



# SRM

INSTITUTE OF SCIENCE & TECHNOLOGY  
(Deemed to be University u/s 3 of UGC Act, 1956)

# XPLOCTV

Civil Engineering - Newsletter

January - March 2025

(For private circulation only)



## SRM INSTITUTE OF SCIENCE & TECHNOLOGY

SRM Nagar, Kattankulathur - 603 203, Chengalpattu District, Tamil Nadu.



A++



Category 1  
with 12B Status



(2024)  
12<sup>th</sup> Ranked University



(2025) World Ranking  
one among 46 Indian Universities



(2024) World Ranking  
one among 91 Indian Universities



VERY GOOD  
QS 4 Star Rated Globally



(2024) World Ranking  
Ranked 5-7 in Indian Universities

**We learn, leap, and lead.**





# Inception of Civil Engineering at SRM

*Being one of the oldest and well-established departments of SRM Institute of Science and Technology, the mission of the Civil Engineering department is to become a frontier in research to meet national and global challenges, demands, and expectations and create outstanding engineers who can compete at the global level. B. Tech Civil Engineering Programme at Kattankulathur campus is accredited by Engineering Accreditation Commission (EAC) of ABET ([www.abet.org](http://www.abet.org)) and National Board of Accreditation (NBA). The department offers two undergraduate programs of Civil Engineering, namely B.Tech Civil Engineering and B.Tech Civil Engineering with Computer Application. In addition to undergraduate degrees, the department offers post-graduate programs, viz Structural Engineering, Construction Engineering and Management, Geotechnical Engineering, Environmental Engineering and Remote Sensing and GIS. Besides, Ph. D program in all specializations are being offered. Among 220+ companies visiting every year to hire students, the top placement companies are TATA, Wipro, Cognizant, UltraTech, Infosys, JSW, L & T and AFCONS.*

*The department is established with twelve well-equipped laboratories and three research laboratories established from the eleven external and internal funded projects by NTTM, DST, MoES and SRM Institute of Science and Technology. The total outlay of the entire research facility is approximately 10 Crores INR. The department has five student chapters that serves as a gateway to forums, panel discussion, and symposia that further enhance student's professional development. The department has signed fifteen Memorandum of Understanding's (MoU's) with the reputed national and international institutes and industries to collaborate and share knowledge in academic and research activities. The department consists of a group of experienced and qualified faculties who have published a considerable number of articles in SCI and Scopus indexed journals, Indian and International patent applications in the emerging field of science and technology. They also contribute to the social and academic development by organizing and participating in campaigns and events of social relevance.*

# HOD's Message

Greetings!!

*The popular saying of Sir Mokshagundam Visvesvaraya, which inspires us to date, "The way to build a nation is to build a good citizen. The majority of the citizens should be efficient, of good character, and possess a reasonable high sense of duty."*

*With this thoughtful message and in the same spirit, I am pleased to announce the release of our next newsletter, aiming to highlight the consolidated information about the department's progress in all aspects between January and March 2025. In our department, we develop future leaders with creative thinking skills and abilities who can contribute to the nation's growth. Our department has 12 basic and advanced student laboratories, fifteen MOU signed, 87+ patents, eleven external funded projects, and five student chapters. We have well-equipped research facilities that support the research activities of the scholars and faculty members in the department. It is indeed proud to share that, with an outstanding contribution of our faculty members in research, the highest impact factor of the department increases to 13.85. I thank all the faculty members and students for their support in organizing and conducting departmental activities. I congratulate and thank the editorial board members for extending their support for making this newsletter successful. I am incredibly thankful to all the faculty members of our department for sharing the necessary information on time that helps us to bring this newsletter.*

*We have many new things to talk about in the months ahead, including excellence in teaching and learning and exciting career initiative accomplishments. We need to continue telling the story of all the great things we do, especially how we engage students, businesses, and communities!*



**Dr. P. T. Ravichandran**  
**Professor & Head**



## Inside

- Laboratory facilities
- Research facilities
- Projects & Patents
- Faculty achievements
- Department activities
- Publications
- Scholars achievements

## Vision

*To become a frontier in various fields of Civil Engineering education and research to meet national and global challenges in accordance with the societal needs.*

## Mission

- *To attract and build people in a rewarding and inspiring environment by fostering freedom, empowerment, creativity and innovation.*
- *To accomplish a process to advance knowledge in a rigorous research environment related to civil engineering and allied disciplines*
- *To move up through international alliances and collaborative initiatives in civil engineering to achieve global excellence*

## From HOD's desk



*"A leader is one who makes followers understand that great achievements can only happen outside their comfort zone."*

## Editors desk

*"The success of a strong professional depends on how much they bounce up when they hit bottom."*



*It is indeed my great honor to be an editor of our newsletter "Xplociv," and it gives me immense pleasure to publish this issue of volume 14. The editorial team feels highly privileged to highlight the activities and achievements of our department, made possible by the massive work done by the faculty members, Research Scholars and students.*

