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

Dr.Mahalingam College of Engineering and Technology

(An Autonomous Institution)

Pollachi

Department of Civil Engineering







OurVoice

[Newsletter]

Volume 03 Issue 03 May 2025

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 become one of the reputed departments offering Civil Engineering Program in the country.
- 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	23BCE004	Momal Nafeesha M	Link and Rank	First Prize	KPR Institute of Engineering and Technology, Coimbatore	15.03.2025
2	24BCE303	Mohammed Tawfeeq M	Link and Rank	First Prize		
3	23BCE007	Subashree R	Link and Rank	First Prize		
4	23BCE004	Momal Nafeesha M	Workshop on Lumiverse	-		
5	23BCE007	Subashree R	Workshop on Lumiverse	-		
6	22BCE023	Ramya N	Paper Presentation	Third Prize	PSNA College of Engineering and Technology, Dindigul	17.04.2025
7	23BCE007	Subashree R	Paper Presentation	Second Prize (Cash Prize - Rs.1000)	IEEE Geoscience and Remote Sensing Society at KPR Institute of Engineering and Technology, Coimbatore	09.05.2025 & 10.05.2025
8	23BCE003	Sarjana P	Paper Presentation	Second Prize (Cash Prize - Rs.1000)		
9	23BCE002	Subaranjana A D	Paper Presentation	Special Mention (Cash Prize - Rs. 500)		

Student Achievements

Roll No	Name of the Students	Event Details	Title of the Paper Presented	Organizer and Place of program	Date
727621BCE020	Devatharshini R	Conference	Treatment of Wastewater Using Equalization Followed by Constructed Wetland-Based Phytoremediation System	National Conference on Sustainable Construction and Civil Engineering - 2025 at Elite College of Engineering, Ghola, West Bengal.	23.04.2025 & 24.04.2025
727622BCE309	Hariharan K	Conference			
727622BCE319	Adarsh Viswanathan H	Conference			
727621BCE019	Aravind R	Conference	Experimental study on floating concrete using EPS beads	National Conference on Sustainable Development in Science and Technology – 2025. Department of Physics, Bannari Amman Institute of Technology	09.04.2025
727621BCE024	Raja A	Conference			
727622BCE312	Akhil K Kala	Conference			
727621BCE027	Arun M P	Conference	Durability and Performance Assessment of Natural Fibre Reinforced Concrete for Sustainable Infrastructure Development		09.04.2025
727621BCE032	Harishanth R	Conference			
727621BCE034	Suryaprakash R	Conference			
727621BCE012	Vishnu Varthan M	Conference	Experimental Study on Paver Block using Paper Sludge, Natural Fibers and Tyre Rubber	National conference on Sustainable materials, automotive technologies and artificial intelligence-2025, Karpagam College of Engineering	21.03.2025
727622BCE304	Abinanthan S	Conference			
727622BCE325	Sathish Kumar K	Conference			
727621BCE005	Kishore Al	Conference	A study on behaviour of banyan cellulose fiber incorporated cement concrete.	National Conference on Sustainable Development in Science and Technology – 2025. Department of Physics, Bannari Amman Institute of Technology	09.04.2025
727621BCE010	Ilanchezhian U	Conference			
727621BCE028	Kaviyarasan S	Conference			

Student Achievements

Roll No	Name of the Students	Event Details	Title of the Paper Presented	Organizer and Place of program	Date
727621BCE018	Poovitha N	Conference	Study on smart concrete for real time monitoring of structures	National Conference on Sustainable Development in Science and Technology – 2025. Department of Physics, Bannari Amman Institute of Technology	09.04.2025
727621BCE025	Sanjay M P	Conference			
727622BCE305	Vairavel E	Conference			
727621BCE026	Siranjeevi S	Conference	Integrating Advanced Treatment with Resource Recovery for a Sustainable Campus Ecosystem		
727621BCE021	Aravind A	Conference			
727621BCE022	Kishore P	Conference			
727621BCE031	Alamelu K	Conference	Enhancing Traffic Efficiency using Pressure Transducers Integrated with IoT		
727622BCE322	Dinesh Kumar R	Conference			
727622BCE318	Sharan J	Conference			
727621BCE016	Sabhariraj M	Conference	Spatial and Temporal Variation of Major Lakes in Tamil Nadu	National Conference on Sustainable Construction and Civil Engineering - 2025 at Elite College of Engineering, Ghola, West Bengal.	23.04.2025 & 24.04.2025
727621BCE033	Dhiwakar K	Conference			
727622BCE324	Vimal M	Conference			

