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

Great Mid-size Workplaces
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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 04 Issue 04 May 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 produce excellent engineers to cope up with the changes through dynamic, innovative and flexible curriculum.
- To provide a conducive environment for teaching & learning and to develop leaders with effective communication skills.
- To conduct quality research driven by industry & societal needs and provide affordable engineering solutions in an ethical way.

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 knowledge of mathematics, science, engineering fundamentals and an engineering specialization in the field of Civil Engineering.

PO2. Problem analysis: Identify, formulate, analyse and solve complex problems in construction industries using principles of mathematics, natural sciences and engineering sciences.

PO3. Design/development of solutions: Design a solution for complex civil engineering problems and design system processes to meet specific needs with appropriate consideration for public health and safety, cultural, societal, and environmental considerations.

PO4. Conduct investigations of complex problems: Conduct investigations of complex problems including design of experiments, analysis and interpretation of data, and synthesis of information to provide valid conclusion.

PO5. Modern tool usage: Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modelling to complex engineering activities with an understanding of the limitations.

PO6. The engineer and society: Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.

PO7. Environment and sustainability: Understanding the impact of engineering solutions in social environment and demonstrate the knowledge for sustainable expansion.

PO8. Ethics: Apply ethical principles and commit to professional ethics and the norms of engineering practices.

PO9. Individual and team work: Function effectively as an individual, and as a member or leader in diverse teams and in multidisciplinary settings.

PO10. Communication: Communicate with engineers and society to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions related to civil engineering professionals.

PO11. Project management and finance: Demonstrate and apply the knowledge of engineering and management principles to one's own work, as a team leader or a member to manage project in multidisciplinary environments.

PO12. Life-long learning: Recognize the need for, and have the ability to engage in independent and life-long learning 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

Student Achievements

S. No	Roll No	Name of the Students	Event Details	Participation / Awarded (First/Second/ Third Prize)	Organizer and Place of program	Date
1	727624BCE304	Ajay Kumar M	Technical Quiz	Participation	Sri Ramakrishna Engineering College	30.01.2026 & 31.01.2026
2	727624BCE029	Gayathri Devi S	Workshop & Connection	Participation	KPR Institute of Engineering and Technology	24.10.2025
3	727624BCE304	Ajay Kumar M	Paper Presentation, Technical Quiz & Code Cracking	Participation	Karpagam Academy of Higher Education	13.02.2026
4	727624BCE311	Laxmi Narayanan S		Participation		13.02.2026
5	727624BCE311	Laxmi Narayanan S	Code Cracking	First Price		13.02.2026
6	727624BCE303	Mohammed Towfeeq M	Paper Presentation, Technical Quiz & Code Cracking	Participation		13.02.2026
7	727624BCE303	Mohammed Towfeeq M	Technical Quiz	First Price		13.02.2026
8	727623BCE002	Subaranjana A D	Build IQ	Participation	Kongu Engineering College	27.02.2026
9	727623BCE005	Yamini G	Build IQ	Participation		27.02.2026
10	727623BCE002	Subaranjana A D	Paper Vista	Second Prize		27.02.2026
11	727623BCE005	Yamini G	Paper Vista	Second Prize		27.02.2026
12	727624BCE014	Ruth Caroline S	Future Makers - Engineers Day Challenge 2025	Participation	Hindustan College of Engineering and Technology, Coimbatore	15.09.2025
13	727624BCE008	Maheshwari M		Participation		15.09.2025
14	727624BCE034	Ilaveiyini S		Participation		15.09.2025
15	727624BCE019	Sunil Kumar R		Participation		15.09.2025
16	727624BCE006	Mugul Balaji V	CAD Contest	Participation	Dr. N. G. P Institute of Technology	28.01.2026& 29.01.2026