# Department at a glance

## Facilities

- Structural Engineering Laboratory
- Structural Testing Laboratory
- Civil Computer Laboratory
- Soil Mechanics Laboratory
- Transportation Engineering Laboratory
- Computer Analytical Laboratory (Bentley supported)
- Fluid Mechanics and Machinery Laboratory
- Strength of Materials Laboratory
- Concrete Technology Laboratory
- Survey Laboratory
- Environmental Engineering Laboratory
- Remote Sensing and GIS Laboratory



## Laboratory facilities



We learn, leap, and lead



# Ongoing Funded Projects



## Enabling of Academic Institutes in Technical Textiles for Private and Public Institutes

Principal Investigator  
**Dr. P. T. Ravichandran**

Co-Principal Investigators  
**Dr. E. Sasikala**  
**Dr. R. Sathyanathan**  
**Dr. P. R. Kannan Rajkumar**  
**Dr. Divya Krishnan K**  
**Dr. V. Janani**  
**Dr. R. Ramasubramani**  
**Dr. S. Durgadevagi**

**Rs. 5.09 Crores**

**National Technical Textiles Mission**



**Quantitative and Qualitative Assessment of Marine Litter and Microplastics in the Coastal Environment including Lagoon and Estuarine Systems along Indian Coast**

**Dr. R. Nagalakshmi**

**Rs. 1.73 Crore**

**Ministry of Earth Sciences**



# Ongoing Funded Projects



## **DEVELOPMENT OF SUSTAINABLE BUILDING BLOCK WITH LOW CARBON FOOTPRINT**

**Principal Investigator  
Dr. S. Durgadevagi**

**Co-Principal Investigators  
Dr. R. Ramasubramani  
Dr. Pachiappan R**

**Rs. 2.55 Lakhs**

**Selective Excellence Research Initiative  
(SERI)**



## **REMEDIATION OF SURFACE WATER BODIES POLLUTED BY DOMESTIC WASTEWATER USING FLOATING WETLAND TREATMENT SYSTEMS**

**Principal Investigator  
Dr. R. Sathyanathan**

**Co-Principal Investigators  
Dr. P.T. Ravichandran  
Dr. K. Ramani**

**Rs. 3.40 Lakhs**

**Selective Excellence Research Initiative  
(SERI)**



## **DYE EFFLUENT TREATMENT USING FUNCTIONALIZED CHITOSAN THROUGH COMPLEXATION ULTRAFILTRATION**

**Principal Investigator  
Dr. E. Kavitha**

**Co-Principal Investigator  
Dr. K. Prasanna**

**Rs. 1.20 Lakhs**

**Selective Excellence Research Initiative  
(SERI)**

# Patents Published & Granted



A patent provides substantial confidence and security by granting exclusive rights to the invention. It safeguards unauthorised use giving inventors control over how their innovation is utilised commercially. This legal protection fosters confidence in pursuing further research and development without fear of competitors exploiting their ideas. It also enhances credibility when seeking investment or partnerships, as patents demonstrate a commitment to innovation and a potential for market advantage. Overall, patents offer a vital layer of security and confidence in navigating competitive markets and protecting intellectual property.

## **A DUAL FUSE SYSTEM FOR A BEAM-COLUMN END PLATE CONNECTION AND A METHOD THERE OF**

**Dr. C. Arunkumar**  
**202541000954 A**  
**Date:10.01.2025**

## **A RAILWAY TRACK HEALTH MONITORING SYSTEM AND A THERE OF**

**Dr. M. Balasubramanian**  
**202441052229 A**  
**Date: 31.01.2025**

## **AN INTEGRATED HEALTH MONITORING SYSTEM AND A METHOD THEREOF**

**Dr. M. Balasubramanian**  
**202541005169 A**  
**Date: 31.01.2025**

## **A MULTI-FUNCTIONAL ENERGY-HARVESTING TILE FOR SUSTAINABLE POWER GENERATION**

**Dr. M. Balasubramanian**  
**202541009578 A**  
**Date: 14.02.2025**

## **A FAILURE DETECTION SYSTEM FOR DETECTING POTENTIAL FAILURES IN FORMWORK AND SCAFFOLDING STRUCTURE ELEMENTS**

**Dr. J. Rajprasad**  
**202441070690 A**  
**Date: 28.02.2025**

## **SYSTEM AND METHOD FOR GENERATING ELECTRICITY USING A SUSTAINBLE ENERGY HARVESTING BRICK**

**Dr. M. Balasubramanian**  
**202541014366 A**  
**Date:07.03.2025**

## **CONCRETE COMPOSITION FOR WIRELESS POWER TRANSMISSION**

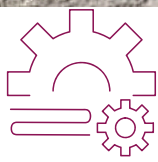
**Dr. M. Balasubramanian**  
**202541018795 A**  
**Date:14.03.2025**

## **ARTIFICIAL INTELLIGENCE BASED CEMENT QUALITY ANALYSIS MACHINE IN CONSTRUCTION INDUSTRY**

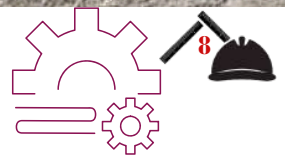
**Dr. N. Pannirselvam**  
**434411-001**  
**Date: 13.01.2025**







# Department Activities



## Guest Lecture




SRM INSTITUTE OF SCIENCE AND TECHNOLOGY  
COLLEGE OF ENGINEERING AND TECHNOLOGY  
DEPARTMENT OF CIVIL ENGINEERING  
Kattankulathur - 603 203

