



ERODE SENGUNTHAR ENGINEERING COLLEGE

(An Autonomous Institution)

Approved by AICTE, New Delhi, Permanently Affiliated to Anna University- Chennai,
Accredited by National Board of Accreditation (NBA), New Delhi &
National Assessment and Accreditation Council (NAAC), Bangalore with 'A' Grade
PERUNDURAI - 638 057, TAMILNADU, INDIA.



DEPARTMENT OF CIVIL ENGINEERING

NEWS LETTER

ACADEMIC YEAR

2024-2025



About the Department

The Department of Civil Engineering was started in the year 2002, with an intake of 60 students and is offering B.E. Civil Engineering. AICTE approved PG program (M.E. Environmental Engineering) during the academic year 2012-13 with an intake of 18 and (M.E. Structural Engineering) during the academic year 2023-24 with an intake of 24. The B E Civil Engineering and ME Environmental Engineering courses are permanently affiliated to Anna University Chennai. B E Civil Engineering course obtained NBA Accreditation status since 2013. The institute got Autonomous status from 2019 onwards and following Autonomous Curriculum.

The department strongly believes in imparting outcome based education to both the UG and PG students as well. Based on the Vision and Mission of the institution the department has framed its own Vision and Mission statement and Program Educational Objectives for all the programs.

The department is supported by well qualified faculty team in various fields of specialization in Structural Engineering, Construction Engineering and Management, Remote Sensing and GIS, Environmental Engineering and Geotechnical Engineering.

All the laboratories are well furnished with the state-of-art equipments with qualified Non teaching staff members. Research and Consultancy activities are undertaken by the department faculty in various areas and obtained concurrence letter from District Collectorate for material testing.

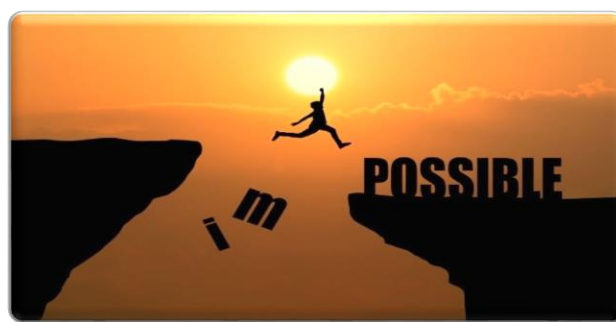
Through effective teaching learning process the department produced thirty seven University Ranks in Undergraduate Program and Seven University Ranks including one Gold medal in Post Graduate Program under Anna University, Chennai.

To fulfill the gap between the industry and Institute, through department students association programs like Technical Symposia, Seminars, Guest Lectures, workshops and conferences on the latest developments are conducting every year by inviting experts from the industry and institute.

To strengthen the practical knowledge students are motivated to attend internship during their vacation.

Apart from the regular industrial visits, Alumni are interacted with the students during their visit in the name of “Leaders Talk”.

Always success.....



Programme	Duration
B.E Civil Engineering	4 Years
M.E. Environmental Engineering	2 Years
M.E. Structural Engineering	2 Years

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.



MISSION



VISION



VALUES

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.

"Happiness is not by chance, but by choice."

Choose ESEC.....



ACADEMIC ACHIEVEMENTS

ACADEMIC TOPPERS



VETRIVEL R
I - CIVIL



AJAY KUMAR
II - CIVIL

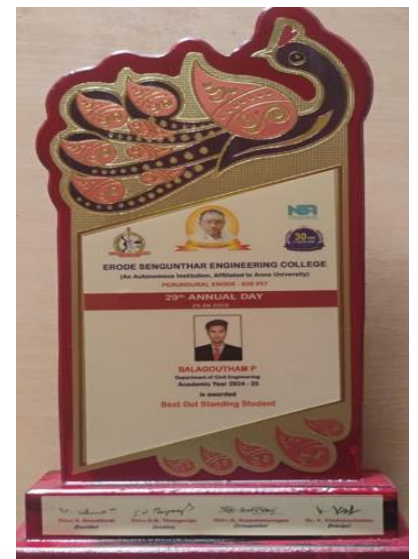


BALAGOUTHAM P
III - CIVIL



NILESH S
IV - CIVIL

BEST OUTSTANDING STUDENT AWARD



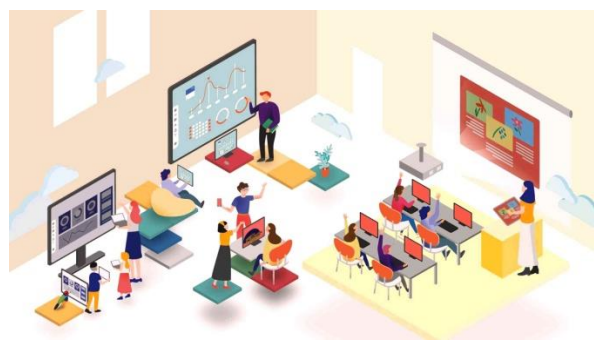
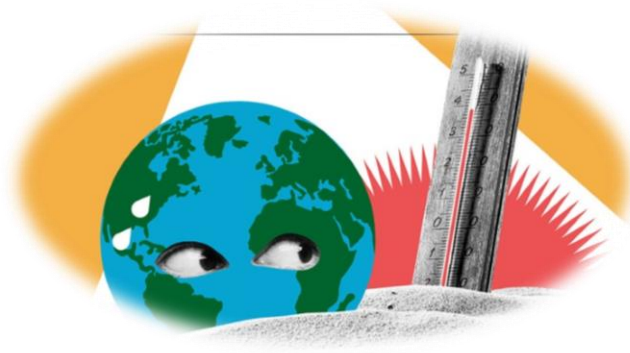
EVENTS ORGANISED

A series of impactful and insightful programs were organized covering diverse topics relevant to Civil Engineering and interdisciplinary domains. The journey began on **28.08.2024** with a session titled **“Construction Management 4.0: Embracing Innovation and Technology”** delivered by **Er. A.K. Saravanan**, Proprietor, Sirushti Constructions, Erode. The session highlighted the integration of digital tools and smart technologies in modern construction practices



Environmental awareness and sustainability were emphasized on **04.10.2024** in the program **“Climate Change Impacts on Water Resources and Rural Development,”** delivered by **Mr. M. Karthikeyan**, Green Fellow - Erode, Tamil Nadu Chief Minister's Green Fellowship Program, Department of Environment and Climate Change, Government of Tamil Nadu. He discussed climate resilience and the role of civil engineers in rural and water resource development.