Student Achievements




PSNA
COLLEGE OF ENGINEERING & TECHNOLOGY
(An Autonomous Institution)
AICTE | ANNA UNIVERSITY | NBA | NAAC A++
DEPARTMENT OF CIVIL ENGINEERING

CIVIL ENGINEERING ASSOCIATION

Certificate of Achievement

This is to certify that Mr./Ms. N. RAMYA, MCET had secured THIRD Place in the PAPER PRESENTATION event on "GEOSTRA - 2K25", Civil Symposium organized by Civil Engineering Association, PSNA College of Engineering and Technology (Autonomous), Dindigul on 17th April, 2025.

Co-ordinator | Head of the Department | Principal

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BANNARI AMMAN INSTITUTE OF TECHNOLOGY
(Autonomous Institution Affiliated to Anna University Chennai Approved by AICTE-Accredited by NAAC with 'A+' Grade)
Sathyamangalam – 638401 Erode (Dt) Tamilnadu
Stay Ahead

Certificate of Participation

This is to certify that Ms ALAMELU K, DR.MAHALINGAM COLLEGE OF ENGINEERING & TECHNOLOGY POLLACHI presented a paper titled A STUDY ON LIGHT-TRANSMITTING CONCRETE FOR SUSTAINABLE CONSTRUCTION at National Conference on Sustainable Development in Science and Technology (NCSD-2025) organized by Department of Physics on 09th April 2025 at Bannari Amman Institute of Technology Sathyamangalam Tamil Nadu India.

Dr S Ashokan, Convener | Dr N Pongali Sathya Prabu, Head of Department | Dr C Palanisamy, Principal

Certificate No.: BIT / NCSD-2025 / AB5109


E.C.E
ELITTE COLLEGE OF ENGINEERING
Approved by AICTE & Affiliated to MAKAUT
Accredited with "B+" Grade by NAAC

Certificate of Paper Presentation

This is to certify that Mr. M. Sabhariraj, Research Scholar has presented a paper titled Estimation and prediction of spatial and temporal variation of major lakes in Tamil Nadu using Google Earth Engine and Machine Learning co-authored by N. Natarajan, K. Dhivakar, M. Vimal from Dr. Mahalingam College of Engineering and Technology, Pollachi, Coimbatore, Tamil Nadu in the "National Conference on SUSTAINABLE CONSTRUCTION AND CIVIL ENGINEERING (NCSCCE-2025)" organized by Civil Engineering Department, Elitte College of Engineering, Kolkata during 23rd & 24th April 2025 through Hybrid Mode.

Dr. K. Hazra, Principal | Dr. U. C. Kumar, Advisor | Mr. S. Ghosh, Director (O) | Dr. B. Haque, Director(A & HR) | Dr. S. Saha, Convener & HOD, CE

Campus- Ghola, Sodepur, Kolkata-700 113 Web Address- www.ece.ac.in

EVENTS ORGANISED





Guest Lecture on "Career Prospects in Construction Management" by Mr. S. Abbishek, Batch: 2014-18 for II and III year Civil Engineering Students on 22.02.2025 .





TechnoFete'25- Technical Events viz 1. CommQuest, 2. Eco Solve & 3.Image Mania on 13.03.2025 & 14.03.2025.