In association with  
SRMIST  
IE(I) STUDENT CHAPTER & ICI STUDENT CHAPTER  
Organizes a  
**GUEST LECTURE**  
on

**Blast Resistant Material:  
A New Innovative Concrete material  
to resist blast loading**

by

  
**Prof. Ir. Dr. Mohammed Alias Yusof**  
Universiti Pertahanan Nasional Malaysia

Date and Time: 21.01.2025 & 11.00 AM  
Venue: SIR VISVESVARAYA SEMINAR HALL (CRC 3<sup>rd</sup> Floor)

CONVENER  
Dr. P. T. RAVICHANDRAN  
Professor and Head / Civil

COORDINATORS  
Dr. N. Parthasarathi  
Assistant Professor/Civil  
Dr. R. Ramasubramani  
Assistant Professor/Civil

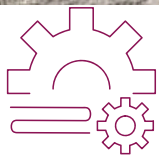
Logos of various institutions and organizations are displayed at the bottom.

The Department of Civil Engineering, SRM Institute of Science and Technology, Kattankulathur, in association with the SRMIST IE(I) Student Chapter, SRMIST ICI Student Chapter, and SRM Institutions Innovation Council (SIIC), organized a guest lecture delivered by **Prof. Ir. Dr. Mohammed Alias Yusof** from **Universiti Pertahanan Nasional Malaysia** on the topic **“Blast Resistant Material: A New Innovative Concrete Material to Resist Blast Loading,”** which was held on 21st January 2025, in Sir Visvesvaraya Seminar Hall.

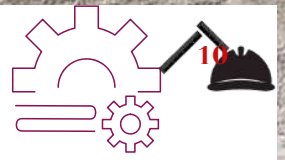
Speaker:

**Prof. Ir. Dr. Mohammed Alias Yusof**  
**Universiti Pertahanan Nasional Malaysia.**





# Department Activities



## Guest Lecture



SRM INSTITUTE OF SCIENCE AND TECHNOLOGY  
COLLEGE OF ENGINEERING AND TECHNOLOGY  
DEPARTMENT OF CIVIL ENGINEERING

**Dr. T.P. GANESAN**  
**3rd MEMORIAL LECTURE**

**CURRENT TRENDS IN REAL ESTATE AND INFRASTRUCTURE SEGMENTS**

by  
**Dr. C. VELAN**  
CEO - CEEBROS  
CHENNAI - 600 028

DATE : 03.02.2025 | TIME : 10.30 AM

VENUE : SIR VISVESVARAYA SEMINAR HALL, CRC BLOCK, SRMIST

Dr. P. T. Ravichandran  
Professor & HOD \ Civil

Dr. R. Sathyanathan  
Associate Professor

Dr. N. Parthasarathi  
Assistant Professor

Dr. R. Ramasubramani  
Assistant Professor

Student co-ordinators :  
Ms. Venus D Rayan  
M.Tech (Structural Engineering)

Mr. M. Saran Kumar  
M.Tech (Construction Engineering & Management)

NAAC  
Category 1  
with CSE Status

nirf  
12th Ranked University

QS  
2025 World Ranking  
one among 40 Indian Universities

THE  
2024 World Ranking  
one among 50 Indian Universities

QS  
4 Star Rated Globally

SHANGHAI  
RANKING  
2024 World Ranking  
Ranked 5-7 in Indian Universities

*The Department of Civil Engineering, SRMIST, organized the Dr. T. P. Ganesan 3rd Memorial Lecture on 3rd February 2025, in Sir Visvesvaraya Seminar Hall, CRC Block. Dr. C. Velan, CEO of CEEBROS, Chennai, delivered a lecture on "Current Trends in Real Estate and Infrastructure Segments." The event began with a lamp lighting ceremony and a floral tribute to Dr. T. P. Ganesan, attended by students, research scholars, faculty members, and distinguished guests.*

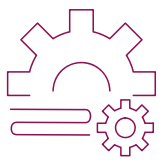
**Speaker:**

**Dr. C. Velan**

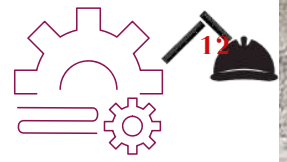
**CEO - CEEBROS, Chennai.**







# Department Activities

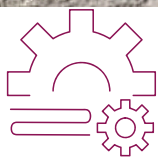


## Inauguration of Centre



*The Centre for Remote Sensing and GIS was inaugurated by **Dr. T.V. Gopal, Dean - College of Engineering and Technology**, in the Department of Civil Engineering, SRMIST, Kattankulathur on 4th February 2025, to advance research and applications in geospatial technology. The center focuses on innovative solutions in civil engineering, environmental studies, disaster management, and urban planning. It will serve as a hub for academic and industry collaborations, fostering advancements in Remote Sensing and Geographic Information Systems (GIS).*





# Department Activities



## Faculty Development Programme



AUTODESK

SRM INSTITUTE OF SCIENCE AND TECHNOLOGY  
COLLEGE OF ENGINEERING AND TECHNOLOGY  
DEPARTMENT OF CIVIL ENGINEERING  
Kattankulathur - 603 203

