Dr. MAHALINGAM MCET
COLLEGE OF ENGINEERING AND TECHNOLOGY
Enlightening Technical Minds

NBA NATIONAL BOARD OF ACCREDITATION
AU | CE | ME | IT | ECE | EEE | CSE

NAAC A++ GRADE
Cycle 3 (2023-2030)
The Highest Grade

Dr.Mahalingam College of Engineering and Technology

(An Autonomous Institution)

Pollachi

Department of Civil Engineering

OurVoice

[Newsletter]





Volume 05 Issue 02 Aug 2026

About MCET

Dr. Mahalingam College of Engineering and Technology (MCET) was established in the year 1998 by Dr. M. Manickam with a view to commemorate the 75th birthday of his beloved father Arutchelvar Dr. N. Mahalingam with a mission to impart high quality competency based education in Engineering & Technology to the younger generation to acquire the required skills and abilities to face the challenging needs of the industry around the globe. MCET is a self-financing, co-educational Autonomous Engineering College and it is approved by All India Council for Technical Education (AICTE), New Delhi & affiliated to Anna University, Chennai. The Institution has been accredited by NAAC with A++ grade and all eligible UG Programmes are accredited by NBA. MCET currently offers 12 UG 6 PG and 7 doctoral Programmes in Engineering, Technology and Science.

About the Department

Civil Engineering is the oldest engineering discipline that deals with the planning, design, construction and maintenance of the physical and natural built environment, including works like buildings, bridges, canals, dams and roads. The department of Civil Engineering at MCET was started in the year 2007 with B.E. – Civil Engineering Program and extended in 2012 for Post Graduate program in M.E. – Structural Engineering.

The Department of Civil Engineering at MCET has highly qualified and experienced faculty in diversified domains which helps to enlighten the young minds of students in the theoretical and experimental aspects. Department has state-of-art infrastructural facilities which provide expertise and facility to work on emerging technologies. In a nut shell the department is well nurtured to cater the needs of education through industry oriented curriculum, research, consultancy, co-curricular and extra-curricular programs for the career enhancement of the students.

VISION

To develop Competent Civil Engineers to meet the infrastructure challenges of India and the world.

MISSION

- To provide a dynamic, innovative, and flexible learning environment that develops competent Civil Engineers with strong technical knowledge, problem-solving, design, and digital skills to address emerging engineering challenges.
- To foster experiential learning, leadership, effective communication, teamwork and lifelong learning through industry interaction, multidisciplinary collaboration and professional development.
- To promote ethical and sustainable engineering practices by fostering research and innovation, addressing societal needs, and ensuring excellence in quality, safety, and environmental sustainability.

PROGRAMME EDUCATIONAL OBJECTIVES (PEOs)

PEO 1 Graduates who effectively demonstrate engineering knowledge, problem solving skill, design capabilities and entrepreneurial skills by providing practical solution.
PEO 2 Graduates who effectively demonstrate professionalism in multi-disciplinary engineering environment, leadership quality, teamwork and engage in life-long learning.
PEO 3 Graduates who demonstrate an ethical commitment to the community and the profession through involvement with professional societies.
PEO 4 Graduates who make contributions to knowledge an establish best engineering practice through research and development.

PROGRAMME OUTCOMES (POs)

PO1. Engineering knowledge: Apply mathematics, natural sciences, computing, engineering fundamentals and specialization knowledge to solve complex engineering problems.

PO2. Problem analysis: Identify, formulate, review research literature and analyze complex engineering problems to reach substantiated conclusions, considering sustainable development.

PO3. Design/development of solutions: Design creative solutions and develop systems, components or processes to meet identified needs, considering public health, safety, cost, carbon, society, culture and environment.

PO4. Conduct investigations of complex problems: Conduct investigations using research-based knowledge, experimentation, modelling, analysis and interpretation of data to obtain valid conclusions.

PO5. Engineering tool usage: Select and apply appropriate techniques, resources, modern engineering and IT tools, including prediction and modelling, while recognizing their limitations.

PO6. The Engineer and the world: Analyze and evaluate societal and environmental aspects of engineering solutions with respect to sustainability, economy, health, safety, law, culture and environment.

PO7. Ethics: Apply ethical principles, professional ethics, human values, diversity and inclusion, and comply with national and international laws.

PO8. Individual and collaborative team work: Function effectively as an individual and as a member or leader of diverse and multidisciplinary teams.

PO9. Communication: Communicate effectively and inclusively with the engineering community and society through reports, documentation, presentations and other forms of communication.

PO10. Project management and finance: Apply engineering management principles and economic decision-making to manage one's own work and projects as a team member or leader.

PO11. Life-long learning: Recognize the need for independent and lifelong learning, adaptability to emerging technologies and critical thinking in the context of technological change.

