

# 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.



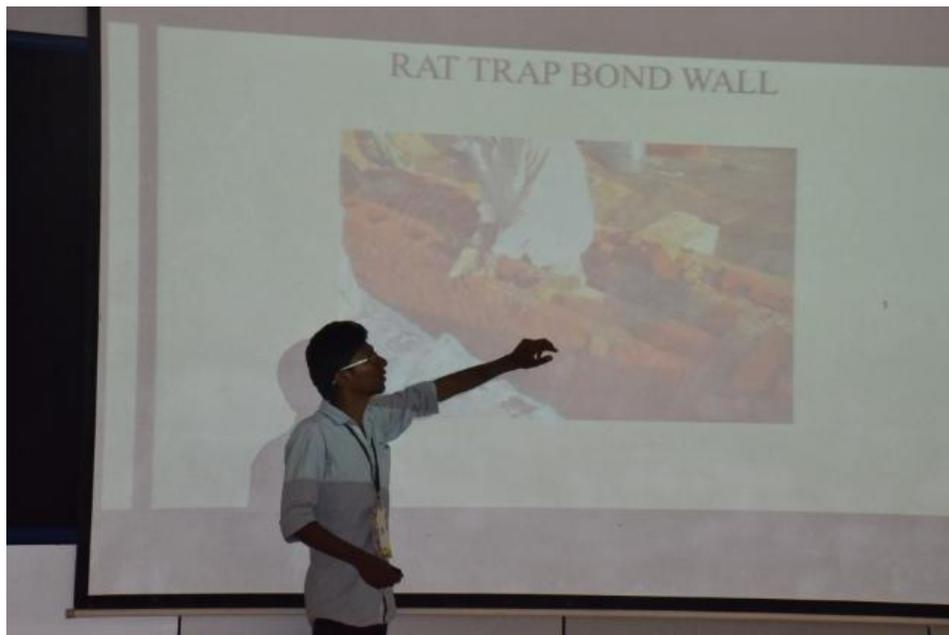
## EVENTS THAT TUNED UP DURING 2014 – 2015 (EVEN SEM)

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.	02.02.2015	Poster Presentation Event	Dr. G. Jaisankar, Professor & Head/Civil, MCET	Beavers Technical Event
2.	11.02.2015	Guest lecture on "Awareness on GATE"	Mr.A.Saravanakumaran Director, GATE Forum, Coimbatore.	Guest Lecture
3.	11.02.2015	Student Talent Enhancement Program(STEP) for I years	<ul style="list-style-type: none"> <li>• Mr. S. Chandra Kumar, Project Management Consultant, M/S Aakkruti Associates, Coimbatore</li> <li>• Mr.S.Sivalingam, Assistant Executive Engineer, PWD Coimbatore</li> <li>• Mr. G. Ganesh, President, Coimbatore Civil Engineers Association, Coimbatore</li> <li>• Mr. D. Rajkumar, Consulting Civil Engineer, Coimbatore.</li> <li>• Mr.E.Venkatachalam, Consulting Civil Engineer, Pollachi</li> </ul>	Industry Experts and Alumni Interaction
4.	17.02.2015	Student Talent Enhancement Program(STEP) for II years	<ul style="list-style-type: none"> <li>• Mr.S.Pitchiya, Former President, Association of Consulting Civil Engineers, Coimbatore.</li> <li>• Mr.T.Ragavendran, Managing Director, M/S Coimbatore Consultants Pvt Ltd.</li> <li>• POSTER TECHNICAL QUIZ AGM, URC Constructions Pvt Ltd., Erode.</li> </ul>	Industry Experts and Alumni Interaction
5.	24.02.2015	Orientation Program for First Years	<ul style="list-style-type: none"> <li>• Mr. S. Pitchiya, Former President, Association of Consulting Civil Engineers, Coimbatore.</li> <li>• Er. A. Sudhahar, Proprietor and Chief consultant, Dimensions, Coimbatore.</li> </ul>	Orientation Program
6.	02.03.2015	Technical Quiz	Dr. G. Jaisankar, Prof & Head/Civil, MCET	Beavers Technical Event
7.	13,14.03.2015	Techsym'15	Dr. G. Jaisankar, Prof & Head/Civil, MCET	Technical Symposium
8.	16.03.2015	Model Making	Dr. G. Jaisankar, Prof & Head/Civil, MCET	Beavers Technical Event
9.	24.03.2015	Paper Presentation	Dr. G. Jaisankar, Prof & Head/Civil, MCET	Beavers Technical Event



**A Student presenting her idea in Poster Presentation**



**A student is presenting his paper in Paper Presentation event in Techsym'15**

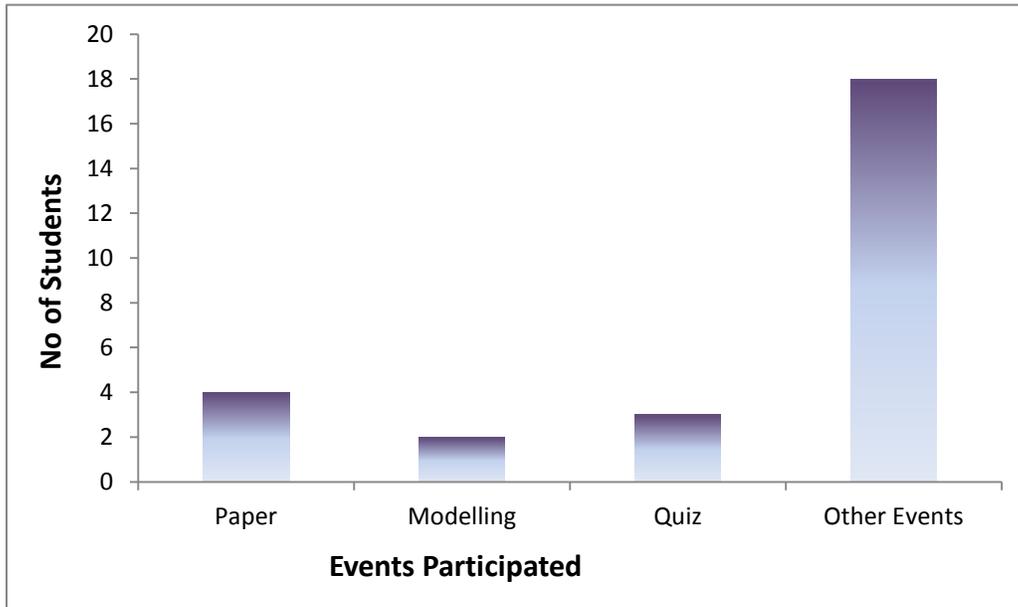


**STUDENTS ACTIVE PARTICIPATION IN BEAVERS EVENT**



**INAGURATION OF STUDENT TALENT ENHANCEMENT PROGRAM**

## STUDENTS PARTICIPATION IN CO-CURRICULAR EVENTS



## HIGHLIGHTS OF THE DEPARTMENT

- **Dr.G.Jaisankar** attended the “ **In Pursuit of Excellence in Engineering Education through Innovation**” **Mission 10X Academic Leadership** workshop conducted ny **Wipro Technologies, Bangalore.**
- **Mr.L.Lokesh** attended the “**Global Renewable Energy Summit**” which is held at **Bangalore.**
- **Few of the students** are placed in **URC Constructions, Erode** and **Arun Excello Group of Companies, Chennai.**



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