AUTODESK

Jointly organize a  
Two Days Faculty Development Program on

### BIM Fundamental using Autodesk Revit



**Ms. BHARATHI BALAJI**

Team Leader Technical  
USAM Technology Solutions Pvt. Ltd.,  
Chennai

**Date & Time**  
27<sup>th</sup> and 28<sup>th</sup> February 2025  
9.00 AM - 4.00 PM

**Venue**  
Civil Computer Laboratory  
CRC Complex, 2<sup>nd</sup> Floor

**CONVENER**  
**Dr. P. T. RAVICHANDRAN**  
Professor and Head / Civil

**CO-ORDINATORS**  
**Dr. V.R. PRASATH KUMAR**  
Assistant Professor / Civil

**Dr. C. PAVITHRA**  
Assistant Professor / Civil

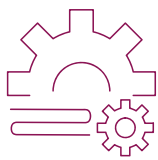


*The Department of Civil Engineering, SRMIST, jointly with Autodesk, organized a two-day Faculty Development Programme (FDP) on "BIM Fundamentals using Autodesk Revit" on February 27-28, 2025, at the CRC Complex, SRMIST, KTR. The session, led by Ms. Bharathi Balaji from USAM Technology (Autodesk Learning Partner), focused on enhancing faculty expertise in Building Information Modelling (BIM), parametric design, and documentation tools. Around 21 faculty members from the Civil Engineering Department participated.*

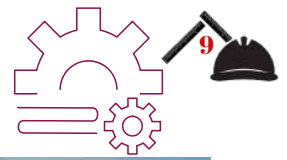
**Speaker:**

**Ms. Bharathi Balaji**

**USAM Technology (Autodesk Learning Partner)**



# Department Activities



## International Conference



DEPARTMENT OF CIVIL ENGINEERING  
COLLEGE OF ENGINEERING AND TECHNOLOGY  
SRM INSTITUTE OF SCIENCE AND TECHNOLOGY  
Kattankulathur - 603 203, Tamil Nadu, India

Cordially invites you for the inaugural of

**SECOND INTERNATIONAL CONFERENCE ON  
CIVIL ENGINEERING INNOVATIVE DEVELOPMENT  
IN ENGINEERING ADVANCES**

**20<sup>th</sup> – 22<sup>nd</sup> March 2025**

**Chief Guest**  
**Dr. V. Ramachandra**  
President (ICI)  
Technical Advisor, Ultra Tech Cements Ltd., Mumbai

**Dr. Anil Joseph**  
President (IGS)  
Managing Director, Geo Structurals Pvt. Ltd., Cochin

**Guests of Honor**  
**Dr. Ranjith Dissanayake**  
Professor, Curtin University, Colombo, Sri Lanka

**Dr. Anjay Kumar Mishra**  
Dean, Madhesh University, Nepal

**Dr. Mohammed Alias Yusof**  
Professor, Universiti Pertahanan Nasional Malaysia, Kuala Lumpur

**Dr. C. Velan**  
CEO, Ceebros, Chennai

**Dr. Ayothiraman. R**  
Professor, IIT, Tirupati

**Er. Jayasankar K**  
Senior Vice President,  
UltraTech Cement Limited, Mumbai

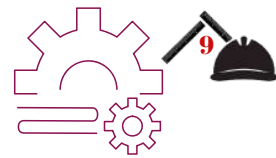
**Presides**  
**Dr. S. Ponnusamy**  
Registrar, SRMIST

*The Department of Civil Engineering, SRM Institute of Science and Technology, Kattankulathur, organized a three days **2nd International Conference on Civil Engineering Innovative Development in Engineering Advances (ICC IDEA - 2025)**, in association with MAHSA University, Malaysia; UNIMAS, Malaysia; and Kasetsart University, Thailand. The conference was supported by our esteemed industrial partners: Navins, UltraTech Cement, Casagrand, UHPC INDIA, GMS, GVS, and EFTC, conducted from 20th March to 22nd March 2025.*





# Department Activities



## Training Programme



Training Programme - Hands on Quality Control Lab for AEs & Overseers  
organised by SIRD & PR at SRM University, Kattankulathur  
DATE: 10.03.2025 to 14.03.2025



STATE INSTITUTE OF RURAL DEVELOPMENT & PANCHAYAT RAJ  
MARAIMALAI NAGAR, CHENGALPATTU DISTRICT

*The Department of Civil Engineering, College of Engineering and Technology, SRM Institute of Science and Technology, Kattankulathur, in collaboration with State Institute of Rural Development & Panchayat Raj, Maraimalai Nagar, Chengalpattu District, organized a five days training programme - Hands on Quality Control Lab for Assistant Engineers & Overseers, under “Quality Control of Construction Materials for Rural Development Department Technical Officials”.*