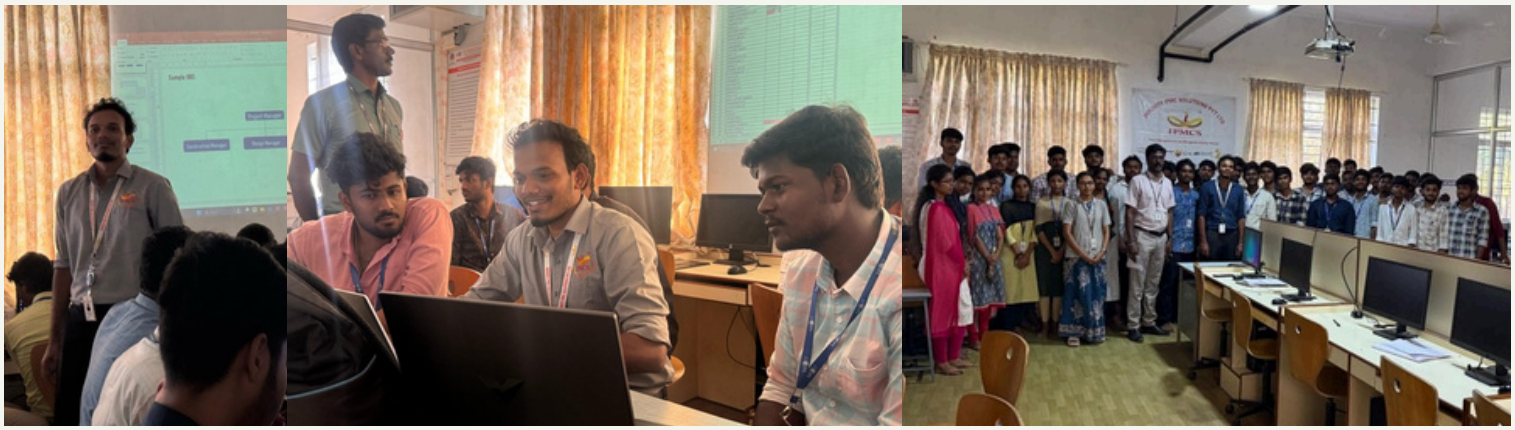


Guest Lecture on “Career Opportunities in Civil Engineering” by Mr. Andy Palanisamy, CEO & Co-Founder, Criativo Global, Dubai, UAE. on 21.03.2025

EVENTS ORGANISED



Seminar on “How to plan for start-up and legal & ethical steps” by Mr. Shanjeev Balajothi, MD, Ayari Ventures Pvt. Ltd., Tirupur. on 26.04.2025.



Software Training on "Primavera" in association with Infinity PMC Solutions, Chennai for III year Civil Engineering Students from 05.03.2025 to 07.03.2025.



Workshop on "Drone Survey" for II and III year Civil Engineering Students by Mr. Jeeva Amirthalingam, Managing Director, Real Digital Survey, Pollachi on 11.04.2025.

Industrial Visits









A site visit for III year B. E. Civil Engineering students to "VVDN Technologies Manufacturing" at koolanaickenpatti on 14.03.2025

Alumni Event





Alumni Lecture on "Preparation Strategy for NICMAR Entrance" on 22.02.2025 by Mr. S. Abbishek, Batch: 2014-18