On **25.09.2024**, **Mr. A. Prasanth**, Branch Manager, Veranda Race, Erode, conducted a career guidance program on **“Navigating Your Career Journey: Exploring Diverse Opportunities in the Banking Sector,”** focusing on banking roles suitable for engineering graduates and the skills required to succeed in the competitive sector.



Further exploring the intersection of education and technology, a session on **“Navigating Opportunities and Career Paths in Ed-Tech Empowering Innovation in Learning Environments”** was conducted on **15.10.2024** by **Mr. G.V.E Dhayanithi**, Academic Centre Head, Think and Learn Pvt Ltd, Erode. He elaborated on evolving ed-tech careers and the innovative tools shaping learning environments.

On **17.10.2024**, **Er. Kalaiselvan, N.**, Engineer (Analytical Instruments), V.R.K. Instruments, Kallakurichi, engaged students in a technical session titled **“Working Principles, Standardization and Calibration of Analytical Instruments,”** which was particularly relevant to laboratory practices and quality control in engineering



Sustainable practices took center stage on **17.02.2025** in the program **“Pollinate Your Profits: Strategies for Sustainable Growth,”** presented by **Mr. R. Annamalai**, Founder and Director of AO Honey, Edapadi, Tamil Nadu. He shared entrepreneurial insights and sustainable models in agro-business sectors.



For students aspiring to specialize in land surveying, **Mr. S. Rajkumar**, Chartered Survey Engineer from Salem Land Survey Institute, Salem, conducted an expert session titled **“Career Pathways in Surveying for Civil Engineering Students”** on **04.03.2025**, detailing modern surveying instruments, certifications, and job prospects.



The relevance of geospatial technologies was underscored in the session **“Geomatics in Civil Engineering: Enhancing Surveying Accuracy through Technology”** held on **25.10.2024** by **Mr. Anand Raju**, Lecturer in Civil and Architectural Engineering at the University of Technology and Applied Sciences, Muscat, Oman. The session provided global insights into the use of advanced geomatics tools



On **28.02.2025**, a forward-looking session on **“Shaping Sustainable Infrastructure with Solar Technology”** was delivered by **Mr. V. Arun Senthil Nathan**, Founder & CEO, Nathan Green Tech, Erode. He highlighted solar innovations and their application in civil infrastructure

Concluding the series, on **11.03.2025**, **Mr. K.A. Aswin**, Operations Manager, City Union Bank, Coimbatore, presented an insightful session titled **“The Role of Banking in Civil Engineering: From Blueprints to Budgeting.”** He connected financial management with civil project execution, budgeting, and funding options.



PROJECT BY STUDENTS


BATCH	REGISTER NO	STUDENT NAME	PROJECT TITLE
I	73042110304	MANIBHARATHI P	Exploring $\text{CoFe}_2\text{O}_4/\text{TiO}_2$ NCs for High efficiency UV driven organic dye degradation
	73042110307	RAGUL R	
	730421103016	RAJABHARATH S	
	730421103301	CHOTTU KUMAR	
II	730421103010	SHRI HARINI	Studies on the Treatment of Municipal Solid waste using Composting Techniques in Perundurai Dump yard
	730421103015	VEERAMANI	
	730421103017	ANISHKUMAR	
	730421103019	MD SAMIM	
III	730421103003	HARISH PRASATH M	Sustainable Concrete Drain Covers with Fly Ash and Recycled Aggregate
	730421103006	PALANIKUMAR T	
	730421103013	SURENDER KUMAR R	
IV	730421103005	MYTHILI	Failure Investigation of Single Bolt Glass Fiber Reinforced Polymer Angle Member with Gusset plate under Tensile loads
	730421103011	SIVASUNDAR	
	730421103002	GOKULSARATHI	
V	730421103012	SRINIVASAN S	Experimental Study on Cenosphere Based Concrete With Nano Coatings For Sustainability
	730421103302	DHANABALAJI M R	
	730421103303	DHANUSH M	
VI	730421103001	BALAGOUTHAM P	Synergistic Photocatalytic Activity of $\text{LaFeO}_3/\text{TiO}_2$ Nano composites for methylene blue degradation under UV light
	730421103009	SANJAY	
	730421103014	THAMIZHENDI	
	730421103018	ANU KUMARI	







STUDENTS PARTICIPATION


WORKSHOP / WEBINAR / SEMINAR PARTICIPATION


	Name of the Student	Title of the Event	Name of the Organization	Date
	Balagoutham P	One week workshop on "Applications of Geosynthetic in Civil Engineering (AGCE-2024)"	Indira Gandhi Institute of Technology, Odisha	05.08.2024 - 09.08.2024
	Dhanush M	Two days Short Term Training Program (STTP) on "Online tools for article writing and publications in International Journals"	ESEC, Erode	08.08.2024 - 09.08.2024
	Thamizhendhi K	Two days Short Term Training Program (STTP) on "Online tools for article writing and publications in International Journals"	ESEC, Erode	08.08.2024 - 09.08.2024
	Anish Kumar	Two days Short Term Training Program (STTP) on "Online tools for article writing and publications in International Journals"	ESEC, Erode	08.08.2024 - 09.08.2024
	Fazlul Haque	Technical Session on "Exploring robotics simulators : Comparative insights on Gazebo Coppeliassim and Webots"	SRM Institute of Science and Technology, Chennai.	20.08.2024
	Balagoutham P	5-Day e-STP on the "Research Trends and Future scopes in Civil Engineering (RTFSCE-2024)"	NIT, Jamshedpur	09.09.2024 - 13.09.2024
	Santosh Kumar	Engineers Day Celebration	Excel Engineering College, Kumarapalayam	18.09.2024
	Sree Varshini R	Engineers Day Celebration	Excel Engineering College, Kumarapalayam	18.09.2024
	Vetrivel R	Engineers Day Celebration	Excel Engineering College, Kumarapalayam	18.09.2024
	Rohit Kumar	Engineers Day Celebration	Excel Engineering College, Kumarapalayam	18.09.2024
	Lavanya M	Engineers Day Celebration	Excel Engineering College, Kumarapalayam	18.09.2024
	Kishore G	Engineers Day Celebration	Excel Engineering College, Kumarapalayam	18.09.2024
	Fazlul Haque	Engineers Day Celebration	Excel Engineering College, Kumarapalayam	18.09.2024
	Dineshkumar G	Engineers Day Celebration	Excel Engineering College, Kumarapalayam	18.09.2024
	Ajay Kumar	Engineers Day Celebration	Excel Engineering College, Kumarapalayam	18.09.2024
	Boopathi T	Engineers Day Celebration	Excel Engineering College, Kumarapalayam	18.09.2024
	Gokulakrishnan A	Engineers Day Celebration	Excel Engineering College, Kumarapalayam	18.09.2024