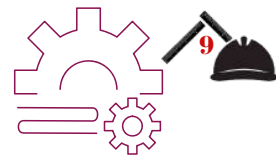
### *Training Sessions:*

*24.02.2025 to 28.02.2025 - Sixth week training programme*

*10.03.2025 to 14.03.2025 - Seventh week training programme*



# Department Activities



## Industrial Visit



*The Department of Civil Engineering of SRM Institute of Science and Technology, Kattankulathur organized a field visit for I and II Year M. Tech Environmental Engineering students to **Koyambedu Sewage Treatment Plant**, Tamil Nadu on 13th March 2025 as a part of Environmental Engineering studies. The main purpose for this visit is to obtain practical knowledge about how raw wastewater is treated and distributed. The students joined the visit under the guidance of faculty co-ordinator Dr. S. Ramesh - Assistant Professor.*

### **Industrial visit Organizers:**

Dr. K. Prasanna - Associate Professor

Dr .S. Dhanasekar - Assistant Professor



Department of Civil Engineering  
College of Engineering & Technology  
SRM Institute of Science and Technology, Kattankulathur  
Placement - B.Tech Civil Engineering (2025 Batch)

*Heartiest congratulations!*

*Gulf Asia*



**Mr. Akash Varun R**  
RA 2111001010021  
CTC 6.37 LPA



**Mr. Ananthakrishnan Biju**  
RA 2111001010010  
CTC 6.37 LPA



**Mr. Chandru K**  
RA 2111001010040  
CTC 13 LPA

*Gulf Contracting Company*



**Mr. Dhileep S**  
RA 2111001010038  
CTC 11.23 LPA



**Mr. Thanuresh Niranjana**  
RA 2111001010055  
CTC 11.23 LPA



**Mr. Adhitha R**  
RA 2111001010044  
CTC 5.00 LPA

*DAR International for Engineering*



**Mr. Akash S**  
RA 2111001010039  
CTC 6.60 LPA



**Mr. Hariharan V**  
RA 2111001010030  
CTC 6.60 LPA



## Faculty Achievements



**Dr. N. Umamaheshwari** *Chaired* an online session on **"Structural Rehabilitation, Retrofitting, and Strengthening"** at the 3rd International Conference in Construction Engineering (ICCE 2024), organized by the University of Lorraine, France, on 23rd February 2025.

**Dr. M. Balasubramanian** has received a **Certificate of Achievement** for completing the crash course on **"Navigating the NBA Accreditation Process for HE Institutions"** conducted by EDHITCH on 22nd February 2025.



**Dr. R. Nagalakshmi** was the **Co-Organiser and Keynote Speaker** at the International Conference on **"SEA the Future"** at Kasetsart University, Thailand, from February 26, 2025, to February 28, 2025.

**Dr. M. Bhuvaneshwari** acted as **Resource Person** in the International Conference on Utilizing AI: Prospects for Women conducted by Puducherry Arts and Research Academy, Pondicherry held from 15<sup>th</sup> March to 16<sup>th</sup> March 2025.

- Received **second place** in Pictorial Memory Battle Competition conducted during Women's Day 2025 celebrations organized by SRM institute of Science and Technology, Kattankulathur.



**Dr. M. Kamalanandhini** has received **second place** in the Picture Memory Battle competition conducted as part of International Women's Day 2025 celebrations at SRM Institute of Science and Technology, Kattankulathur.

**Ms. S. Mary Rebekah Sharmila** has won **Second Prize** in the "Waste out of Wealth" competition and **Second Prize** in the "Picture Memory Battle" conducted as part of various events in International Women's Day 2025 celebration at SRM Institute of Science and Technology, Kattankulathur.







## Faculty Achievements



**Dr. T. M. Jeyashree** Received the **Best Paper Award** in the International Conference on Civil Engineering Innovative Development in Engineering Advances (**ICC IDEA 2025**) organized by the Department of Civil Engineering, SRMIST, Kattankulathur from 20th March to 22nd March 2025.

**Dr. M. Prakash** received **Best Paper Award** in International Conference - International Nexus on Novel Opportunities Ventures, Advances in Management, Engineering and Science (INNOVAMES-2025) held from 3rd March to 4th March 2025.



**Dr. P. Krithika** Received the **Best Paper Award** in the International Conference on Civil Engineering Innovative Development in Engineering Advances (**ICC IDEA 2025**) organized by the Department of Civil Engineering, SRMIST, Kattankulathur from 20th March to 22nd March 2025.



## Guest Lectures



**Dr. P. Purushothaman**, Associate Professor, delivered an invited lecture on the topic "**Microplastics in Freshwater Environment**" at MICROPLAST 2025 – a one-day workshop focused on Microplastics and Human Health. The event took place on 8th February 2025, and was jointly organized by the Tamil Nadu State Council for Science and Technology and the Centre for Energy Storage Technologies (CEST), Anna University, Chennai.

**Dr. Karuppasamy Sudalaimuthu** delivered a **Guest Lecture** on "**Basics of Remote Sensing and GIS**" at SA Engineering College, Thiruverkadu, Chennai, on 24th January 2025.





