

THE WALL

**News Letter of Department of
civil engineerng**

**Volume 2
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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 2014 – 2015 (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. | 31.07.2014 | Inauguration of Civil Engineering Association “Beavers” & lecture on “Industry Expectations from Civil Engineers” | Er. SP. Ramaswamy Head of Engineering, Appaswamy Real Estates, Chennai | Guest Lecture |
| 2. | 09.09.2014 | How to Excel Symposium | Final Year Students – 2011 Batch | Beavers Technical Lecture |
| 3. | 25.10.2014 | Engineers Day Event – Varnam 360 | Dr. G. Jaisankar, Professor & Head/Civil, MCET | Beavers Technical Event |



Student Participants in the lecture on How to Excel Symposium

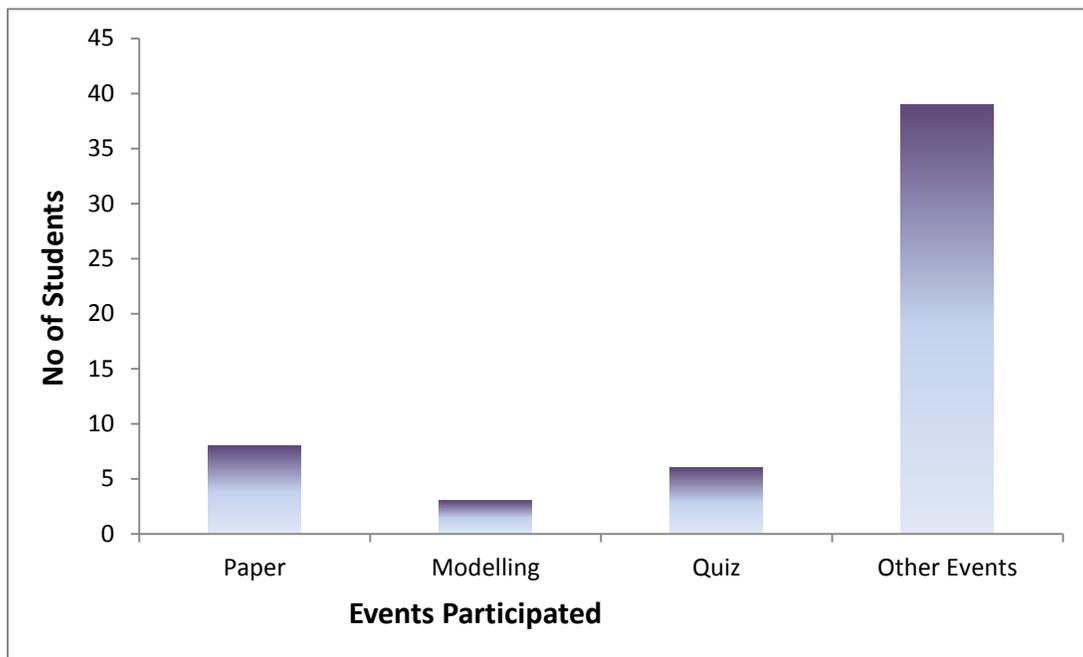


FIRST YEAR ORIENTATION PROGRAM



STUDENTS PARTICIPATION AT ENGINEERS DAY EVENT – VARNAM 360

STUDENTS PARTICIPATION IN CO-CURRICULAR EVENTS



HIGHLIGHTS OF THE DEPARTMENT

- Dr.G.Jaisankar and Mr.S.Krishna Kumar attended the seminar on “ Teaching Learning Series ” to enhance the teaching and learning methodology of the department.
- A three days training on Aptitude and Logical Reasoning is offered to the students to improve their professional skills.
- A two days training on Professional and personality development is offered to the final year students to shape their career.
- An Industrial Visit has been arranged to the III Year students to Bangalore Metro Rail Project.

OUR PROMINENT RECRUITERS



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