



**ERODE SENGUNTHAR  
ENGINEERING COLLEGE**

**DEPARTMENT OF CIVIL  
ENGINEERING**



# **NEWSLETTER 2025-2026 VOL I**



**Principal Message**

**Dr.V. Venkatachalam, B.E., M.S.,M.E., Ph.D.**  
Principal  
Erode Sengunthar Engineering College



*Ensuring quality  
higher education  
is one of the most important things  
we can do for future generations.*

I am extremely pleased to write this message for the viewers of our college website. We at ESEC focus on engineering education to keep pace with mighty changes and challenges occurring today in this technological era. The management is very keen in providing high quality technical education at affordable costs to the students hailing from rural areas. We are happy that their aim is fulfilled to a large extent.

Apart from academics we encourage and ensure the development of our students in extracurricular and co-curricular activities to shape them as complete personalities. We endeavor to equip our graduates with global technical knowledge, at the same time, honing their soft skills so that they can best excel in their career. Also, we motivate and facilitate our students for attaining leadership qualities.

I am happy that our prestigious alumni are proving their worth to the organizations they are employed in. They are not only carving their bright career, but also enhancing the image of their alma-mater. Students who opt for their technical education in ESEC will enjoy a wonderful future with bright career options, globally.

Hope your journey with ESEC will give you a new outlook.

**Success begins here.....**

*–All your derams can come true if you have the courage to pursue them!*

*-Walt Disney*



## Civil Engineering

### About Us

The Department of Civil Engineering was established in 2002 with an intake of 60 students and offers the B.E. Civil Engineering program. AICTE later approved two postgraduate programs: M.E. Environmental Engineering in 2012–13 with an intake of 18, and M.E. Structural Engineering in 2023–24 with an intake of 24. The B.E. Civil Engineering and M.E. Environmental Engineering programs are permanently affiliated to Anna University, Chennai, and the B.E. program has enjoyed NBA accreditation since 2013. The institution received Autonomous status in 2019, enabling the department to implement outcome-based and industry-relevant curriculum. The department has a dedicated and highly qualified faculty team specializing in Structural Engineering, Construction Engineering and Management, Remote Sensing and GIS, Environmental Engineering, and Geotechnical Engineering. All laboratories are well equipped with modern instruments and supported by trained non-teaching staff. The department actively engages in research and consultancy, with official approval for material testing from the District Collectorate.

Over the years, the department has produced thirty-seven university ranks at the undergraduate level and seven ranks, including one gold medal, in the postgraduate program. To strengthen industry–institute interaction, technical symposia, seminars, workshops, guest lectures, and conferences are organized regularly. Students are encouraged to attend internships, industrial visits, alumni interactions such as “Leaders Talk,” and various co-curricular and extracurricular activities. Faculty and students also hold memberships in professional bodies like ISTE and the Indian Concrete Institute.



#### Success never stops

##### B.E. Civil Engineering

🕒 4 Years

##### M.E. Environmental Engineering

🕒 2 Years

##### M.E. Structural Engineering

🕒 2 Years

**The elevator to success is out of order. You'll have to use the stairs, one step at a time!**

**- Joe Girard**



## Message from HOD

**Dr.K.M.Gopalakrishnan, B.E.,M.E., Ph.D.**  
**Head of the Department,**  
**Civil Engineering,**  
**Erode Sengunthar Engineering College**



It gives me immense pleasure to extend my warm greetings to all students, faculty members, alumni, and stakeholders of the Department of Civil Engineering, Erode Sengunthar Engineering College. Civil Engineering is a noble profession that plays a vital role in shaping society by planning, designing, constructing, and maintaining infrastructure essential for sustainable development.

Our department is committed to imparting quality technical education combined with ethical values, innovation, and social responsibility. We strive to create a strong academic foundation through a well-structured curriculum, experienced faculty, state-of-the-art laboratories, and industry-oriented training. Emphasis is given to practical learning, research activities, consultancy, and exposure to emerging technologies such as sustainable construction practices, smart infrastructure, and advanced surveying techniques.

We encourage our students to actively participate in technical events, internships, industrial visits, and community-oriented projects to enhance their professional competence and leadership skills. The department also promotes collaborative learning, interdisciplinary research, and continuous interaction with industry and professional bodies.

I am proud of our students for their academic achievements, placements, and contributions to society. I sincerely appreciate the dedication of our faculty members in mentoring young engineers. I wish all our students a successful and fulfilling academic journey and encourage them to uphold the values of professionalism, integrity, and lifelong learning.

With best wishes for a bright future.

*Civil engineers shape the world not just with concrete and steel, but with vision, responsibility, and innovation.  
Every structure we build carries the promise of a better tomorrow.*





## VISION

To emerge as a leading department for Education, Training and Research in Civil Engineering for realizing socio-economic progress of the country in a sustainable manner.



## MISSION

### Advancement in Civil Engineering:

To educate students on design, construction, maintenance and advancements in Civil Engineering for providing solutions to the betterment of the society.

### Best Practices:

To enrich and enhance the knowledge on best practices in various areas of Civil and allied engineering through collaborations with global institutions of excellence, industries and research organizations.

### Industrial and societal relevance:

To offer world class undergraduate, postgraduate and research programs of industrial and societal relevance in Civil Engineering.

### Global challenges with ethical standards:

To produce high professional Civil Engineers to address global challenges with ethical standards.



## PROGRAMME EDUCATIONAL OBJECTIVES

### PEO I: Societal Development

Graduates will contribute in the Civil Engineering field for the development of nation and society.

### PEO II: Knowledge and Skills

Graduates will have sufficient knowledge to perform as Professional Engineers in the field of Civil Engineering.



### PEO III: Higher Education

Graduates will have the ability to pursue higher studies in institutions of international repute and will undertake research for offer solution to the industrial relevance.

### PEO IV: Professional Ethics

Graduates will have the attitude to engage in continuous professional development with ethical standards and to remain current in their field work.