**Dr. R. Sivakumar**

- *Participated in the Disaster Management and Resilient Sustainable Cities program under AICTE ATAL Programme, MNIT Bhopal, from 6th January to 11th January 2025.*

- *Served as the Institute Level Course Coordinator for the IIRS - Outreach Programme on "Remote Sensing of Soils: Mapping, Classification and Evaluation for Agricultural Land Use Planning" held from 3rd March to 7th March 2025.*
- *Participated in the UNAI Workshop on "Teaching using Artificial Intelligence" organized by the Directorate of Learning and Development, SRM Institute of Science and Technology, Kattankulathur Campus, held from 20th March to 21st March 2025.*
- *Attended training on Generative AI organized by the School of Computing, CET, SRMIST from 23rd January to 25th January 2025.*



**Dr. N. Umamaheshwari**

- *Presented a paper titled "Numerical Investigation on Behavior of Stiffened Concrete-Filled Steel Composite Columns" at the ASCE International Conference on Challenges and Innovations for Sustainable Smart Cities (CISSC 2025), held from 7th February to 9th February 2025, at Hotel Novotel, Chandigarh. The conference was organized by ASCE India Section Northern Region and Punjab Engineering College, Chandigarh.*

- *Presented as the corresponding author for three papers at the International Conference on Civil Engineering Innovative Development in Engineering Advances (ICC IDEA-2025), organized by the Department of Civil Engineering, SRMIST, Kattankulathur, from 20th March to 22nd March 2025.*



**Dr. R. Sathyanathan**

- *Presented a paper in the International Conference on Civil Engineering Innovative Development in Engineering Advances (ICC IDEA 2025) organized by the Department of Civil Engineering, SRMIST, Kattankulathur, held from 20<sup>th</sup> March to 22nd March 2025.*





**Dr. N. Pannirselvam**

- Presented Paper in the International Conference on Civil Engineering Innovative Development in Engineering Advances (ICC IDEA-2025) organized by the Department of Civil Engineering, SRMIST, Kattankulathur, from 20th March to 22nd March 2025.

- Presented three papers in the International Conference on Sustainable Practices and Innovation in Civil Engineering, organized by SSN College of Engineering, Kalavakkam, from 13th to 14th February 2025.



**Dr. Sachikanta Nanda**

- Presented a paper in the International Conference on Civil Engineering Innovative Development in Engineering Advances (ICC IDEA 2025) organized by the Department of Civil Engineering, SRMIST, Kattankulathur, held from 20th March to 22nd March 2025.

- Participated in the Leveraging Contemporary Educational Tools for Engagement program at NITTTR, Taramani, from 10th February to 14th February 2025.
- Participated in a Five-Day Online Workshop on "Interdisciplinary Approaches in Geotechnical and Geoenvironmental Engineering," held from 17th February to 21st February 2025.
- Attended an FDP on "Quality Management" organized by NITTTR, Taramani, from 10th March to 14th March 2025.



**Dr. P. R. Kannan Rajkumar**

- Presented a paper in the International Conference on Civil Engineering Innovative Development in Engineering Advances (ICC IDEA 2025) organized by the Department of Civil Engineering, SRMIST, Kattankulathur, held from 20th to 22nd March 2025.



**Dr. A. Arokiaprakash**

Participated in the ATAL Academy Faculty Development Programme on "Transforming Disaster Management and Resilience in Civil Engineering through Adaptive AI and Neuromorphic Computing," organized by AAA College of Engineering and Technology from 10<sup>th</sup> February to 15<sup>th</sup> February 2025.

## Faculty Activities



**Dr. K. S. Anandh**

- Presented a paper in the Second International Conference on Civil Engineering Innovative Development in Engineering Advances (ICC IDEA-2025) organized by SRMIST, Kattankulathur, Tamil Nadu, India, from 20th March to 22nd March 2025.



**Dr. S. Anandh**

- Participated in the ATAL Faculty Development Programme on "Artificial Intelligence in Disaster Mitigation and Resilient Structure Design," organized by SRM Institute of Science and Technology, Ramapuram Campus, from 3rd to 8th February 2025.

- Presented a paper in the Third International Conference on Construction Engineering held online in Syria from 23rd February to 24th February 2025.
- Presented a paper in the International Conference on Engineering, Science and Management (ICESM 2025) organized by Guru Gobind Singh College of Engineering and Research Centre, Nashik, Maharashtra from 11th March to 12th March 2025.
- Presented a paper in the International Conference on Civil Engineering Innovative Development in Engineering Advances (ICC IDEA-2025) organized by the Department of Civil Engineering, SRM Institute of Science and Technology, Kattankulathur from 20th March to 22nd March 2025.
- Attended Faculty Development Programme (FDP) on "Innovations and Intellectual Property in Civil Engineering Research" organized by Sir. M. Visvesvaraya Institute of Technology, Bangalore from 24th March to 29th March 2025.



**Dr. Divya Krishnan K**

- Participated in the Professional Development Programme on "Whole Brain Engineering" organized by NITTTR, Chennai, from 3rd March to 7th March 2025.



## Faculty Activities



- Participated in the Faculty Development Programme on "Optimization Techniques and their Applications in Water Supply Systems Design", organized by E & ICT Academy - NIT Warangal, from 20th January to 30th January 2025.

### **Dr. D. Jaishree**

- Participated in the Faculty Development Programme on "Indian Knowledge System and Universal Human Values," organized by NITTTR Chennai - NIT Warangal from 3rd to 7th February 2025.
- Participated in the Faculty Development Programme on "AI Tools," from 17th February to 21st February 2025.
- Attended the Faculty Development Programme on "Whole Brain Engineering" organized by NITTTR, Chennai, from 3rd March to 7th March 2025.