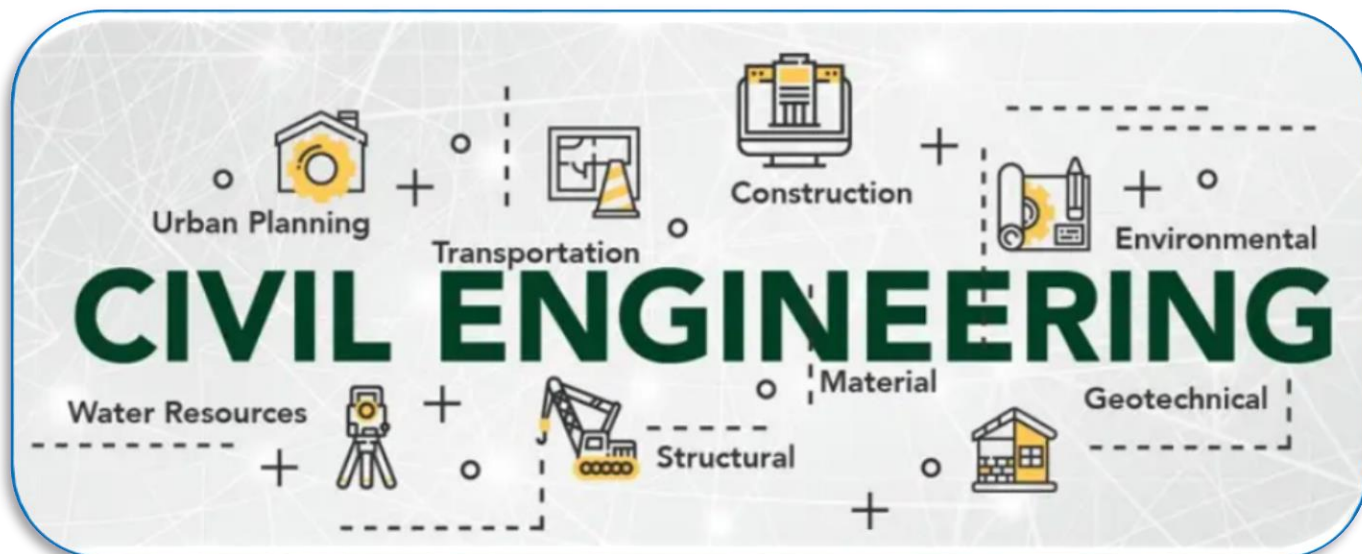
<div>Improvement</div> <div>Continuous</div> <div>Learning</div>	Name of the Student	Title of the Event	Name of the Organization	Date
	Felixnikeshraj R	Engineers Day Celebration	Excel Engineering College, Kumarapalayam	18.09.2024
	Aravindh P	Engineers Day Celebration	Excel Engineering College, Kumarapalayam	18.09.2024
	Jayanth R	Engineers Day Celebration	Excel Engineering College, Kumarapalayam	18.09.2024
	Kathirvel R	Engineers Day Celebration	Excel Engineering College, Kumarapalayam	18.09.2024
	Sonal Kumar	Engineers Day Celebration	Excel Engineering College, Kumarapalayam	18.09.2024
	Surya P	Engineers Day Celebration	Excel Engineering College, Kumarapalayam	18.09.2024
	Renugadevi S	Engineers Day Celebration	Excel Engineering College, Kumarapalayam	18.09.2024
	Manish Kumar	Engineers Day Celebration	Excel Engineering College, Kumarapalayam	18.09.2024
				
	Jeeva C R	Engineers Day Celebration	Excel Engineering College, Kumarapalayam	18.09.2024
	Radha Krishnan S	Engineers Day Celebration	Excel Engineering College, Kumarapalayam	18.09.2024
	Nandhakumar G	Engineers Day Celebration	Excel Engineering College, Kumarapalayam	18.09.2024
	Kavinsaravanan A K	Engineers Day Celebration	Excel Engineering College, Kumarapalayam	18.09.2024
	Karthika B	Engineers Day Celebration	Excel Engineering College, Kumarapalayam	18.09.2024
	Karthickrajan R M	Engineers Day Celebration	Excel Engineering College, Kumarapalayam	18.09.2024
	Karthikeyan P	Engineers Day Celebration	Excel Engineering College, Kumarapalayam	18.09.2024
Dhanush M	Engineers Day Celebration	Excel Engineering College, Kumarapalayam	18.09.2024	

	Name of the Student	Title of the Event	Name of the Organization	Date
	Gokulsarathi P	Engineers Day Celebration	Excel Engineering College, Kumarapalayam	18.09.2024
	Palani Kumar T	Engineers Day Celebration	Excel Engineering College, Kumarapalayam	18.09.2024
	Sivasundar R	Engineers Day Celebration	Excel Engineering College, Kumarapalayam	18.09.2024
	Srinivasan S	Engineers Day Celebration	Excel Engineering College, Kumarapalayam	18.09.2024
	Anish Kumar	Engineers Day Celebration	Excel Engineering College, Kumarapalayam	18.09.2024
	Dhanabalaji M R	Engineers Day Celebration	Excel Engineering College, Kumarapalayam	18.09.2024
	Harishka K	Engineers Day Celebration	Excel Engineering College, Kumarapalayam	18.09.2024
	Deepika M	Engineers Day Celebration	Excel Engineering College, Kumarapalayam	18.09.2024




	Name of the Student	Title of the Event	Name of the Organization	Date
	Sivasundar R	Program on Science and Technology capacity building for Industrial Needs	TN State Council for Science and technology & Velalar College of Engineering and Technology, Erode.	25.09.2024 - 27.09.2024
	Ragul R	Program on Science and Technology capacity building for Industrial Needs	TN State Council for Science and technology & Velalar College of Engineering and Technology, Erode.	25.09.2024 - 27.09.2024
	Balagoutham P	Program on Science and Technology capacity building for Industrial Needs	TN State Council for Science and technology & Velalar College of Engineering and Technology, Erode.	25.09.2024 - 27.09.2024
	Srinivasan S	Program on Science and Technology capacity building for Industrial Needs	TN State Council for Science and technology & Velalar College of Engineering and Technology, Erode.	25.09.2024 - 27.09.2024