## ASSOCIATION OFFICE BEARER 2k25



**KARTHICKRAJAN.R.M**  
B.E-IV Yr  
**PRESIDENT**



**FELIXNIKESHRAJ.R**  
B.E-IV Yr  
**SECRETARY**



**VASANTH.S**  
B.E-IV Yr  
**TREASURER**



**KAVIN.M**  
B.E-III Yr  
**VICE-PRESIDENT**



**KISHORE.G**  
B.E-III YR  
**VICE-SECRETARY**  
ASSOCIATION MEMBERS



**DEEPAK.E**  
B.E-III YR  
**VICE-TREASURER**

**VETRIVEL R**  
B.E-III Yr  
**RAHUL S**  
B.E-II Yr

**NAVEENKUMAR G**  
B.E-III Yr  
**GOWSHIK S T**  
B.E-II Yr

**LAVANYA M**  
B.E-III Yr  
**ABI D**  
B.E-II Yr

**SREE VARSHINI R**  
B.E-III Yr  
**DHARSHINI A T**  
B.E-II Yr





# CIVIL DEPARTMENT-RESEARCH CENTRE



Happy to share that the Civil Engineering Department has officially approved the establishment of our Research Centre.

A new vision begins, empowering innovation and excellence. This centre will pave the way for advanced studies and breakthroughs. Together, we step into a future of discovery and growth. Strengthening our commitment to quality, knowledge, and service. Proud moment for our department and the entire institution. Let's build the future with research-driven transformation.

**CENTRE FOR RESEARCH**  
ANNA UNIVERSITY  
CHENNAI - 600 025

Dr. M. Kanthababu  
Director

Telephone : +91 44 225 7154/7766  
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Email : [civresearch@annauniv.edu](mailto:civresearch@annauniv.edu)  
[civresearch@gmail.com](mailto:civresearch@gmail.com)

Lr.No: 2707/RDR/Civil/AR2

To  
The Principal  
Erode Sengunthar Engineering College (Autonomous),  
Perundurai,  
Erode 638057

Sir/Madam,

Sub : Anna University - Research Department Recognition - Department of Civil Engineering - Orders - Issued.  
Ref : Your Application No.: 16IR2863

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I am by direction to inform that the Department of Civil Engineering of your Institution has been recognized as a Research Department with effect from 20.08.2025 for a period of three years upto 30.06.2028 as per common renewal session.

The recognized supervisors working in the above Department may be permitted to guide the candidates to carry out Ph.D./M.S.(By Research) programme relevant to their field of specialization. Please refer to Ph.D. and M.S.(By Research) Regulations for additional information.

The above recognition shall be renewed once in three years in compliance with the required norms for Research Department as applicable.

In all future correspondence quote "4270705" for reference.

The next renewal application (available in [civ.annauniv.edu](http://civ.annauniv.edu)) on fulfilling norms as applicable at the time of renewal along with the renewal fee shall be sent to this office. Renewal can be done three months prior to last date.

The faculty members of the Department can interact with Anna University for collaborative research for the purpose of pursuing Ph.D./M.S.(By Research) programme.

M. Kanthababu  
DIRECTOR

## CIVIL DEPARTMENT RESEARCH CENTRE



*– Take time to deliberate; but when the time for action arrives, stop thinking and go on. – Napoleon Bonaparte*





## EVENTS ORGANIZED

A session on **“From Soil to Startup: Bridging Geotechnical Science and Business”** was conducted on **16.07.2025**, offering insights into turning geotechnical expertise into business opportunities. **Er. A.T. Manikandan** shared case studies, strategies, and innovative soil engineering applications, motivating learners to link technical skills with entrepreneurship and explore geotechnical startup possibilities.



A session on **“Optimizing Interior Spaces Using Sustainable and Efficient Design Practices”** was delivered by **Er. Udhaya Kumar M., Project Manager, ITP Limited, Hyderabad** on **04.08.2025**. The program highlighted modern interior design approaches focusing on sustainability, energy efficiency, material selection, and user-centric planning. Participants gained valuable insights into creating functional, eco-friendly spaces that balance aesthetics, performance, and long-term environmental responsibility.

On **07.08.2025**, a session on **“Innovative Ideas to Crack Competitive Exams”** was conducted by **Mr. Sathiskumar A., Reasoning Trainer and Team Lead, Salem**. He shared smart learning techniques, logical thinking strategies, and effective preparation methods that helped students enhance problem-solving skills and boost confidence for various competitive examinations.



On **10.10.2025**, a session on **“Effective Site Work Management: Best Practices in Civil Engineering Projects”** was delivered by **Er. Manikandan S., Project Manager, Tirumalai Construction, Erode**. The session emphasized efficient planning, resource coordination, safety protocols, quality control, and the importance of real-time monitoring at construction sites. Participants gained practical insights into improving productivity, minimizing delays, and ensuring systematic execution of civil engineering projects through proven site management strategies.



## ENGINEERS' DAY CELEBRATION

The **Engineers Day Celebration** held on **15.09.2025** featured a variety of engaging and skill-enhancing technical events. The day included a **Cube Contest**, where students tested concrete strength with accuracy, and a **Brick Modelling Competition**, promoting creativity and practical understanding of materials. A competitive **CADD Contest** showcased students' drafting and design skills, while the **Connection Event** challenged participants to identify and assemble structural connections. Additionally, a **Poster Presentation** event allowed students to display innovative engineering ideas through visually engaging concepts. The celebration encouraged teamwork, innovation, and technical excellence, reflecting the true spirit of engineering.



The **Poster Presentation** showcased innovative civil engineering project ideas, including **green concrete**, **soil stabilization using waste materials**, **smart drainage systems**, and **seismic-resistant building concepts**. Students effectively presented their models, promoting creativity, research skills, and technical communication during the Engineers Day celebration.



**Connection Event** tested students' understanding of structural detailing by identifying and assembling components such as **beam-column joints**, **lap splices**, **anchor bolts**, **gusset plates**, and **reinforcement layouts**. The activity enhanced practical knowledge of load transfer, member connectivity, and construction detailing.



