem solving skills by inculcating an attitude for life-long learning process.

PROGRAMME SPECIFIC OUTCOMES (PSOS)

PSO1: Acquainted with the platforms, tools, research and development in Mechanical Engineering.

PSO2: Able to model, simulate, analyze and optimize mechanical systems / processes using application software