	Name of the Student	Title of the Event	Name of the Organization	Date
	Surya P	One Day National level workshop on innovating structural engineering with Tekla - A Hands on Workshop"	Kongunadu College of Engineering and Technology, Trichy	30.09.2024
	Felixnikeshraj R	One Day National level workshop on innovating structural engineering with Tekla - A Hands on Workshop"	Kongunadu College of Engineering and Technology, Trichy	30.09.2024
	Kavinsaravana V	One Day National level workshop on innovating structural engineering with Tekla - A Hands on Workshop"	Kongunadu College of Engineering and Technology, Trichy	30.09.2024
	Sriram M	One day seminar on "Utilization of E-waste as alternative construction materials"	Dr.N.G.P. Institute of Technology, Coimbatore.	18.10.2024
	Aathinandha R	One day seminar on "Utilization of E-waste as alternative construction materials"	Dr.N.G.P. Institute of Technology, Coimbatore.	18.10.2024
	Hemnath R	One day seminar on "Utilization of E-waste as alternative construction materials"	Dr.N.G.P. Institute of Technology, Coimbatore.	18.10.2024
	Karthick Raja A	One day seminar on "Utilization of E-waste as alternative construction materials"	Dr.N.G.P. Institute of Technology, Coimbatore.	18.10.2024
	Seenivasan S	One day seminar on "Utilization of E-waste as alternative construction materials"	Dr.N.G.P. Institute of Technology, Coimbatore.	18.10.2024
	Ragul R	One Day state level workshop on "Innovative Approaches to reducing industrial Pollution: Impact on Climate Change and Ecosystem".	Excel Engineering College, Namakkal.	19.10.2024
	Sanjay T	National seminar on " The art of concrete: Best practices for structural excellence and resilience"	Hindusthan College of Engineering and Technology, Coimbatore	08.02.2025





	Name of the Student	Title of the Event	Name of the Organization	Date
	Rajabharath S	National seminar on " The art of concrete: Best practices for structural excellence and resilience"	Hindusthan College of Engineering and Technology, Coimbatore	08.02.2025
	Gokulsarathi P	National seminar on " The art of concrete: Best practices for structural excellence and resilience"	Hindusthan College of Engineering and Technology, Coimbatore	08.02.2025
	Veeramani A	National seminar on " The art of concrete: Best practices for structural excellence and resilience"	Hindusthan College of Engineering and Technology, Coimbatore	08.02.2025
	Balagoutham P	Water Challenges in the Anthropocene: Towards resilience and sustainability	IIT Madra s, Chennai	08.02.2025
	Kamalesh S	One day training cum workshop on biomass fermentation and distillation for bio ethanol production"	Sathyabama Institute of science and technology, Chennai	22.02.2025
	Dineshkumar G	One day training cum workshop on biomass fermentation and distillation for bio ethanol production"	Sathyabama Institute of science and technology, Chennai	22.02.2025
	Seenivasan S	One day training cum workshop on biomass fermentation and distillation for bio ethanol production"	Sathyabama Institute of science and technology, Chennai	22.02.2025
	Kishore	Workshop on solar plant design and energy estimation	Anna University, Chennai	22.02.2025 & 23.02.2025
	Deepak E	Workshop on solar plant design and energy estimation	Anna University, Chennai	22.02.2025 & 23.02.2025
	Kavin M	Workshop on solar plant design and energy estimation	Anna University, Chennai	22.02.2025 & 23.02.2025
	Bharanidharan	Workshop on solar plant design and energy estimation	Anna University, Chennai	22.02.2025 & 23.02.2025
	Vetrivel	Workshop on solar plant design and energy estimation	Anna University, Chennai	22.02.2025 & 23.02.2025
	Naveen G	Workshop on solar plant design and energy estimation	Anna University, Chennai	22.02.2025 & 23.02.2025
	Danish K	Workshop on detailing of RCC framed structures using TEKLA structures	Karpagam College of Engineering, Coimbatore	13.03.2025 – 14.03.2025
	Hemnath R	Workshop on detailing of RCC framed structures using TEKLA structures	Karpagam College of Engineering, Coimbatore	13.03.2025 – 14.03.2025
	Karthick Raja A	Workshop on detailing of RCC framed structures using TEKLA structures	Karpagam College of Engineering, Coimbatore	13.03.2025 – 14.03.2025
	Seenivasan S	Workshop on detailing of RCC framed structures using TEKLA structures	Karpagam College of Engineering, Coimbatore	13.03.2025 – 14.03.2025

TECHNICAL EVENTS

Students from the Civil Engineering Department have actively participated in various national-level technical events organized by reputed institutions, showcasing their technical acumen and competitive spirit.

On 6th September 2024, **Kishore G, Bharanidharan R, and Dinesh G** of II Year participated in the **Cube Contest**, while **Deepika M** and **Renugadevi S** of III Year took part in the **Technical Quiz**, both events conducted by the **Erode District Civil Engineering Association, Erode**. All participants won **Second Prize** in their respective events.



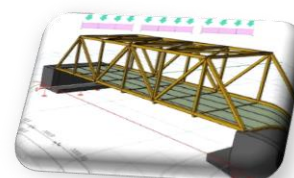
On 24th October 2024, students took part in the **National Level Technical Symposium "Kallikrates'24"** organized by **KPR Institute of Engineering and Technology, Coimbatore**. **Naveen Kumar G** and **Kavin M** of II Year participated in the **CAD Contest**. **Balagoutham P** of IV Year participated in both **Connection** and **CAD Contest**, and **Vinay Kumar** of III Year also showcased his skills in the **CAD Contest**.



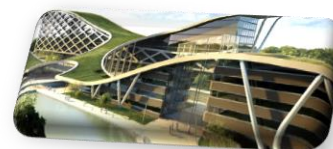
Further, on 7th March 2025, students participated in the **National Level Technical Symposium "CEANS 2025"** organized by **Kongu Engineering College, Erode**. **Aravindh P** of III Year participated in both **STRUCTOCAD** and **Build and Balance** events. **Jeeva C R** and **Jayanth R** of III Year participated in the same events, while **Karthikeyan P**, also from III Year, demonstrated his expertise in both **STRUCTOCAD** and **Build and Balance**. These events allowed students to engage in practical applications of engineering concepts.



