

The background of the entire page is a close-up photograph of a stone wall. The stones are irregular in shape and color, ranging from light tan to dark brown, with visible mortar joints. A horizontal grey band is positioned across the top of the page, containing the title text.

THE WALL

**News Letter of Department
of Civil Engineering**

**Volume 5
March 2016**

PUBLISHED BY
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 2015 – 2016 (EVEN 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.	06.01.2016	Quiz Competition	Dr. G. Jaisankar, Professor & Head/ Civil, MCET	Beavers Technical event
2.	07.01.2016	Poster Presentation	Dr. G. Jaisankar, Professor & Head/ Civil, MCET	Beavers Technical event
3.	09.01.2016	Student Talent Enhancement Program(STEP) for 2 nd years	Dr. G.S. Venkatasubramani, Proprietor, M/s S.G.Structural Engineer, Coimbatore. Er. S. Kalirajan, Head – Special Initiative (Nuclear), L&T Construction, Chennai. Er. R. Sudhakar, Proprietor and Chief Consultant, Dimensions, Coimbatore. Er. P. Sasikumar, Proprietor, Pragadeesh Constructions, Coimbatore.	Industry Experts and Alumni Interaction
4.	30.01.2016	Student Talent Enhancement Program (STEP) for 1 st years	Er. R. Sudhakar, Proprietor and Chief Consultant, Dimensions, Coimbatore. Mr. Arun Prasath, Project Control & Planning Manager, India Sistemas (Oman Branch) Dr. K. Balasubramaniam, Managing Director, Hi-Tech Concrete Quality Concepts Pvt. Ltd.	Industry Experts and Alumni Interaction
5.	27.02.2016	Paper Presentation	Dr. G. Jaisankar, Professor & Head/ Civil, MCET	Beavers Technical Event
6.	11.03.2016	Uddeshah 15-16	Dr. G. Jaisankar, Professor & Head/ Civil, MCET	Technical Symposium
7.	31.03.2016	Valediction of Beavers Association & Certificate distribution for IGS Chapter	Dr. R. Venkatasubraman, Prof & CoE, MCET	Valediction

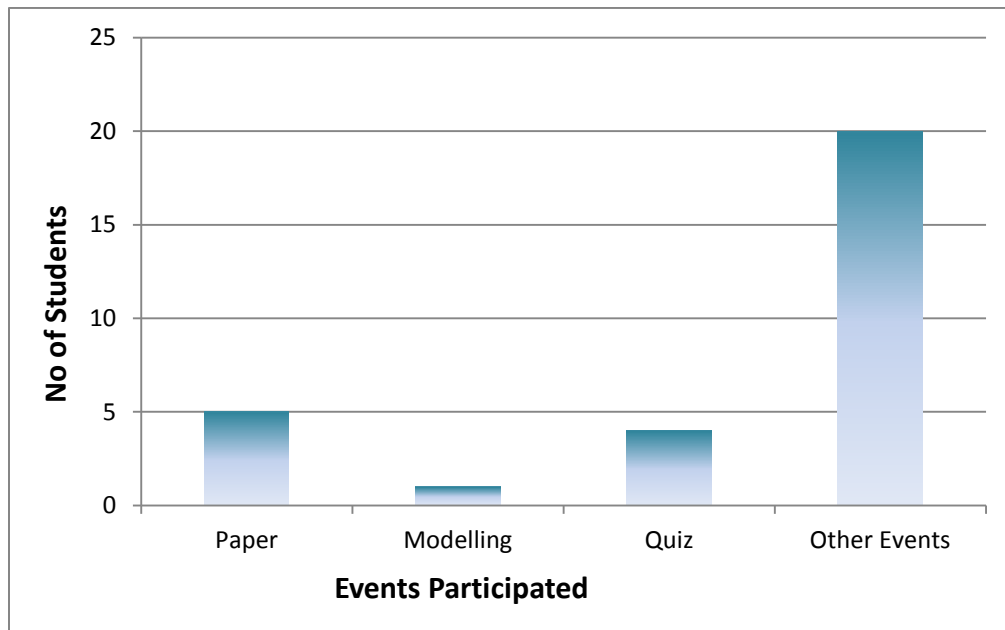


JUDGES EVALUATING THE STUDENTS POSTER PRESENTATION



STUDENTS INTERACTING WITH EXPERTS IN A GUEST LECTURE

STUDENTS PARTICIPATION IN CO-CURRICULAR EVENTS



HIGHLIGHTS OF THE DEPARTMENT

- **Mr.S.Krishnakumar and Mr.P.S.Sathish Kumar organized a two day workshop on “Professional Ethics”.**
- **Mr.A.Manikandan and Mr.P.S.Sathish Kumar organized “Five week ISTE STTP on Technical Communication” for STEM Faculty.**

OUR PROMINENT RECRUITERS



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