**Brick Modelling Competition** encouraged students to create structural forms using bricks, demonstrating their understanding of **bonding patterns**, **load distribution**, and **construction techniques**, while showcasing **creativity**, **precision**, and **hands-on masonry skills**.



**Cube Contest** showcased students' **creativity, precision, and engineering skills**. Participants demonstrated **problem-solving, spatial understanding, hands-on construction techniques, and teamwork**, while effectively applying **practical structural concepts** and innovative ideas in designing and building cube structures.



**CADD Contest** encouraged students to demonstrate **technical drawing, design accuracy, and computer-aided drafting skills**. Participants showcased **creativity, precision, and attention to detail**, applying **engineering concepts and innovative solutions** to produce professional-quality **2D and 3D models** efficiently.

## TECHNICAL DEBATE CONCRETE STRUCTURES VS STEEL STRUCTURES

**Technical Debate on Concrete Structures vs Steel Structures**, held on 16.10.2025, engaged students in analyzing **strength, durability, cost-effectiveness, and sustainability** of both materials. Participants showcased **research, critical thinking, and communication skills**, promoting **teamwork, problem-solving, and innovative engineering reasoning**. The event provided a **platform for technical knowledge sharing** and encouraged **practical understanding of modern construction practices**.





## PROJECTS DONE BY STUDENTS

Batch	Register No	Student Name	Project Title
1	730422103001	Aadhinandha	Optimized Layout and Design of Multi-Storey Buildings for Natural Ventilation and Day lighting in Tropical Climates
	730422103005	Felixnikeshraj R	
	730422103008	Harishka K	
2	730422103009	Jeeva Cr	Planning, Analysis, and Design of Green Sync Library
	730422103011	Karthickrajan Rm	
	730422103013	Karthikeyan P	
3	730422103012	Karthika B	Design of a Electric Vehicle Showroom and Charging Hub with Integrated Solar Energy and Battery Storage
	730422103007	Gokulakrishnan A	
	730423103303	Kathirvel R	
4	730422103018	Nandhakumar G	Planning, Analysis, and Design of Shopping Mall
	730422103025	Sundaramoorthi P	
	730422103023	Sonal Kumar	
5	730422103019	Radhakrishnan S	Optimal Design and IoT-Based Monitoring of Earthquake-Resistant RCC Structures
	730422103004	Deepika M	
	730422103010	Jeevan R	
6	730422103021	Renugadevi S	Planning, Analyzing and Design of Multi - specialty Hospital building
	730422103014	Kavinsaravana V	
	730422103022	Sanjai M	
	730423103301	Aravind P	
7	730422103002	Ajaykumar	Design of a School building with Solar roofing system
	730422103006	Gokul As	
	730422103016	Sharukh Alam Md	
8	730422103024	Sriram M	Planning, Designing and Analyzing a Luxury Hotel ,Emphasizing Both Elegance And Structural Elements
	730422103026	Surya P	
	730422103015	Manishkumar	
	730422103028	Vinay Kumar	
9	730422103027	Vasanth S	Smart Multistory Parking Planning, Designing and Analysis with IOT Enabled
	730423103302	Jayanth R	
	730422103021	Rameshkannan G	



## STUDENTS PARTICIPATION

## WORKSHOP / WEBINAR / SEMINAR PARTICIPATION

S. No.	Name of the Student	Date	Name of the Organiser & Details
1	Bhuvaneshwaran V	13.08.2025	Workshop on Advanced 3D printing materials and techniques for smart construction, SRM Institute of Science and Technology, Kattankulathur
2	Rajesh Perumal P	13.08.2025	Workshop on Advanced 3D printing materials and techniques for smart construction, SRM Institute of Science and Technology, Kattankulathur
3	Arjun E	13.08.2025	Workshop on Advanced 3D printing materials and techniques for smart construction, SRM Institute of Science and Technology, Kattankulathur
4	Sanjay S	13.08.2025	Workshop on Advanced 3D printing materials and techniques for smart construction, SRM Institute of Science and Technology, Kattankulathur
5	Rahul S	13.08.2025	Workshop on Advanced 3D printing materials and techniques for smart construction, SRM Institute of Science and Technology, Kattankulathur
6	Siva Harish T	13.08.2025	Workshop on Advanced 3D printing materials and techniques for smart construction, SRM Institute of Science and Technology, Kattankulathur



7	Kamalesh S	13.08.2025	Workshop on Advanced 3D printing materials and techniques for smart construction, SRM Institute of Science and Technology, Kattankulathur
8	Danish K	13.08.2025	Workshop on Advanced 3D printing materials and techniques for smart construction, SRM Institute of Science and Technology, Kattankulathur
9	Dinesh Kumar G	13.08.2025	Workshop on Advanced 3D printing materials and techniques for smart construction, SRM Institute of Science and Technology, Kattankulathur



10	Sivaji S	13.08.2025	Workshop on Advanced 3D printing materials and techniques for smart construction, SRM Institute of Science and Technology, Kattankulathur
11	Karthickrajan R M	13.08.2025	Workshop on Advanced 3D printing materials and techniques for smart construction, SRM Institute of Science and Technology, Kattankulathur
12	Surya P	13.08.2025	Workshop on Advanced 3D printing materials and techniques for smart construction, SRM Institute of Science and Technology, Kattankulathur
13	Abi D	11.09.2025	Workshop on Special Concrete, Annapoorana Engineering College, Salem
14	Dharshini A T	11.09.2025	Workshop on Special Concrete, Annapoorana Engineering College, Salem
15	Sowndharya M	11.09.2025	Workshop on Special Concrete, Annapoorana Engineering College, Salem
16	Legasri S	11.09.2025	Workshop on Special Concrete, Annapoorana Engineering College, Salem