From 13th to 15th March 2025, students **Hemnath R, Danish K, Karthick Raja A, and Seenivasan S** of II Year participated in various **Technical Events** organized by **Karpagam College of Engineering, Coimbatore**, over a span of three days, gaining valuable exposure to real-time engineering challenges.



Additionally, on 14th March 2025, **Logesh S** of II Year participated in the **Model Mania** event hosted by **KPR Institute of Engineering and Technology**, emphasizing innovation and model-making skills.



These participations significantly contribute to the achievement of Programme Outcomes (POs) and Programme Specific Outcomes (PSOs) by enhancing the students' technical knowledge, problem-solving ability, creativity, and team collaboration skills.

PAPER PRESENTATION



Surendhar Kumar R, Balagoutham P, Mythili V, and Shri Harini S M of IV Year presented papers at the National Level Technical Symposium "RACE 2K24", held at Velalar College of Engineering, Erode on 19th September 2024. Notably, Balagoutham P secured the Second Prize in this event.

Dhanabalaji M and Sanjay T of IV Year, along with Karthikeyan P, Jayanth R, Vasanth S, and Gokul A S of III Year, participated in the Paper Presentation during the National Level Technical Symposium "SPRING FEST - 2K'24" organized by K.S.R. College of Engineering, Namakkal on 26th September 2024.



Kavin M of II Year, Balagoutham P of IV Year, and Karthika B, Renukadevi, and Harishka K of III Year participated in the Paper Presentation at Kallikrates'24, a national-level symposium organized by KPR Institute of Engineering and Technology, Coimbatore, on 24th October 2024. Additionally, Balagoutham P also took part in the Poster Presentation and was awarded the Second Prize

Sivaji S of II Year presented a paper at UDHAYAM'25, an intercollegiate and cultural fest organized by KIT – Kalaingar Karunanidhi Institute of Technology, Coimbatore, on 1st March 2025.



Karthikeyan P, Jayanth R, Jeeva C R, and Aravindh P of III Year presented their technical work at CEANS 2025, a national-level symposium hosted by Kongu Engineering College, Erode, on 7th March 2025.

Kavin Saravana V, Felixnikeshraj R, Surya P, Karthick Rajan R M, Deepika M, Harishka K, Karthika B, and Renuga Devi S of III Year participated in MINNAL'25, a National Level Technical Symposium organized by SIMATS Engineering, Chennai, from 11th to 13th March 2025, showcasing their research through paper presentations.



Karthickrajan R M, Sanjai M, Vasanth S, and Surya P of III Year participated in CIVISTRA-2K25, a national-level technical symposium organized by Selvam College of Technology, Namakkal, on 21st March 2025. Karthickrajan R M, Sanjai M, and Vasanth S received First and Second Prizes for their papers

Kavin M, Deepak, and Vetrivel of II Year participated in the 4th International Conference on Building a Sustainable Future with Recent Trends in Science and Technology (ICOST'25) at Annapoorna Engineering College, Salem, held from 21st to 22nd March 2025.



Renuga Devi S, Sundaramoorthi P, Harishka K, and Kavinsaravana V of III Year presented papers at the International Conference on Building a Sustainable Future by Adopting Contemporary Advances in Engineering and Technology (I-CAST 2K25), organized by Excel Engineering College, Namakkal on 30th April 2025.

EXTRA CURRICULAR ACTIVITIES

S.No	Name of the Student	Year of Study	Title of the Event	Name of the Organisation	Date	Level of Programme	Awards
1.	S.Sivaji	II	Volleyball	State level open Volleyball tournament held at Kurunjipadi	31.08.2024	State	III
2.	M.Harish Prasath	IV	Basketball	Chief Minister Trophy Basketball tournament held at V.O.C. park stadium Erode	15.09.2024	Zonal	III (25000 Cash)
3.	A.Karthik Raja	II	Cricket	Anna University Zone XII Inter Collegiate Cricket. KSR College of Technology, Tiruchencode	25.09.2024 to 30.09.2024.	Zone	II



INTERNSHIP BY STUDENTS

Abhay Kumar, Ankit Kumar, Danish Kumar of IV year Civil Engineering has undergone Industrial Training at Harshita Construction, Bilaspur from 15.05.2023 to 10.06.2023.

Dinesh S, Nanthakumar M, Nilesh S, Suresh D of IV year Civil Engineering has undergone Industrial Training at Sakthi Consulting Civil Engineers, Erode from 15.05.2023 to 10.06.2023.

Gokul S, Sibiraj V of IV year Civil Engineering has undergone Industrial Training at Green Sky Construction from 15.05.2023 to 10.06.2023.

Gunaseelan S of IV year Civil Engineering has undergone Industrial Training at Vinayaka Hi-Tech Builder's & Engineers, Erode from 15.05.2023 to 10.06.2023.

Jayasurya P, Thirupathi P of IV year Civil Engineering has undergone Industrial Training at Sharath Constructions, Bangalore from 15.05.2023 to 10.06.2023.



Kathiresan G, Selvam R, Thamizhanban S, Arun Malu M, Manivel R, Rajesh S of IV year Civil Engineering has undergone Industrial Training at Kandan Infra Projects Pvt Ltd, Madurai from 15.05.2023 to 10.06.2023.

Subramani R, Mithun D, Sabarish S of IV year Civil Engineering has undergone Industrial Training at MRS Cosntruction, Mettur Dam from 15.05.2023 to 10.06.2023.

Saranya P of IV year Civil Engineering has undergone Industrial Training at Prajamtira Constructions, Erode from 15.05.2023 to 10.06.2023.

Vasantharajan S, Vijayabharathi P, Vinoth Raj of IV year Civil Engineering has undergone Industrial Training at RP Construction, Vellakoil from 15.05.2023 to 10.06.2023.



INTERNSHIP BY STUDENTS

Bala Goutham P, Palani Kumar T, Srinivasan S, Veeramani A of III year Civil Engineering has undergone internship at Babu Builders & Contractors, Erode from 02.01.2024 to 09.01.2024.

Gokul Sarathi P, Manibharathi P, Rajabharath S, Dhanabalaji M R of III year Civil Engineering has undergone internship at Babu Builders & Contractors, Erode from 02.01.2024 to 09.01.2024.

Harish Prasath M, Mythili V, Shri Harini S M, Thamizhendhi K of III year Civil Engineering has undergone internship at Sri Vishnu Builders, Coimbatore from 02.01.2024 to 09.01.2024.

