

THE WALL

**News Letter of Department
of Civil Engineering**

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DEPARTMENT OF CIVIL ENGINEERING
Dr.Mahalingam College of Engineering
and Technology,Pollachi

VISION AND MISSION OF THE INSTITUTION

VISION

We develop a globally competitive workforce and entrepreneurs

MISSION

Dr. Mahalingam College of Engineering and Technology, Pollachi endeavors to impart high quality, competency based technical education in Engineering and Technology to the younger generation with the required skills and abilities to face the challenging needs of the industry around the globe. This institution is also striving hard to attain a unique status in the international level by means of infrastructure, state-of-the-art computer facilities and techniques

VISION AND MISSION OF CIVIL DEPARTMENT

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.**

PROGRAMME SPECIFIC OUTCOMES (PSOs)

PSO 1. Design the fundamental elements of civil engineering systems, system components and processes considering safety, quality and cost.

PSO 2. Able to plan and prepare design and construction documents such as specifications, contracts, engineering drawings and construction schedules.

PROGRAMME EDUCATIONAL OBJECTIVES (PEOs)

Our graduates will:

PEO 1. Technical Expertise: Have successful professional careers dealing with analysis, design and management of construction projects globally.

PEO 2. Lifelong Learning: Exhibit attitude, professionalism, ability to communicate with team members and adapt to the latest trends by engaging themselves in lifelong learning.

PEO 3. Ethical Knowledge: Ethically apply their engineering knowledge and skills considering, societal, economic and environmental factors.

PROGRAMME OUTCOMES (POs)

The graduates of Civil Engineering Programme will be able to:

PO 1. Engineering knowledge: Apply knowledge of mathematics, science, engineering fundamentals and an engineering specialization in the field of Civil Engineering.

PO 2. Problem analysis: Identify, formulate, analyze and solve complex problems in construction industries using principles of mathematics, natural sciences and engineering sciences.

PO 3. 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.

PO 4. 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.

PO 5. Modern tool usage: Create, select, and apply appropriate techniques, resources and modern engineering and IT tools including prediction and modeling 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.

PO 7. Environment and sustainability: Understanding the impact of engineering solutions in social environment and demonstrate the knowledge for sustainable expansion.

PO 8. Ethics: Apply ethical principles and commit to professional ethics and the norms of engineering practices.

PO 9. Individual and team work: Function effectively as an individual and as a member or leader in diverse teams and in multidisciplinary settings.

PO 10. 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.

PO 11. 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.

PO 12. Life-long learning: Recognize the need for life long learning and have the ability to engage in independent and life long learning in the context of technological change.



EVENTS THAT TUNED UP DURING 2016 – 2017(ODD SEM)

Experts from various disciplines of Civil Engineering shared their valuable knowledge with the students. Few are listed below:

S.No	Date	Topic	Resource Person	Type of event
1.	14.07.2016	Inauguration of Beavers Association & Lecture on "Bridges"	Mr. A. Arun, Engineering consultant, L & T Infrastructure Engineering Ltd, Chennai.	Guest Lecture
2.	27.07.2016	Where Am I	Intra Department Event Conducted by Students	Beavers Technical event
3.	30.07.2016	Orientation Programme on "Digital Construction"	Er. R. SundaraRajan, Director, & Mr. P. Yuvaraj, Software Engineer, RCI Digital Solutions, Chennai	Orientation Programme
4.	20.08.2016	One Day Conference on "Awareness of Today's Environmental Issues and a Poetry release on "ThanimarangalThoopagum"	Er. R. Elangovan, SE, PWD, Pollachi	Awareness Program
5.	24.08.2016	CAD Maestro	Intra Department Event Conducted by Civil Students	Beavers Technical event
6.	24.09.2016	How to excel in symposium	Given by Final year Students, Civil (2013 Batch)	Beavers Technical event
7.	30.09.2016 & 01.10.2016	Uddeshah 16-17	Inter Department Events Conducted by Students Department Wise	Technical Symposium



CIVIL DEPARTMENT ASSOCIATION- BEAVERS INAGURATION



OUR DEPARTMENT ALUMNI Mr.ARUN FROM L& T CONSTRUCTION ADDRESSING THE STUDENTS



LAUNCH OF BOOK TITLED THANI MARANGAL THOPPAGUM THAT HIGHLIGHTS THE MAJOR ENVIRONMENTAL ISSUES



STUDENTS INTERACTION ON HOW TO EXCEL IN SYMPOSIUM



A GUEST SPEAKER SHARING HIS EXPERIENCE ON “ DIGITAL CONSTRUCTION “

HIGHLIGHTS OF THE DEPARTMENT

- Dr. G. Jaisankar, Prof & Head and Mrs. D. Saranya Devi, AP, organized a One day Conference on “Awareness of Today’s Environmental Issues and a Poetry release on “ThanimarangalThoopagum”.
- Dr. N. Natarajan, Prof, Ms. A. Dhivya, AP, Mr. L. Lokesh, AP attended a workshop on “Water in Noyyal sub basin “status, concerns & future under climate change””
- Mr. L. Lokesh, AP attended a “One Week STTP on “Challenges, Emerging trends & Recent Initiatives in Environmental Engineering”
- Ms. M. Ranjitham, AP attended a “Two day Workshop on “ Soil Structure Interaction Problems and Management”
- Dr. R. Venkatasubramani, Professor and Mr. S. Syed Masoodhu, AP attended “One day workshop on “Foundation Engineering”



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