17	Bharanidharan R	20.09.2025	Workshop on Eco-Friendly practices in soil testing , Kongunadu college of Engineering and Technology, Trichy
18	Karthickraja A	20.09.2025	Workshop on Eco-Friendly practices in soil testing , Kongunadu college of Engineering and Technology, Trichy
19	Seenivasan S	20.09.2025	Workshop on Eco-Friendly practices in soil testing , Kongunadu college of Engineering and Technology, Trichy
20	Hemnath R	20.09.2025	Workshop on Eco-Friendly practices in soil testing , Kongunadu college of Engineering and Technology, Trichy
21	Rithik E	20.09.2025	Workshop on Eco-Friendly practices in soil testing , Kongunadu college of Engineering and Technology, Trichy
22	Balaji G	20.09.2025	Workshop on Eco-Friendly practices in soil testing , Kongunadu college of Engineering and Technology, Trichy
23	Tamilselvan S	20.09.2025	Workshop on Eco-Friendly practices in soil testing , Kongunadu college of Engineering and Technology, Trichy



24	Janarthana Babu A.S	20.09.2025	Workshop on Eco-Friendly practices in soil testing , Kongunadu college of Engineering and Technology, Trichy
25	Dibyanshu Kumar	22.09.2025 - 26.09.2025 22.09.2025	Advanced Materials and Manufacturing: Characterization and Applications , National Institute of Technology Karnataka, Surathkal
26	Kavin M	- 26.09.2025	Advanced Materials and Manufacturing: Characterization and Applications , National Institute of Technology Karnataka, Surathkal



27	Kishore G	22.09.2025 -	Advanced Materials and Manufacturing: Characterization and Applications , National Institute of Technology Karnataka, Surathkal
28	Fazlul Haque	26.09.2025 22.09.2025	Advanced Materials and Manufacturing: Characterization and Applications , National Institute of Technology Karnataka, Surathkal
29	Rohit Kumar	26.09.2025 22.09.2025	Advanced Materials and Manufacturing: Characterization and Applications , National Institute of Technology Karnataka, Surathkal
30	Keerthi S	29.09.2025	Workshop on AI Nexus - Civil Engineering, Kongunadu college of Engineering and Technology, Trichy
31	Ajitha M	29.09.2025	Workshop on AI Nexus - Civil Engineering, Kongunadu college of Engineering and Technology, Trichy
32	Abinaya M	29.09.2025	Workshop on AI Nexus - Civil Engineering, Kongunadu college of Engineering and Technology, Trichy



33	Saveetha M	29.09.2025	Workshop on AI Nexus - Civil Engineering, Kongunadu college of Engineering and Technology, Trichy
34	Mukilarasi M	29.09.2025	Workshop on AI Nexus - Civil Engineering, Kongunadu college of Engineering and



Technology, Trichy

- |    |                  |                               |   |
|----|------------------|-------------------------------|---|
| 35 | Sonal Kumar      | 10.10.2025<br>&<br>11.10.2025 | Workshop on Geospatial visualization google sketchup , SRM Institute of Science and Technology, Chennai   |
| 36 | Fazlul Haque     | 10.10.2025<br>&<br>11.10.2025 | Workshop on Geospatial visualization google sketchup , SRM Institute of Science and Technology, Chennai   |
| 37 | Dibyanshu Kumar  | 10.10.2025<br>&<br>11.10.2025 | Workshop on Geospatial visualization google sketchup , SRM Institute of Science and Technology, Chennai   |
| 38 | Rohit Kumar      | 10.10.2025<br>&<br>11.10.2025 | Workshop on Geospatial visualization google sketchup , SRM Institute of Science and Technology, Chennai   |
| 39 | Surya P          | 10.10.2025                    | Hands on Training on "Blueprint to budget: A practical Training on BOQ and cost analysis", Coimbatore Institute of Engineering and Technology, Coimbatore |
| 40 | Suresh M         | 10.10.2025                    | Hands on Training on "Blueprint to budget: A practical Training on BOQ and cost analysis", Coimbatore Institute of Engineering and Technology, Coimbatore |
| 41 | Praveen S        | 10.10.2025                    | Hands on Training on "Blueprint to budget: A practical Training on BOQ and cost analysis", Coimbatore Institute of Engineering and Technology, Coimbatore |
| 42 | Rithik E         | 10.10.2025                    | Hands on Training on "Blueprint to budget: A practical Training on BOQ and cost analysis", Coimbatore Institute of Engineering and Technology, Coimbatore |
| 43 | Boobalan D       | 10.10.2025                    | Hands on Training on "Blueprint to budget: A practical Training on BOQ and cost analysis", Coimbatore Institute of Engineering and Technology, Coimbatore |
| 44 | Gokul A S        | 10.10.2025                    | Hands on Training on "Blueprint to budget: A practical Training on BOQ and cost analysis", Coimbatore Institute of Engineering and Technology, Coimbatore |
| 45 | Karthikeyan P    | 11.10.2025                    | Workshop on Role of nano technology in Green Energy Solutions , Selvam College of Technology, Trichy  |
| 46 | Felixnikeshraj R | 11.10.2025                    | Workshop on Role of nano technology in Green Energy Solutions , Selvam College of   |