Ragul R, Sanjay T, Sivasundar R, Surendhar Kumar, Dhanush M of III year Civil Engineering has undergone internship at Brahma Construction, Tiruppur from 02.01.2024 to 09.01.2024.

Anish Kumar, Anu Kumari, Md Samim, Chhotu Kumar of III year Civil Engineering has undergone internship at RR Thulasi Builders India (P) Ltd, Salem from 02.01.2024 to 09.01.2024.

Aathinandha R, Felixnikeshraj R, Jeevan R, Karthikeyan P, Sriram M of II year Civil Engineering has undergone internship at MV Construction, Thirunindravur from 19.02.2024 to 24.02.2024.

Ajay Kumar, Manish Kumar, Md Shahrukh Alam, Sonal Kumar, Vinay Kumar of II year Civil Engineering has undergone internship at RT Construction and Land Surveys, Natrampalli from 19.02.2024 to 24.02.2024.

Boopathi T, Gokula Krishnan A, Kavin Saravana V, Sundaramoorthi P, Aravindh P of II year Civil Engineering has undergone internship at PG Constructions, Erode from 19.02.2024 to 24.02.2024.

Deepika M, Harishka K, Karthika B, Radhakrishnan S, Renugadevi S of II year Civil Engineering has undergone internship at Brahma Construction, Tiruppur from 19.02.2024 to 24.02.2024.

Gokul A S, Karthickrajan R M, Nandhakumar G, Surya P, Kathirvel R of II year Civil Engineering has undergone internship at Pari Planners & Builders, Perundurai from 19.02.2024 to 24.02.2024.

Jeeva C R, Ramesh Kannan G, Sanjai M, Vasanth S, Jayanth R of II year Civil Engineering has undergone internship at SS Constructions, Tiruppur from 19.02.2024 to 24.02.2024.

PLACEMENT



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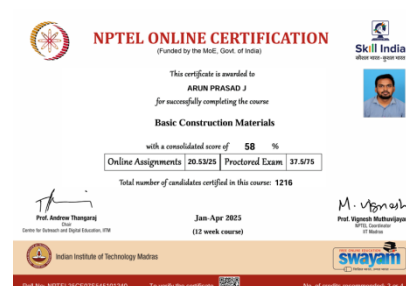
Dr. R. Krishnasamy
Advanced Reinforced Concrete Design



Mr. J. Arun Prasad
Advanced Reinforced Concrete Design



Mr. K. Vallarasu
Geotechnical Engineering Laboratory



Mr. J. Arun Prasad
Basic Construction Materials



Dr. S Arulmozhi
Renewable Energy Engineering: Solar, Wind and
Biomass Energy Systems



Mrs. G. Janani
Maintenance and repair of concrete structures

CONFERENCE PRESENTATION

Dr. **S. Arulmozhi**, Associate Professor / Civil, presented a paper titled *“Studies on the treatment of Municipal Solid Waste using Composting Techniques in dumpyard”* at the ANRF Sponsored International Conference on Advanced Materials for Energy and Environment Sustainability held at Karpagam Academy of Higher Education, Coimbatore on 6th and 7th March 2025 (2 Days).

Dr. **S. Arulmozhi** Associate Professor / Civil presented three papers at the 2nd International Conference on Sustainable Water organized by KPR Institute of Engineering and Technology, Coimbatore from 21st to 22nd March 2025 (2 Days) titled:

- *“Route Mapping and Strategizing the Municipal Solid Waste Management Practices in Peri Urban Village Panchayats”*
- *“Grey Water Treatment using Horizontal Filter Bed Method”*
- *“Optimization and Stabilization Studies for the removal of dyes from synthetic solution using Emulsion Liquid Membrane.”*

Dr. **S. Arulmozhi** Associate Professor / Civil presented a paper titled *“The review of Nano–Engineered Geopolymer Concrete Develops and Future Prospects”* at the International Conference on Innovations in Engineering, Computing and Smart Technologies (ICIECST–2025) held at KPR Institute of Engineering and Technology, Coimbatore on 29th March 2025 (1 Day)



Dr. **R. Krishnasamy**, Associate Professor / Civil, presented a paper titled *“Failure Investigation of Single bolt Glass Fiber Reinforced Polymer Angle member with Gusset Plate under tensile loads”* at the International Conference on Structural Integrity and Interactions of Materials in Civil Engineering (SIIMCES2025) - Procedia Structural Integrity held at SRM University, Delhi - NCR, Sonapat, India from 21st to 23rd May 2025 (3 Days).

Dr. **R. Krishnasamy** Associate Professor / Civil presented a paper titled *“Numerical Analysis and Design of Slim Floor Composite Beams for Structural Efficiency”* at the International Conference on Construction Materials & Structures held from 3rd to 5th July 2025 (3 Days).

Mr. **J. Arun Prasad**, Assistant Professor / Civil, presented a paper titled *“Experimental Investigation on Mechanical Properties of Cenosphere based Concrete”* at the International Conference on **Structural Integrity and Interactions of Materials in Civil Engineering Structures (SIIMCES-2025)** held at SRM University Delhi-NCR, Sonapat from 21st to 23rd May 2025 (3 Days).



Mr. **J. Arun Prasad**, Assistant Professor / Civil presented a paper titled “*Experimental Study on Cenosphere-Based Concrete with Nano Coatings for Sustainability*” at the same conference SIIMCES-2025, SRM University Delhi-NCR, Sonapat from 21st to 23rd May 2025 (3 Days).

Mr. **J. Arun Prasad** Assistant Professor / Civil presented a paper titled “*Grey Water Treatment for Non-Potable Usage Creates a Sustainable Environment*” at the International Conference on **Sustainable Practices and Advancements in Civil Engineering (SPACE 25)** held at KPR Institute of Engineering and Technology, Coimbatore from 21st to 22nd March 2025 (2 Days).

Mr. **K. Vallarasu**, Assistant Professor / Civil, presented a paper titled “*Role of Agro-Ecosystem Practices for Enhancing Soil Health*” at the **10th National Conference on Agro - Ecological Farming System to Promote Sustainable Agriculture** held at Pushkaram College of Agriculture Sciences on 18th August 2024 (1 Day).