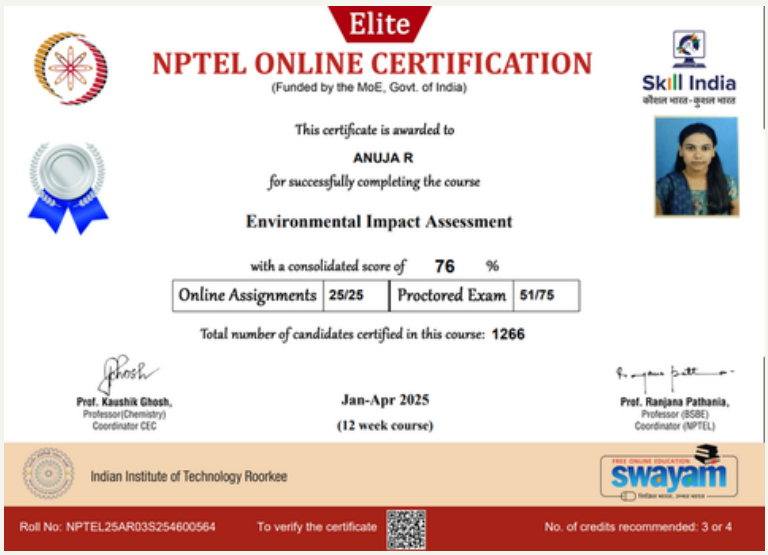


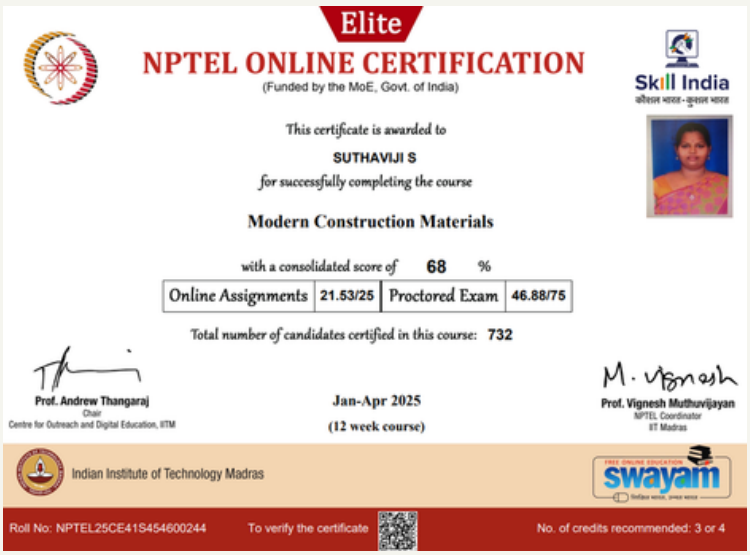
Alumni Lecture on "Career Horizons for Civil Engineers in Government Organizations" on 12.04.2025 by Er. M. Bharathikumar, (Batch: 2013-17), Assistant Engineer, PWD Building Construction & Maintenance, Coimbatore.

FACULTY ACHIEVEMENTS

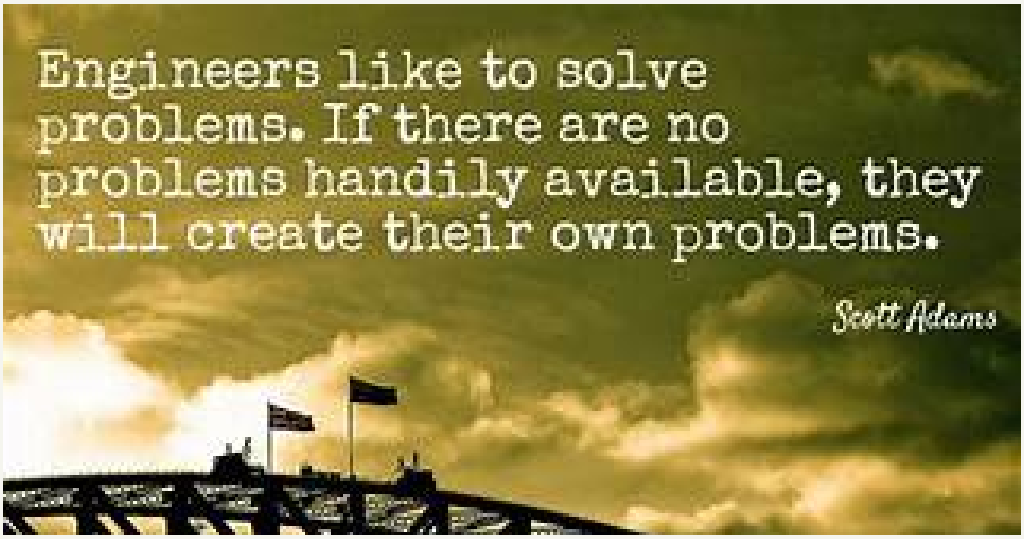
FDP/Paper publication/Online Courses:

S.No	Name	Designation	Online Course Completed / FDP / Publication
1	Mr.S.Dineshkumar	AP	Presented a paper titled “Treatment of Waste Water Using Equalization Followed by Constructed Wetlands based Phytoremediation system” in the National Conference “Sustainable Construction and Civil Engineering NCSCCE-25” by Elite College of Engineering, Kolkata.
			Published patent titled “Outdoor Air Purifier”.
			Attended the three days ISTE sponsored FDP on “Generative AI: Applications in Signal and Image Processing”
			Attended the two weeks FDP on “Patent Search Engineers and Lawyers”
2	Mrs. S. Suthaviji	AP	Completed NPTEL Course on “Modern Construction Materials”
3	Mr.M.Sudharsanan	AP	Completed NPTEL Course on “Modern Construction Materials”
4	Ms.S.Sharmila	AP	Attended FDP on “New Product Development and Its Applications”
5	Ms.R.Anuja	AP	Attended FDP on “New Product Development and Its Applications”
			Completed NPTEL Course on “Environmental Impact Assessment”
			Completed NPTEL Course on “Strategies for Sustainable Design”









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