Presented a paper in the International Conference on Civil Engineering Innovative Development in Engineering Advances (ICC IDEA 2025) organized by the Department of Civil Engineering, SRMIST, Kattankulathur, held from 20th March to 22nd March 2025.

### **Dr. S. Prakash Chandar**



- Participated in an AICTE-approved 3-Day Face-to-Face Faculty Development Programme (FDP) on "Universal Human Values Introductory," held from 30th January to 1st February 2025.

### **Dr. L. Sabrigirivasan**

- Presented a paper in the International Conference on Civil Engineering Innovative Development in Engineering Advances (ICC IDEA 2025) organized by the Department of Civil Engineering, SRMIST, Kattankulathur, held from 20th to 22nd March 2025.
- Presented in the 6th International Conference on Sustainable Environment and Civil Engineering organized by the Department of Civil Engineering, Easwari Engineering College, Ramapuram, Chennai, from 27th March to 28th March 2025.



- *Attended the Faculty Development Program on Generative AI for Academia, organized by Ripples (Learning & Research) and SRM Institute of Science and Technology, Kattankulathur, from 2nd January to 4th January 2025.*

**Dr. T. M. Jeyashree**

- *Attended AICTE 5 days In-house Faculty Development Programme (FDP) on Universal Human Values - II organized by SRM Institute of Science and Technology, Kattankulathur from 11th March to 15th March 2025.*
- *Presented a paper in the 2nd International Conference on Civil Engineering Innovative Development in Engineering Advances (ICCIDEA 2025) organized by the Department of Civil Engineering, SRM Institute of Science and Technology, Kattankulathur from 20th March 2025 to 22nd March 2025.*
- *Participated in the Professional Development Programme (PDP) on Core & Interdisciplinary Research Methodology and IPR organized by NITTTR Chennai from 24th March to 28th March 2025.*



- *Participated in the Training of Trainers Program on Gatekeepers Training on Suicide Prevention organized by the Department of Clinical Psychology, SRM Medical College Hospital and Research Centre, Kattankulathur, from 5th March to 6th March 2025.*

**Dr. M. Kamalanandhini**

- *Participated in the Faculty Development Program on Behavioural Psychology organized by SRM Institute of Science and Technology, Kattankulathur, from 17th March to 21st March 2025.*
- *Presented a paper in the Second International Conference on Civil Engineering Innovative Development in Engineering Advances (ICC IDEA-2025) organized by SRMIST, Kattankulathur, Tamil Nadu, India, from 20th March to 22nd March, 2025.*



- *Participated in the Faculty Development Programme on "Inculcating Universal Human Values in Technical Education," held from 30th January to 1st February 2025.*
- *Participated in the AICTE-approved 3-day Face-to-Face Faculty Development Programme (FDP) on "Universal Human Values - Introductory," held from 30th January to 1st February 2025.*

**Dr. S. Karthiga**





- *Participated in the Water Quality Testing (WQT-2025) workshop organized by the Department of Chemical Engineering, SRM Institute of Science and Technology, Kattankulathur, from 5th March to 6th March 2025.*

### **Dr. D. Justus Reymond**

- *Presented a paper in the Second International Conference on Civil Engineering Innovative Development in Engineering Advances (ICC IDEA-2025) organized by the Department of Civil Engineering, SRM Institute of Science and Technology, Kattankulathur, from 20th March to 22nd March, 2025.*



- *Participated in the Faculty Development Programme on "Universal Human Values IV" organized by AICTE at SRM Institute of Science and Technology, Kattankulathur, from 18th January to 25th January 2025.*

### **Ms S. Mary Rebekah Sharmila**

- *Attended two days workshop on "Exploring Wellness: A Research-Based Workshop," organized by SRM Medical College hospital and Research Centre , Kattankulathur held from 12th February to 13th February 2025.*
- *Participated Faculty Development Programme on "AI Tools," organized by SRMIST, Kattankulathur, from 17th to 21st February 2025.*
- *Participated Hands on training "Teaching with Technology," organized by the Department of Electrical and Electronics Engineering, SRMIST, Kattankulathur held on 28th February 2025.*
- *Attended the Faculty Development Programme on "Building Resilient Infrastructure for Natural Disasters and Climate Change" organized by Sri Venkateswara College of Engineering, Sriperumbudur, from 3rd March to 7th 2025.*
- *Attended the TOT Program on "Gatekeeper Training on Suicide Prevention" organized by the Department of Clinical Psychology, SRM Medical College Hospital and Research Centre, Kattankulathur, from 5th March to 6th March 2025.*
- *Attended the Faculty Development Programme on "Behavioral Psychology" organized by SRM Institute of Science and Technology, Kattankulathur, from 17th March to 21st March 2025.*
- *Successfully completed the AICTE-evaluated Two-week Patent Course offered by Turnip Innovations from 17th February to 2nd March 2025.*



**Dr. C. Pavithra**

- *Participated in the ATAL FDP at AAA College of Engineering and Technology from 10th February to 15th February 2025.*