Mr. **K. Vallarasu**, Assistant Professor / Civil presented a paper titled “*Enhanced Photocatalytic Degradation of MB Dye using LaFeO_3 / TiO_2 Nanocomposites - Synergistic Performance under UV Irradiation*” at **ICFMST-2024** organized by SRM TRP Engineering College from 5th to 6th December 2024 (2 Days).

PUBLICATIONS

Dr.K.M.Gopalakrishnan has published a paper titled “Enhancing concrete beam performance with PVA fibers, coal ash, and graphene fabric: a comprehensive structural analysis” in International Journal of Coal Preparation and Utilization.

Dr.K.M.Gopalakrishnan has published a paper titled “Characterization of Euphorbia Tortilis Cactus Concrete Specimen by 3D X-ray Tomography” in Russian Journal of Nondestructive Testing.

Dr.K.M.Gopalakrishnan has published a paper titled “Application of perovskite-structured lithium titanate towards remediation of environmental pollutants” in Desalination and Water Treatment.

Dr. S. Christian Johnson has published a paper titled “Testing and evaluation of buckling and tensile performance of glass fiber-reinforced polymer angle section with different joints/connections” in Journal of Testing and Evaluation.

Dr. S. Christian Johnson has published a paper titled “Flexural and durability performance of alkaline resistance glass fiber and basalt fiber in fiber reinforced concrete” in Journal of Ceramic Processing Research.

Dr. S. Christian Johnson has published a paper titled “Non-destructive evaluation of subsurface corrosion on hot steel angle sections embedded in concrete and its repair by cement slurry and nitro zinc coating” in Zastita Materijala.

Dr.S.Arulmozhi has published a paper titled “Inventiveness and Estimation of MEMS Constructed Appliance for Healthcare and Ecological Intensive Care” in Nanotechnology Perception

Dr.R.Krishnsamy has published a paper titled “Durability Evaluation of Cactus-infused M25 Grade Concrete as a Bio-admixture” in Periodica Polytechnica Civil Engineering.

Dr.R.Krishnsamy has published a paper titled “Enhancing concrete flexural behaviour with euphorbia tortilis cactus: Sustainable additive for improved load-carrying capacity and ductility” in Indian Journal of Engineering & Materials Sciences.

Dr.R.Krishnsamy has published a paper titled “Concrete Strength: Rubber Crumbs & Steel Slag Mix - Python Analysis” in Computational Engineering and Physical Modeling.

M.Dhivakar Karthick has published a paper titled “Mechanical performance of mono and hybrid synthetic fibers engineered cementitious composites with silica fume” in Journal of Ceramic Processing Research.

M.Dhivakar Karthick has published a paper titled “Encapsulation of combined bacterium in clay pellet and silica gel for the autogenous healing of concrete” in Journal of Ceramic Processing Research.

J.Arun Prasad has published a paper titled “Non-destructive evaluation of subsurface corrosion on hot steel angle sections embedded in concrete and its repair by cement slurry and nitro zinc coating” in Materials Protection

K.Vallarasu has published a paper titled “ZnO heterojunction photocatalysts prepared via facile green synthesis process attaining improved photocatalytic function for degradation of methylene blue dye” in Desalination and Water Treatment nology.

K.Vallarasu has published a paper titled “Application of perovskite-structured lithium titanate towards remediation of environmental pollutants” in Desalination and Water Treatment.





FACULTY PARTICIPATION

Dr. S. Arulmozhi

- Attended Short Term Course on “Outcome Based Education and Accreditation Process” at NITTTR, Chandigarh from 25.11.2024 to 29.11.2024 (5 Days).
- Attended FDP on “Basic Environmental Engineering and Pollution Abatement” through NPTEL SWAYAM from Jul-24 to Oct-24 (12 weeks).
- Attended ATAL Sponsored FDP on “Nanotechnology in Materials Science” at Sakthi Polytechnic, Sakthi Nagar from 19.08.2024 to 24.08.2024 (6 days).
- Attended FDP on “Outcome Based Education (OBE) in Civil Engineering” at KPR Institute of Engineering & Technology, Coimbatore from 22.07.2024 to 26.07.2024 (5 Days).

Dr. R. Krishnasamy

- Attended Workshop on "DIY Science | Aeromodelling | Rocket Science | App Development Courses" at LMES Chitti from Jul-24 to Sep-24 (3 months).
- Attended Workshop on "STEM Educator Program Certification" at LMES Chitti from Jul-24 to Sep-24 (3 months).
- Attended FDP on "Structural Design with STAAD PRO" at NITTTR, Chandigarh from 23.09.2024 to 27.09.2024 (6 days).
- Attended FDP on "Enhancing Infrastructure Longevity through Innovative Concrete Technologies” at K.S.R. College of Engineering, Tiruchengode from 19.03.2025 to 25.03.2025 (6 days).
- Attended FDP on "Recent Developments In Structural Engineering & Skill Upliftment" at Haldia Institute of Technology, West Bengal from 26.03.2025 to 28.03.2025 (3 Days).

Mr. M. Balaji

- Attended FDP on "Earthquake Disaster Risk Mitigation & Management" at National Institute of Disaster Management, New Delhi from 11.11.2024 to 15.11.2024 (5 days).

Mr. M. Dhivakar Karthick

- Attended FDP on "Technological Advancements in Synthesis of Noval Materials" at Chaitanya Bharathi Institute of Technology, Hyderabad from 05.08.2024 to 10.08.2024 (6 Days).



- Attended STTP on "Structural Design with STAAD PRO" at Erode Sengunthar Engineering College, Perundurai from 23.09.2024 to 27.09.2024 (5 Days).
- Attended Workshop on "Advances in Alternative Construction Materials for Structural Applications" at PSG College of Technology, Coimbatore from 27.09.2024 to 28.09.2024 (2 Days).
- Attended FDP on "Mastering Research: Spotting Journal Scams & Finding Research Gaps" at PROMIND LEARNING ACADEMY, Erode from 13.01.2025 to 18.01.2025 (6 Days).
- Attended Webinar on "Spotlights on Advanced Concrete Technology" at Sethu Institute of Technology, Virudhunagar on 27.02.2025 (1 Day).
- Attended STTP on "Air Pollutants: Implications, Monitoring and Modeling" at Indian Institute of Remote Sensing (IIRS), Dehradun from 18.11.2024 to 22.11.2024 (7 Hrs & 30 Min).
- Attended STTP on "RS & GIS Applications in Natural Resource Management" at Indian Institute of Remote Sensing (IIRS), Dehradun from 11.11.2024 to 22.11.2024 (10 Hrs).