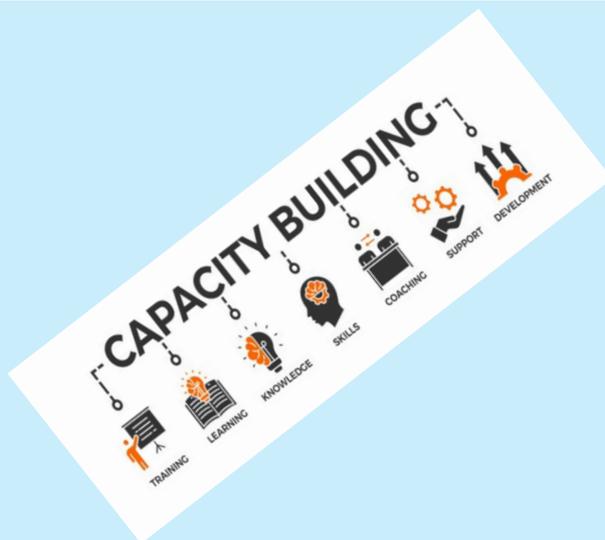


Technology, Trichy

**BUILDING**



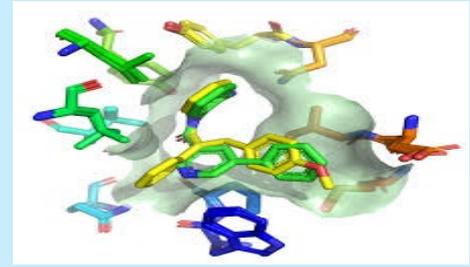
47	Karthickrajan R M	11.10.2025	Workshop on Role of nano technology in Green Energy Solutions , Selvam College of Technology, Trichy
48	Surya P	11.10.2025	Workshop on Role of nano technology in Green Energy Solutions , Selvam College of Technology, Trichy
49	Kamalesh S	11.10.2025	Workshop on Role of nano technology in Green Energy Solutions , Selvam College of Technology, Trichy
50	Kavinsaravana V	24.10.2025	Workshop on Media Thinking , KPR Institute of Engineering and Technology
51	Gokulakrishnan A	24.10.2025	Workshop on Media Thinking , KPR Institute of Engineering and Technology
52	Harishka K	24.10.2025	Workshop on Media Thinking , KPR Institute of Engineering and Technology
53	Renugadevi S	24.10.2025	Workshop on Media Thinking , KPR Institute of Engineering and Technology
54	Kathirvel R	24.10.2025	Workshop on Media Thinking , KPR Institute of Engineering and Technology





## TECHNICAL EVENTS

Deepak E and Kavin M, studying in III/V, and Janarthana Babu A.S and Surya M studying in II/III, participated in the **CADD IT event** held at KSR College of Engineering, Namakkal, on 11.10.2025.



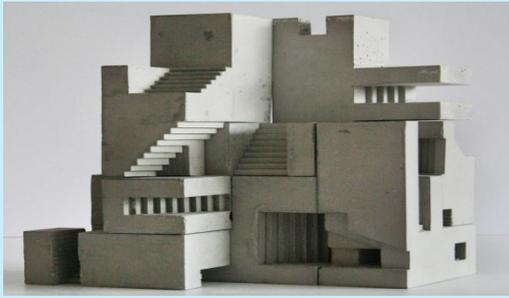
Sakthi Priyan N and Gowshik S T, Kamaleshganth L A and Rahul S, studying in II/III, participated in the **Code Cracking event** held at KSR College of Engineering, Namakkal on 11.10.2025.

Karthickrajan R M and Felixnikeshraj R IV/VII year students, secured **First Prize** in the **Connection and CADD** events respectively, held at Selvam College of Technology on 11.10.2025.



Kavinsaravana V ,Gokulakrishnan A, Harishka K , Renugadevi S, Kathirvel R , Ajitha M, Keerthi S, Mousika A, Mukilarasi M, Saveetha M are participated in the **Connection event** held at KPR Institute of Engineering and Technology on 24.10.2025.





Boobesh S, Rithik E, and Praveen S participated in the Concrete Miniature Sculpture event held at Velalar College of Engineering and Technology on 24.10.2025.

Suresh M and Boobalan D studying II year students of Velalar College of Engineering and Technology, participated in the Concrete Cube Contest and won the 2nd prize on 24.10.2025.



### PAPER PRESENTATION



Rahul S, Sakthi Priyan N, and Kamaleshganth L A, II/III year students, participated in PRASIDHI '25, a National Level Technical Symposium, by presenting a paper on Nano Technology in Civil Engineering at Kongu Engineering College, Erode, on 06.08.2025.



Sree Varshini R, Lavanya M, Pranesh Karthick K R K, and Maharaja K participated in the National Level Technical Symposium – Harness Your Diverse Intelligence by presenting a paper on Advanced 3D Concrete Printing, while Mythili M, Jayalakshmi V, and Rohini S presented a paper on Smart Sustainable Cities at Sri Sai Ranganathan Engineering College, Coimbatore, on 19.09.2025.

Our Civil Engineering students including Jeeva CR, Karthikeyan P, Karthickrajan RM, Renugadevi S, Kavinsaravana V, Aravindh P, Sanjai M, Manish Kumar, Sriram M, Surya P, Radhakrishnan S, Kavin M, Deepak E, Felixnikeshraj R, Harishka K, Aathinandha R, Vasanth S, Jayanth R, Ramaesh Kannan G, Karthika B, Gokulakrishnan A, Kathirvel R, Gokul





A S, Shahrulkham M D, and Ajay Kumar actively participated in various editions of the **International Conference on Innovative, Sustainable Materials and Technologies** by presenting research papers at **Aditya University, Andhra Pradesh**, held on **19.09.2025** and **20.09.2025**.



Vetrivel R, Kishore G, and Naveen Kumar G participated in the 58th Engineers Day Celebration and won I Prize for their paper presentations on **Automation in Civil Engineering** at **Sona College of Technology, Salem**, held on **25.09.2025**.

*Congratulations!*



Rahul S, Kamaleshganth L A, Kavin M, and Deepak E participated in the **National Level Technical Symposium SPRING FEST 2K25** at **KSR College of Engineering, Namakkal** on **11.10.2025**, presenting papers on **Fire Resistant Gel and Automation and Sustainability in Civil Engineering**.

Janarthana Babu A.S, Surya M, and Bharanidharan R participated in the **National Level Technical Symposium SPRING FEST 2K25** at **KSR College of Engineering, Namakkal** on **11.10.2025**, presenting posters on **Precast Structures and Earthquake Resistant Structures**.





Mythili M, Dharshini A T, and Saveetha M, Felixnikeshraj R and Surya P, Karthikeyan P, Nandhakumar G, and Karthickrajan R M, Kamalesh S are participated and presented in National Level Technical Symposium SCT-TRITECH - 2K25 held at Selvam College of Technology on 11.10.2025.

Kavinsaravana V, Gokulakrishnan A, Harishka K, Renugadevi S, Kathirvel R and Ajitha M, Keerthi S, Mousika A, Mukilarasi M, Saveetha M participated in the Paper Presentation event at the National Level Technical Symposium – Kalliktares'25, held at KPR Institute of Engineering and Technology on 24.10.2025.



