

# Dr.Mahalingam College of Engineering and Technology (An Autonomous Institution) Pollachi

## Department of Civil Engineering

### **OurVoice [Newsletter]**



## 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 75<sup>th</sup> 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 10 UG 6 PG and 5 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 and 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 ACTIVITIES



Motivational Talk on “**Innovation and Entrepreneurship**” organized by Beavers Association & IIC on **09.03.24**.

**Guest Speaker: Dr. K. Srinivasan, AP(SS)/CE.**



**Farewell day** function for our final year students of B.E. Civil Engineering & M.E. Structural Engineering organised by Outreach Cluster on **.04.2024**.



Department of Civil Engineering, Dr. MCET signed **MoU** with **Ayari Ventures Pvt. Ltd., Tirupur** on **20.05.2024**.

# ONLINE COURSES COMPLETED

**Congratulations!**

## ***NPTEL ACHIEVERS***



**T. Sankavai**

**Environmental Impact Assessment**

**Elite + Silver**

**Strategies for Sustainable Design**

**Elite**

**Research Methodology for Planning  
and Architectural Studies**

**Elite**



## ***SUCCESSFULLY COMPLETED***



**A. Praveena**

**IV Year**

**Soft Skill Development**



**Omsakthiyaraj**

**II Year**



**Arshad Ibrahim**

**II Year**

**Construction Methods And  
Equipment Management**

# ACADEMIC TOPPERS

## Toppers in Nov/Dec'2023 ESE

**Third Year  
B.E. Civil Engineering  
(2021-2025)**



**Devatharshini R**  
(21BCE020)  
9.636 CGPA



**Sundareshwara A**  
(21BCE011)  
9.345 CGPA



**Alamelu K**  
(21BCE031)  
8.695 CGPA

## Toppers in Nov/Dec'2023 ESE

**Final Year  
B.E. Civil Engineering  
(2020-2024)**



**Javith Akthar J**  
(21BCE311)  
9.339 CGPA



**Harshath Raj A**  
(20BCE005)  
8.942 CGPA



**Sangamithra S**  
(20BCE008)  
8.893 CGPA

## Toppers in Nov/Dec'2023 ESE

**Second Year  
B.E. Civil Engineering  
(2022-2026)**



**Arshad Ibrahim M**  
(22BCE016)  
9.794 CGPA



**Karishinidevi T**  
(22BCE018)  
9.619 CGPA



**Raagul G**  
(22BCE009)  
9.167 CGPA





COLLEGE OF ENGINEERING AND TECHNOLOGY  
ENLIGHTENING TECHNICAL MINDS



# CONGRATULATIONS TO OUR CIVIL ENGINEERING GRADUATES ON SECURING PLACEMENTS!

★ ★ ★ BATCH: 2020-2024 ★ ★ ★



Praveen Kumar D



Vijayaboopathy T



Dinesh K



Bharanipriya S



Suryakumar R



Nathlya P



Praveenraj S



Jeetha R



Subaranjani M



Praveena A



Hariharasudhan S



Hariram K



Suresh V



Javith Akthar J



Havish Gray S R



Nivethithasankari S



John Irudaya Raj J



Dhuvarak Raj M



Kavlin Prasath P



Thilakrakul M



Suryaprashath B



Harshath Raj A



Mohammed Arif M

## 100% PLACEMENT

Your hard work and dedication have paid off.  
Wishing you all the best in your future endeavors!

AVERAGE PACKAGE: 4 LPA

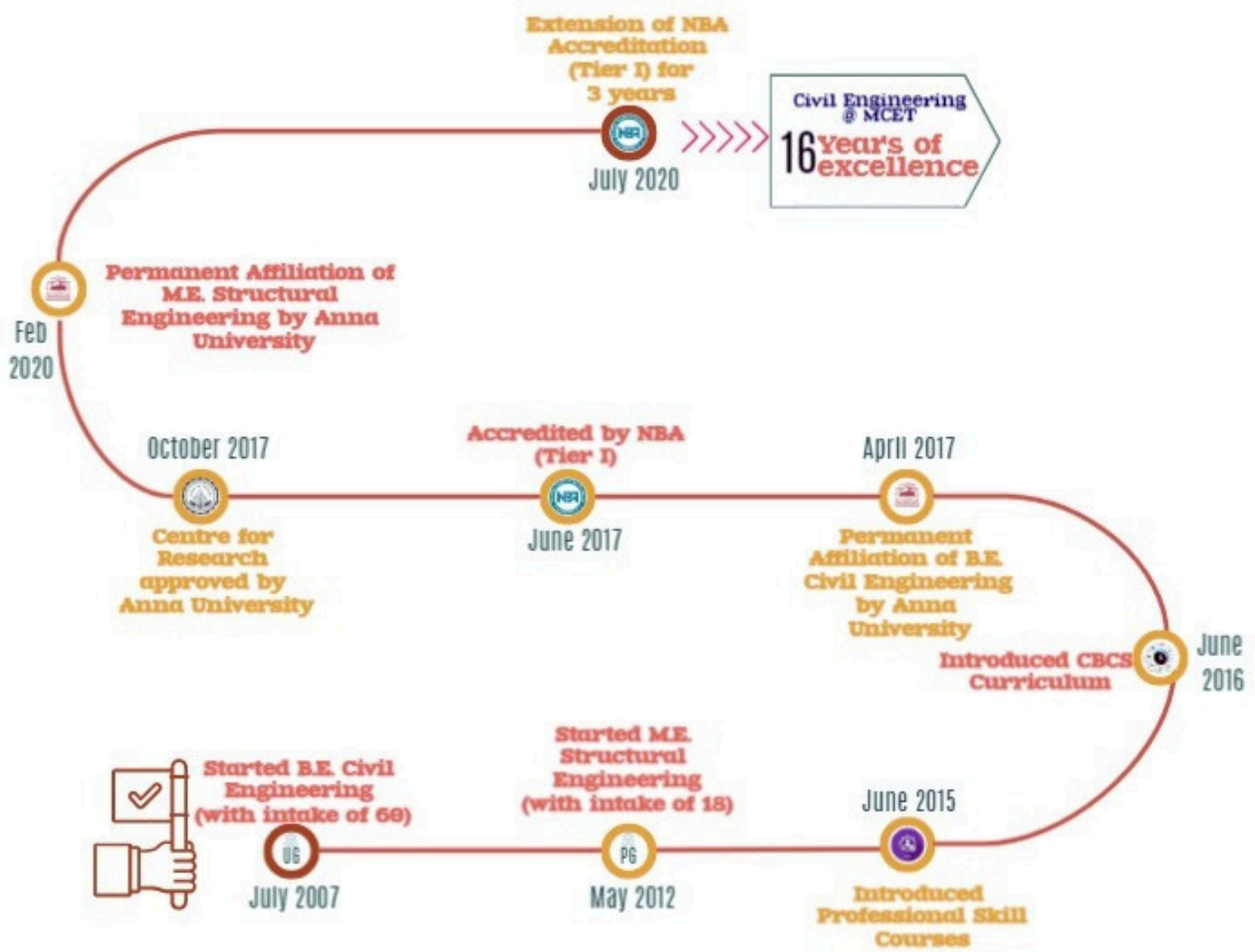
HIGHEST PACKAGE: 5 LPA

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[www.drmmcet.ac.in](http://www.drmmcet.ac.in)

# Department Milestones



## Reach us:



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**M. Nithish Kumar (23BCE312)**