Mr. J. Arun Prasad

- Attended STTP on "RS & GIS Applications in Natural Resource Management" at Indian Institute of Remote Sensing (IIRS), Dehradun during Nov-24 (10 hours).
- Attended FDP on "Advanced Reinforced Concrete Design" through NPTEL SWAYAM from Jul-24 to Oct-24 (12 weeks).
- Attended FDP on "Deep Learning for Engineering Applications" at National Institute of Technical Teachers Training & Research, Chandigarh from 02.09.2024 to 06.09.2024 (7 days).
- Attended STTP on "Structural Design with STAAD PRO" at NITTTR, Chandigarh from 23.09.2024 to 27.09.2024 (7 days).
- Attended FDP on "Earthquake Disaster Risk Mitigation & Management" at National Institute of Disaster Management, New Delhi from 11.11.2024 to 15.11.2024 (5 days).

Mr. K. Vallarasu

- Attended STTP on "RS & GIS Applications in Natural Resource Management" at Indian Institute of Remote Sensing (IIRS), Dehradun during Nov-24 (10 hours).



- Attended FDP on "Outcome Based Education in Civil Engineering" at KPR Institute of Engineering & Technology, Coimbatore from 22.07.2024 to 26.07.2024 (5 Days).
- Attended FDP on "Structural Design with STAAD PRO" at NITTR & ESEC from 23.09.2024 to 27.09.2024 (5 Days).
- Attended FDP on "Geotechnical Engineering Laboratory" through NPTEL from Jul-24 to Aug-24 (4 Weeks).
- Attended FDP on "Curriculum Design and Implementation" at NITTR & ESEC from 18.11.2024 to 22.11.2024 (5 Days).
- Attended ATAL FDP on "Modern materials and smart techniques for sustainable development in construction industry" at Dhanalakshmi Srinivasan College of Engineering from 10.02.2025 to 15.02.2025 (5 Days).
- Attended Workshop on "Potential of NISAR for Disaster Mitigation and Management" at Indian Institute of Remote Sensing on 24.07.2024 (1 Day).
- Attended Workshop on "Session on Transformative Education: Integrating AI tools with Teaching Learning Process" at IQAC, ESEC on 02.08.2024 (1 Day).

Mrs. G. Janani

- Attended FDP on "Innovative Approaches to Energy, Sustainability and Climate Resilience: Teaching and Research Strategies for a Greener Future" at Nandha Engineering College, Erode from 16.12.2024 to 21.12.2024 (6 days).
- Attended FDP on "Advance Technologies and Innovations in Civil Engineering" at Eswari Engineering College, Chennai from 17.12.2024 to 31.12.2024 (15 days).
- Attended FDP on "Sustainable Urban Growth: The Intersection of Smart Cities and Mobility" at University College of Engineering, Ramanathapuram from 20.01.2025 to 25.01.2025 (6 days).
- Attended FDP on "AI & ML in Civil Engineering" at Sri Ranganathar Institute of Engineering and Technology, Coimbatore on 12.05.2025 (1 day).
- Attended Seminar on "Innovative Materials for Energy Harvesting and Storage: An ESG Perspective" at Sona College of Technology, Salem on 20.12.2024 (1 day).

ALUMNI CORNER



On 20.09.24 Alumni Er.Sivalingam.A.M, (2017-2021), Quality Engineer, Suzlon Global Services Limited, Pune shared experience on Career Insights of Civil Engineering Graduates in the Power Sector.

On 27.09.2024 Alumni Er.Ramakrishnan P QC Inspector of Precast Concrete, United Precast Concrete LLC, Abu Dhabi, UAE shared their experience about the Awareness on Career Opportunities of Precast Concrete Industry in UAE in civil engineering and their role in ensuring that the precast concrete elements meet the required standards of quality, safety, and performance before they are used in construction



On 30.09.2024, Alumni Er. T. Aravind from Design Engineer, Arrow Rebar Service, Salem shared their experience about the Skills Requirements for Design Engineers Opportunities in civil engineering design companies that may vary depending on the specific company, the position being filled, and the level of experience required.



On 14.10.2024, Alumni Er.Abishek S R Consulting Engineer, SPP Consulting Projects, Erode shared their experience about the Technical insights of Civil Projects for Better Career Opportunities in civil.

On 06.11.2024, Alumni Er.R.Dhanushkumar from Junior Detailer, Team Detailing Solutions, Chennai shared their experience about the Structural Detailer Career Opportunities - Overview of Team Detailing Solution in civil engineering field.

COMMUNITY ENGAGEMENT & OUTREACH

As part of our department's commitment to social responsibility and experiential learning, a community engagement activity was organized at Atchayam Trust, Erode. This initiative aimed to foster compassion, civic awareness, and active participation among students by providing them the opportunity to interact with and support underprivileged communities. The students enthusiastically conducted awareness programs, educational activities, and support services tailored to the needs of the residents at the Trust. The experience not only enhanced the students' interpersonal and organizational skills but also instilled in them a deeper understanding of their role in contributing to a more inclusive and empathetic society.



As a part of the community engagement initiative, a **Cancer Awareness Rally** was organized to educate the public about the importance of early detection, prevention, and healthy lifestyle practices in combating cancer. The rally witnessed active participation from students and faculty members, who marched with placards, raised slogans, and distributed informative pamphlets to raise awareness among the local community. The event aimed to break myths, reduce stigma, and encourage regular health check-ups. This socially impactful initiative not only spread vital health information but also empowered students to take an active role in community health and well-being.



INDUSTRIAL VISIT

Our department places strong emphasis on **industrial visits** as a vital component of practical learning. These visits are regularly organized to bridge the gap between academic curriculum and real-world industrial practices. By exposing students to live operations, modern technologies, and industry workflows, we aim to enhance their technical knowledge, professional skills, and industry readiness. Through continuous engagement with various industries, our students gain valuable insights, broaden their perspectives, and are better prepared to meet the evolving demands of the professional world. These visits also foster curiosity, innovation, and a deeper understanding of their field of study.



The Department of Civil Engineering has organized an industrial visit to The Soft Tex Processing Mills, SIPCOT Industrial Growth Centre, Perundurai for II, III and IV Year students on 23.10.2024. During the visit the students gained practical insights into the wastewater treatment and the innovative practices employed in the company.

STUDENTS CORNER



PHOTO GALLERY



Engineers Day Celebration



Association Inauguration



Pongal Celebration



Association Event



Career Guidance Cell Event



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