### EXTRACURRICULAR ACTIVITIES

Gowshik S T, Sakthi Priyan N, Dineshkumar G, Kamalesh S, Arjun E, Sanjai M, Aathinandha R, and Kathirvel R from II / III, III / V, and IV / VII participated in a Blood Donation camp organized by Erode Sengunthar Engineering College, Thudupathi on 13.08.2025 and by the Lions Club of Erode Supreme Charitable Trust Blood Centre on 12.09.2025.



Bhuvaneshwaran N, Rahul S, and Sakthi Priyan N from II / III participated in the Free Fire event held at K. Ramakrishnan College of Technology, Trichy on 15.10.2025, in which Sakthi Priyan N secured I place and Bhuvaneshwaran N and Rahul S secured II place.

Karthikeyan P, Felixnikeshraj R, and Karthickrajan R M from IV / VII participated in the Connection event held at Selvam College of Technology, Trichy on 11.10.2025.



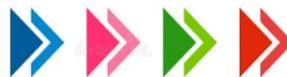


## INTERNSHIP BY STUDENTS

- Felixnikeshraj R, Nandha Kumar G , Radhakrishnan S and Sundaramoorthi P of IV year Civil Engineering has undergone Industrial Training at Sree Balaaji Construction and Vasthu Planners, Kavindapadi from 17.06.2025 to 30.06.2025.
- Harishka K ,Renunga Devi S of IV year Civil Engineering has undergone Industrial Training at Sree Balaaji Consultant & Contractor Planners, Kavindapadi from 17.06.2025 to 30.06.2025.
- Vasanth S of IV year Civil Engineering has undergone Industrial Training at KSM Builders, Madurai from 17.06.2025 to 30.06.2025.



- Jeeva C R, Karthikrajan R M, Sanjai.M, Surya P of IV year Civil Engineering has undergone Industrial Training at Sai Associates, Tirupur from 17.06.2025 to 30.06.2025.
- Karthika B, Deepika M of IV year Civil Engineering has undergone Industrial Training at M S Charan Builder's PVT.Ltd, Chennai from 17.06.2025 to 30.06.2025.
- Gokula A.S, Gokulakrishnana A, Kavin Saravanana V, Aravindh P, Jayanth R, Karthirvel R of IV year Civil Engineering has undergone Industrial Training at Kavin Construction and Survey (KCS), Erode from 17.06.2025 to 30.06.2025.
- Sonal Kumar of IV year Civil Engineering has undergone Industrial Training at LEA Associates, New Delhi from 20.06.2025 to 20.07.2025.





PLACEMENT



KARTHICKRAJAN R M  
ARROW REBAR  
SERVICES, SALEM



GOKULAKRISHNAN A  
ARROW REBAR  
SERVICES, SALEM



ARAVINDH P  
ARROW REBAR  
SERVICES, SALEM



JAYANTH R  
ARROWREBAR  
SERVICES, SALEM



KARTHIGA B  
TEAM DETAILING  
SOLUTIONS PVT LTD,  
CHENNAI



RENUGADEVI R  
TEAM DETAILING  
SOLUTIONS PVT LTD,  
CHENNAI



VASANTH S  
TEAM DETAILING  
SOLUTIONS PVT LTD,  
CHENNAI



RADHAKRISHNAN S  
TEAM DETAILING  
SOLUTIONS PVT LTD,  
CHENNAI

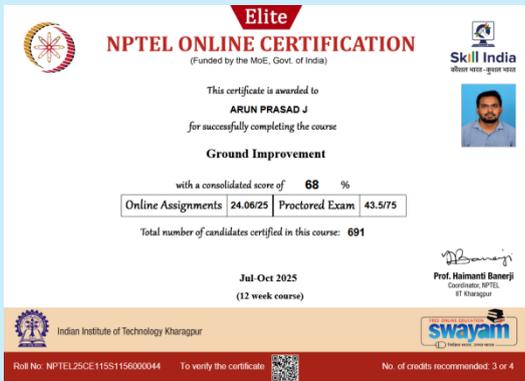


JEEVA CR  
SOUTHERN PETROCHEMICAL INDUSTRIES  
CORPORATIONLIMITED, INDIA

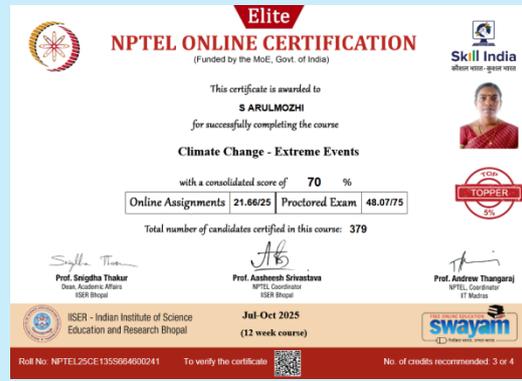




NPTEL



**Mr.J.Arun Prasad,  
Ground Improvement**



**Dr. S Arulmozhi  
Climate Change-Extreme Events**



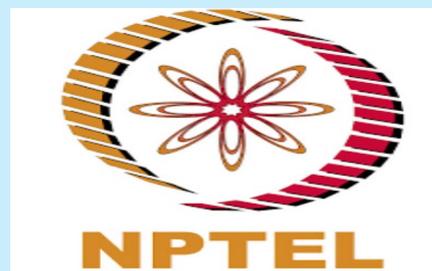
**Mrs.G. Janani  
Municipal Solid Waste Management**



**Mr.M.Dhivakar Karthick  
Architectural Approaches to Decarbonization of  
Buildings**



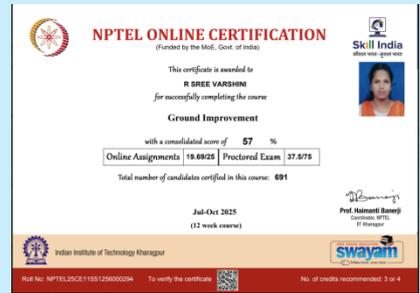
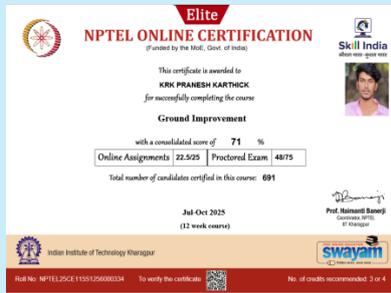
**Mr.K.Vallarasu  
Accreditation and Outcome Based Learning**





