



Institute Vision & Mission

VISION

Mahaguru Institute of Technology aspires to become a globally recognized centre of excellence for science, technology & engineering education, committed to quality teaching, learning and research while ensuring for every student a unique educational experience which will promote leadership, job creation, social commitment and service to nation building.

MISSION

- Learning and innovation by creating and disseminating knowledge, empowering significant advances in technology, and driving economic development for the welfare of the state, the nation and the world.
- Also to provide a premier educational experience for our students and a world-class environment for our faculty that supports and prepares them for addressing the engineering challenges and opportunities that exist and await them in the 21st century.
- By imparting practical knowledge the institutions aims at transforming the individual minds into efficient engineers and facilitate socially responsive research, innovation and entrepreneurship.



MAHAGURU INSTITUTE OF TECHNOLOGY

Approved by AICTE and Affiliated to APJ Abdul Kalam Technological University

Accredited by NAAC with B+ Grade

Department Vision & Mission

VISION

To emerge as a centre of excellence by imparting quality technical education, promoting research, encouraging entrepreneurial skill development and inculcating social values in our students.

MISSION

M1: To provide the students with in-depth understanding of fundamentals.

M2: To promote research and higher education.

M3: To enable students to develop entrepreneurial and professional skills.

M4: To foster human and social values in our students



PROGRAMME EDUCATIONAL OBJECTIVES

PEO1: Become competent and engaged engineering professionals, applying their technical and managerial skills in the planning, design, construction, operation or maintenance of the built environment and global infrastructure, and utilizing their skills to analyze and design systems, specify project methods and materials, perform cost estimates and analyses, and manage technical activities in support of civil engineering projects

PEO2: Initiated an active program of life-long learning, including studies leading to professional licensure or an advanced degree in engineering that provides for continued development of their technical abilities and management skills, and attainment of professional expertise.

PEO3: Developed their communication skills in oral, written, visual and graphic modes when working as team members or leaders, so they can actively participate in their communities and their profession.

PEO4: Established an understanding of professionalism, ethics, quality performance, public policy, safety, and sustainability that allows them to be professional leaders and contributors to society when solving engineering problems and producing civil engineering solutions.

PEO5: Understood the possibilities of having entrepreneurial skills and innovative ideas.

PEO6: Become capable to do projects based on subject knowledge as well as on the lines of research.



PROGRAMME SPECIFIC OUTCOMES

PSO1: Utilize principles, hardware, and software that are appropriate to produce drawings, reports, quantity estimates, and other documents related to civil engineering.

PSO2: Apply fundamental computational methods and elementary analytical techniques in sub-disciplines related to civil engineering.

PSO3: Perform analyses related to design, construction, operations and maintenance of systems associated with civil engineering.

PSO4: Select appropriate engineering materials and practices.



PROGRAMME OUTCOMES

PO1: An ability to select and apply the knowledge, techniques, skills and modern tools of the discipline to broadly-defined engineering technology activities .

PO2: An ability to select and apply a knowledge of mathematics, science, engineering, and technology to engineering technology problems that require the application of principles and applied procedures or methodologies.

PO3: An ability to conduct standard tests and measurements; to conduct, analyze, and interpret experiments; and to apply experimental results to improve processes

PO4: An ability to design systems, components, or processes for broadly-defined engineering technology problems appropriate to program educational objectives .

PO5: An ability to function effectively as a member or leader on a technical team .

PO6: >An ability to identify, analyze, and solve broadly-defined engineering technology problems.

PO7: An ability to apply written, oral, and graphical communication in both technical and non-technical environments; and an ability to identify and use appropriate technical literature .

PO8: An understanding of the need for an ability to engage in self-directed continuing professional development.

PO9: An understanding of and a commitment to address professional and ethical responsibilities including a respect for diversity.

PO10: A knowledge of the impact of engineering technology solutions in a societal and global context.

PO11: An understanding of the scope of entrepreneurship and innovative solutions.

PO12: An ability to carry out engineering projects.

PO13: An understanding of research and related activities