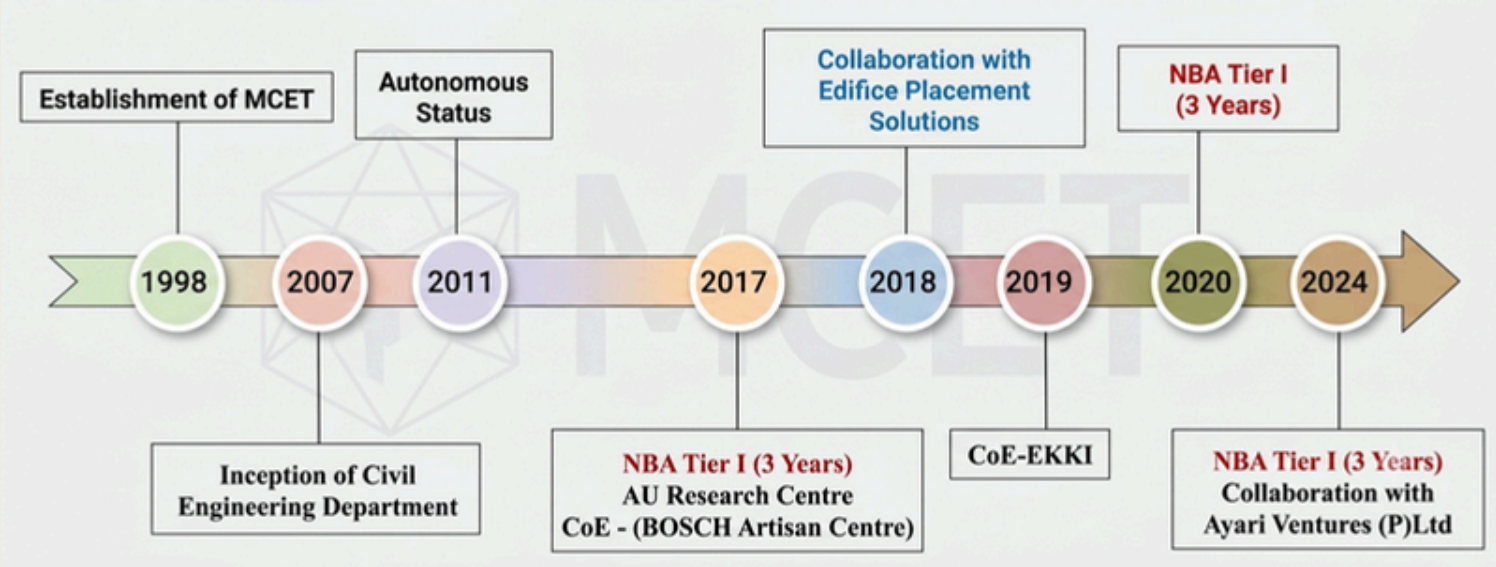
PROGRAMME SPECIFIC OUTCOMES (PSOs)

PSO1. Problem Analysis: Able to arrive solutions to real time problems related to various domains of civil engineering through problem solving skills.

PSO2. Design and Management: Able to design systems, components and processes considering safety, quality and cost consideration and able to prepare project documents, engineering drawings and construction schedules

Department Milestones

NBA Committee Visited the Department from 26.07.2024 to 28.07.2024 and accredited Department of Civil Engineering for 3 years with the highest score.