**NPTEL CLEARED BY STUDENTS**

S. No	Name of the student	Name of Course registered	Certification Category
1.	Deepak E	Ground Improvement	Elite
2.	Kavin M	Ground Improvement	Elite
3.	Kishore G	Ground Improvement	Elite
4.	Lavanya M	Ground Improvement	Elite
5.	Pranesh Karthick K	Ground Improvement	Elite
6.	Sree Varshini R	Ground Improvement	Elite
7.	Vetrivel R	Ground Improvement	Elite+Silver
8.	Hemnath R	Ground Improvement	Elite
9.	V.Jayalakshmi	Ground Improvement	Elite





## CONFERENCE PRESENTATION

S.NO	FACULTY NAME	CONFERENCE	DATE	TOPICS PRESENTED
1	Dr.K.M.Gopalakrishnan	2nd International Conference on Innovative , Sustainable Materials and technologies (ICISMT-2025)- Strategic Yb and La Doping in SrTiO <sub>3</sub> for Enhanced Visible-Light Photocatalysis : Efficient Degradation of Toxic Dyes in wastewater	19.09.2025 to 20.09.2025	Degradation of Toxic Dyes in wastewater
2	Dr.R. Krishnasamy	2nd International Conference on Innovative , Sustainable Materials and technologies (ICISMT-2025)- Corrosion Behaviour and Remedial Measures of Angled Steel Reinforcement in Concrete Exposed to Aggressive Environments	19.09.2025 to 20.09.2025	Effect Of Bolt On The Mechanical Properties Of Gfrp Angle Connections Used In Civil Construction
3	Mr.J.Arun Prasad	2nd International Conference on Innovative , Sustainable Materials and technologies (ICISMT-2025)- Corrosion Behaviour and Remedial Measures of Angled Steel Reinforcement in Concrete Exposed to Aggressive Environments	19.09.2025 to 20.09.2025	Corrosion Behaviour
4	Mr.J.Arun Prasad	2nd International Conference on Innovative , Sustainable Materials and technologies (ICISMT-2025)- Sustainable High-Strength Lightweight Concrete: Synergistic Effects of Cenospheres and Nano-Coating on Durability and Performance	19.09.2025 to 20.09.2025	Cenospheres and Nano-Coating on Durability
5	Mr.M.Dhivakarkarthick	2nd International Conference on Innovative , Sustainable Materials and technologies (ICISMT-2025)- Sustainable Concrete Drain Covers with Fly Ash and Recycled Aggregate	19.09.2025 to 20.09.2025	Fly Ash and Recycled Aggregate
6	Mr.K. Vallarasu	2nd International Conference on Innovative , Sustainable Materials and technologies (ICISMT-2025)- Optimized Photocatalytic Efficiency of Rare-Earth-Doped SrTiO <sub>3</sub> : Structural, Optical, and Morphological Insights	19.09.2025 to 20.09.2025	Sustainable Concrete
7	Mrs.G.Janani	2nd International Conference on Innovative , Sustainable Materials and technologies (ICISMT-2025)- Experimental Investigation on Hypo Sludge Concrete by using Slicacrete	19.09.2025 to 20.09.2025	Interdisciplinary approaches



## PUBLICATIONS

**Dr. S. Arulmozhi** published an *international* journal paper titled “**Experimental Investigation on Bacterial Concrete with Zeolite for Structural Health Monitoring Applications**” in *Structural Integrity Procedia*, Volume 70, August 2025 (pp. 485–492), indexed in **Scopus and WoS**, on **20.08.2025**.

**Dr. S. Arulmozhi** published an *international* journal paper titled “**Performance of Sustainable Concrete Incorporating Bagasse Ash, Foundry Sand, and Steel Fibres**” in *Structural Integrity Procedia*, Volume 70, August 2025 (pp. 485–492), indexed in **Scopus and WoS**, on **20.08.2025**.



**Dr. S. Arulmozhi** published an *international* journal paper titled “**Assessing the Strength and Characteristics of Geopolymer Aggregate Using Bottom Ash**” in *Structural Integrity Procedia*, Volume 70, August 2025 (pp. 485–492), indexed in **Scopus and WoS**, on **20.08.2025**.

**Mr. J. Arun Prasad** published an *international* journal paper titled “**An Experimental Investigation on Mechanical Properties of Cenosphere-Based Concrete**” in *Structural Integrity Procedia*, Volume 70, August 2025 (pp. 485–492), indexed in **Scopus and WoS**, on **20.08.2025**.

**Dr. R. Krishnasamy** published an *international* journal paper titled “**Failure Investigation of Single Bolt Glass Fiber Reinforced Polymer Angle Member with Gusset Plate under Tensile Loads**” in *Structural Integrity Procedia*, Volume 70, 2025 (pp. 343–349), published by **Elsevier**, indexed in **Scopus and WoS**.



**FACULTY PARTICIPATION****Dr. A. Gopalan**

- Attended a 6-day FDP on “Recent Advances and Future Trends in Civil Engineering” conducted from 28.07.2025 to 02.08.2025.
- Participated in an 8-week FDP on “Project Planning and Control” conducted from July to September 2025.
- Attended a 5-day FDP on “Next-Gen Civil Engineering Trends, Tools & Technologies” held from 27.10.2025 to 31.10.2025 at MVSR Engineering College, Hyderabad.

**Dr. S. Arulmozhi**

Participated in the ATAL FDP on “Energy, Environment and Climate Change: Interdisciplinary Approaches for Sustainable Development” conducted from 15.09.2025 to 20.09.2025, focusing on sustainable development.