Student Achievements

S. No	Roll No	Name of the Students	Event Details	Participation / Awarded (First/Second/ Third Prize)	Organizer and Place of program	Date
16	727624BCE009	Nandhini D	Paper Presentation, Technical Quiz & Code Cracking	Participation	Karpagam Academy of Higher Education	13.02.2026
17	727624BCE007	Sowmithra M		Participation		13.02.2026
18	727624BCE021	Poovika P N		Participation		13.02.2026
20	727624BCE018	Aswin D A	Future Makers - Engineers Day Challenge 2025	Participation	Hindustan College of Engineering and Technology	15.09.2025
21	727623BCE002	Subaranjana A D	Project to Product	Semi-Finalist	IIT Madras	25.01.2026
22	727623BCE025	Parvasahamed S				25.01.2026
23	727623BCE003	Sarjana P				25.01.2026
24	727623BCE004	Momal Nafeesha	Debate	Third Price (Cash Prize – 6,000)	IIT, Madras	03.04.2026 to 05.04.2026
25	727624BCE311	Lakshmi Narayanan S	Debate			
26	727623BCE002	Subaranjana A D	Cube Casting	Third Price - (Cash Prize – 3,000)	Kalasalingam Academy of Research and Education	02.04.2026
27	727623BCE014	Shanmugam N				02.04.2026
28	727623BCE027	Aatheeshwaran S				02.04.2026
29	727624BCE029	Gayathri Devi S	FRC Bowling Ball Competition	First Place	Easwari Engineering College	10.04.2026
30	727624BCE018	Aswin D A		First Place		10.04.2026
31	727624BCE013	Ram Kishore V		First Place		10.04.2026
32	727624BCE020	Shanu S		Participation		10.04.2026
33	727624BCE017	Gomathi K		Participation		10.04.2026
34	727624BCE025	Renuka K		Participation		10.04.2026
	727624BCE309	Sanjay Saravanan	Hammer Men	Third Position	Anna University Zonal Tournaments 2025-26	14.10.2025 to 16.10.2025
	727623BCE028	Muthu Arun M	Kho-Kho	First Position		30.10.2025 to 01.11.2025

Events Organised













Department of Civil Engineering - Beavers Association organized technical seminar on "Sustainable and Energy-Efficient Building Systems" for II and III year B.E-Civil Engineering students on 09.04.2026.

Events Organised













Valediction and Guest Lecture on "Innovations in Mix Optimization" For II and III year Civil Engineering students on 21.04.2026.

PROFESSIONAL SOCIETY

EVENTS ORGANISED













MCET - ISTE Students Chapter and Department of Civil Engineering Organised workshop on "Robotic Technology for Construction & Building Automation" on 13.03.2026.

FACULTY ACHIEVEMENTS

FDP/Paper publication/Patent/Online Courses:

S. No	Name	Designation	Online Course Completed / FDP / Publication
1	Dr.N.Natarajan	Prof.	Published a paper titled “An overview of statistical analysis and modeling of characteristics and impacts of major mechanisms of atmospheric moisture transport over India”.
2	Dr.M.Mariappan	ASP	Published a patent titled “Geo-grit Skirt Footing for Civil Construction”.
3	Dr.S.Krishna Kumar	AP (SG)	Published a book titled “Artificial Intelligence and Remote Sensing for Environmental Applications” Taran Publications.
			Completed NPTEL Course “Remote Sensing and GIS for Rural Development”
4	Mr.A.Manikandan	AP (SS)	Published a paper titled “Deep Learning-Based Structural Health Assessment of Concrete Structures using IOT Sensor Networks”
			Published a patent titled “Geo-grit Skirt Footing for Civil Construction”.
			Published a patent titled “Hybrid Interlocking Paver Blocks using Industrial Waste and Natural Fibre”
			Completed NPTEL Course “Concrete Technology”.
			Attended 15 days software course “Primavera P6”.
5	Dr.S.Syed Masoodhu	AP (SS)	Published a paper titled “An overview of statistical analysis and modeling of characteristics and impacts of major mechanisms of atmospheric moisture transport over India”.
			Completed NPTEL Course “Geotechnical Engineering-1”.
6	Mr.P.S.Sathish Kumar	AP (SS)	Completed NPTEL Course “Concrete Technology”.
7	Mr.M.Sudharsanan	AP (SS)	Completed NPTEL Course “Strength of Materials”
8	Ms.S.Sharmila	AP	Completed NPTEL Course “Strategies for Sustainable Design”.
9	Ms.R.Anuja	AP	Published a patent on “Sensor Based Automated Waste Segregation System”.
			Published a paper titled “Lockdown turned farm to fork-dream or reality-Agricultural situation in Thanjavur, India before, during and after COVID-19”.
			Completed NPTEL Course “Concrete Technology”.

OurVoice





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