Centre of Excellence

EKKI WATER TECHNOLOGIES









BOSCH

Events Organised



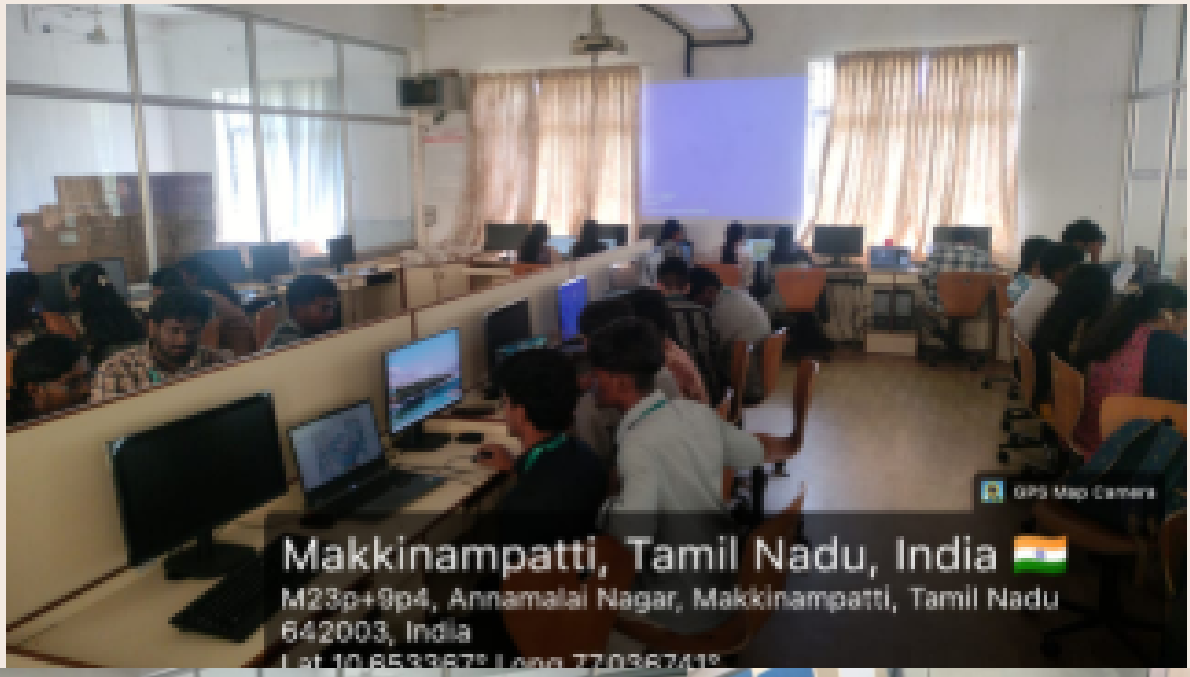


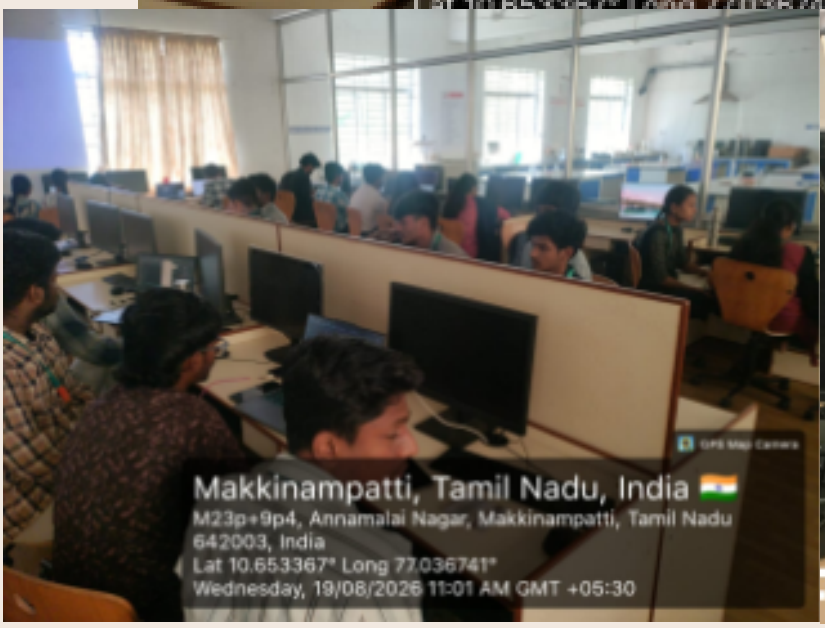




Department of Civil Engineering, in association with the MCET Alumni Association, organized an Alumni Guest Lecture on 14.08.2026. Er. Madhu Mithra D (2013–2017 Batch), Project Manager, RCI Digital Solutions, Chennai, delivered a lecture on "Transforming Civil Engineering Challenges into Digital Solutions." The session highlighted the importance of learning civil engineering software and using digital tools to simplify complex engineering problems and develop effective solutions.

Events Organised







III and IV year students of Department of Civil Engineering participated in Autodesk Buildathon 2026. Buildathon 2026, organized by Autodesk, is an international event conducted worldwide to promote innovative and sustainable design practices among students.

Industrial Visit







III-year students of Department of Civil Engineering went on an industrial visit to ACE Infratech, Kadakola, Mysuru and Sehion Group, Thandavapura, Mysuru from 20.08.2026 to 22.08.2026.

Industrial Visit





II-year students of Department of Civil Engineering went on an industrial visit to UltraTech RMC at Malumichampatti on 19.08.2026.

FACULTY ACHIEVEMENTS

FDP/Paper Publication/Patent/Online Courses/Resource Person:

S. No	Name	Designation	Online Course Completed / FDP / Publication
1	Dr.S.Krishna Kumar	AP (SG)	Resource person for wrokshop on “Applications of Remote Sensing and Geographic Information Systems (GIS) in Modern Surveying” at Arjun College of Technology on 05.08.2026.



OurVoice





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