**Mr. J. Arun Prasad**

- Participated in a Certificate Course on “Landslide Risk Assessment, Monitoring, and Forecasting” conducted on 25.06.2025.
- Attended a 6-day FDP on “Sustainable Construction Practices in Civil Engineering” conducted from 28.07.2025 to 01.08.2025.
- Participated in a Certificate Course in Digital Marketing conducted on 05.10.2025, comprising 140 hours.
- Attended AICTE – AI Submit 2025 at Bannari Amman Institute of Technology, Sathyamangalam, on 18.11.2021, emphasizing AI integration in higher education.



**Mr. M. Dhivakarkarthick**

Attended a 6-day FDP titled “Advanced Construction Practices for Sustainable Engineering” conducted by the Malaviya Mission Teacher Training Centre, National Institute of Technology Warangal, from 13.10.2025 to 18.10.2025.

**Mr. K. Vallarasu**

- Participated in a Certificate Course on “Landslide Risk Assessment, Monitoring, and Forecasting” conducted on 25.06.2025.
- Attended the ATAL FDP on “Microplastics as Emerging Pollutants: Analytical and Monitoring Perspectives” conducted from 22.09.2025 to 27.09.2025.
- Participated in the ATAL FDP on “Energy, Environment and Climate Change: Interdisciplinary Approaches for Sustainable Development” held from 15.09.2025 to 20.09.2025.

**Mrs. G. Janani**

- **Attended a 5-day Online FDP** titled “From Waste to Wonder: Transforming Industrial Byproducts into Next-Gen Construction Materials” conducted from **02.06.2025 to 06.06.2025**, focusing on **construction materials**.
- **Participated** in a **Certificate Course** on “Landslide Risk Assessment, Monitoring, and Forecasting” conducted on **25.06.2025**.
- **Participated** in a **Workshop** on “AI Tools in Teaching – ChatGPT, Perplexity & Edu AI” conducted on **13.08.2025**.
- **Participated** in the **ATAL FDP** on “Artificial Intelligence for Environmental Sustainability and Disaster Resilience” held from **22.09.2025 to 27.09.2025**.
- **Attended a 6-day FDP** on “Sustainable Practices and Innovative Trends in Civil Engineering” conducted by **Dr. Lankapalli Bullayya College of Engineering** from **10.11.2025 to 15.11.2025**.
- **Participated** in **AICTE – AI Submit 2025** held at **Bannari Amman Institute of Technology, Sathyamangalam**, on **18.11.2021**, focusing on **AI integration in higher education**.



## PATENTS GENERATED / FILED

S. No.	Name of the Faculty	Title of the Invention	Registration Details	Date
1	Dr. K. M. Gopalakrishnan	A method of Photocatalytic treated dye water Sludge into Sustainable Paver Blocks for Smart Village Construction Erosion Control mat with	202541069290 A	25.07.2025
2	Ms. G. Janani	Integrated water flow regulation system	202511089917A	24.10.2025
3.	Dr. S. Arulmozhi	An IoT and Machine Learning Based System For Automated E-Waste Sorting and Recycling In Smart Cities	202541090315 A	24.10.2025
4.	Ms. G. Janani	Machine learning –Enabled IoT framework for smart home automation and optimized energy consumption	202541095515A	31.10.2025

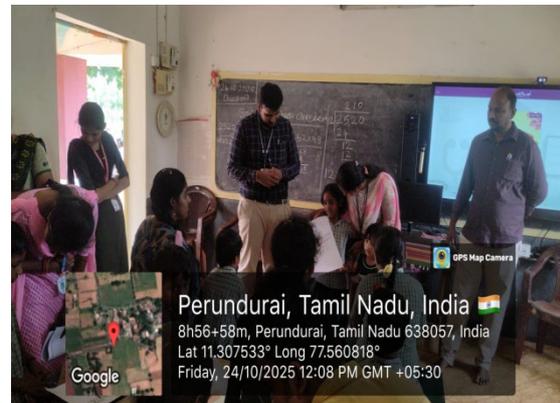
## SOCIETAL ENGAGEMENT AND OUTREACH INITIATIVES

An Extension Activity was organized at Tiruppur School of the Deaf, Iduvampalayam, on 04.08.2025, by II and III Year Civil Engineering students. The programme focused on community engagement, social responsibility, and inclusive interaction, providing meaningful learning experiences while promoting empathy, awareness, and a strong sense of service among the students





World Development Awareness Day – Learning for Change was organized at the Panchayat Union Primary School, Olapalayam, Thudupathi, on 24.10.2024, with active participation from II, III, and IV Year students. The event aimed to create awareness on global development issues, sustainable practices, and social responsibility. Students engaged school children through interactive sessions and activities, fostering learning, awareness, and a positive attitude toward community development and change.



## INDUSTRIAL VISIT

**Mr. J. Arun Prasad and Mrs. G. Janani** visited the **Sabari Bricks Manufacturing Unit and Vee Pee Bricks Manufacturing Unit** on **26.08.2025** to gain practical exposure to the **manufacturing process of fly ash bricks**. The visit provided insights into raw material selection, mixing, molding, curing, and quality control practices. This industrial exposure enhanced their understanding of sustainable construction materials and environmentally friendly brick manufacturing techniques.





**Mr. K. Vallarasu and Mrs. G. Janani** visited **SPB Private Ltd** on 25.09.2025 to gain practical knowledge about the paper and pulp industry. The visit helped them understand the processes involved in raw material preparation, pulp production, paper manufacturing, and waste management practices. Additionally, **Mr. M. Dhivakarkarthick** visited SPB Private Ltd on 23.09.2025, gaining valuable insights into industrial operations, sustainability practices, and process management within the paper and pulp manufacturing sector



**Students** visited the **Steel Authority of India Limited (SAIL), Salem Steel Plant**, on **24.09.2025**, to gain practical exposure to **steel manufacturing processes**. The visit provided detailed insights into raw material handling, steelmaking operations, rolling and finishing processes, and quality control measures. This industrial visit enhanced understanding of large-scale steel production, plant operations, and the application of steel in structural and industrial engineering practices.





MOMENTS CAPTURED





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