- *Attended the Faculty Development Program on Generative AI organized by SRM Institute of Science and Technology, Kattankulathur, from 13th March to 15th March 2025.*
- *Participated in the 2nd International Conference on Civil Engineering Innovative Development in Engineering Advances (ICC IDEA-2025) organized by the Department of Civil Engineering, SRM Institute of Science and Technology, Kattankulathur, from 20th March 2025 to 22nd March 2025.*



**Dr. S. Sindhu Nachiar**

- *Participated in the ATAL Faculty Development Programme on "Artificial Intelligence in Disaster Mitigation and Resilient Structure Design," organized by SRM Institute of Science and Technology, Ramapuram Campus, from 3rd to 8th February 2025*

- *Presented a paper in the Third International Conference on Construction Engineering held online in Syria from 23rd February to 24th February 2025.*
- *Participated Faculty Development Programme on "AI Tools," organized by SRMIST, Kattankulathur, from 17th February to 21st February 2025.*
- *Participated Hands on training "Teaching with Technology," organized by the Department of Electrical and Electronics Engineering, SRMIST, Kattankulathur held on 28th February 2025.*
- *Presented a paper in the International Conference on Engineering, Science and Management (ICESM 2025) organized by Guru Gobind Singh College of Engineering and Research Centre, Nashik, Maharashtra from 11th March to 12th March 2025.*
- *Presented a paper in the International Conference on Civil Engineering Innovative Development in Engineering Advances (ICC IDEA-2025) organized by the Department of Civil Engineering, SRM Institute of Science and Technology, Kattankulathur from 20th March 2025 to 22nd March 2025.*
- *Participated in the Faculty Development Programme (FDP) on "Innovations and Intellectual Property in Civil Engineering Research" organized by Sir. M. Visvesvaraya Institute of Technology, Bangalore from 24th March to 29th March 2025.*





- *Attended One Week National Level Online FDP on “Innovative Teaching Strategies” organized by Hi-Tech Edu Tech Institute, Bangalore from 6th March to 12th March 2025.*

**Dr. M. Bhuvaneshwari**

- *Attended FDP on Behavioral Psychology organized by SRMIST from 17th March to 21st March 2025.*
- *Presented in the International Conference on Civil Engineering Innovative Development in Engineering Advances (ICC IDEA 2025) organized by the Department of Civil Engineering, SRMIST, Kattankulathur during 20th March to 22nd March, 2025.*



- *Participated in Faculty Development Programs (FDPs): FDP on AI Tools, organized by the Department of Electrical and Electronics Engineering (EEE), SRM Institute of Science and Technology, Kattankulathur, in association with AICTE, Brain O Vision, and NEAT (National Educational Alliance for Technology), held from 17th February to 21st February 2025.*

**Dr. A. Manimaran**

- *Participated in FDP on "Transforming Water Resources Management, Traffic Systems, and E-Mobility with Quantum Computing and AI", sponsored by E & ICT Academy, NIT Patna, held from 17th February to 28th February 2025.*



- *Attended the Faculty Development Program on Generative AI for Academia, organized by Ripples (Learning & Research) and SRM Institute of Science and Technology, Kattankulathur, from 2nd January to 4th January 2025.*

**Dr. S. Dhanasekar**



- *Attended the Faculty Development Program on Generative AI for Academia, organized by Ripples (Learning & Research) and SRM Institute of Science and Technology, Kattankulathur, from 2nd January to 4th January 2025.*

**Dr. R. Rajkumar**

## Faculty Activities



**Dr. M. Prakash**

- *Participated in the International Webinar Series on Geoenvironmental Engineering, Sustainability, and Resiliency organized by University of Illinois Chicago, USA on 16th January 2025.*

- *Presented a Paper in International Conference - International Nexus on Novel Opportunities Ventures, Advances in Management, Engineering and Science (INNOVAMES-2025) 3rd March to 4th March 2025.*



**Dr. G. Vimalanandan**

- *Participated in the Faculty Development Program on "Emerging Trends in Numerical and Experimental Techniques in Structural Engineering", organized by NIT Rourkela, from 15th January to 19th January 2025.*

- *Presented a paper in the 2nd International Conference on Civil Engineering Innovative Development in Engineering Advances (ICC IDEA-2025) organized by the Department of Civil Engineering, SRM Institute of Science and Technology, Kattankulathur, from 20th March to 22nd March 2025.*



**Dr. K.C. Vinuprakash**

- *Participated in the Faculty Development Programme on "Emerging Research Directions and Opportunities in Mathematics and Statistics - 2025," organized by the Department of Mathematics and Statistics, SRMIST, Kattankulathur Campus, from 20th January to 27th January 2025*

- *Presented a paper in the 2nd International Conference on Civil Engineering: Innovative Development in Engineering Advances (ICC IDEA-2025) organized by the Department of Civil Engineering, SRM Institute of Science and Technology, Kattankulathur, from 20th March to 22nd March 2025.*



## Faculty Activities



- Presented a paper in the 2nd International Conference on Civil Engineering: Innovative Development in Engineering Advances (ICC IDEA-2025) organized by the Department of Civil Engineering, SRM Institute of Science and Technology, Kattankulathur, from 20th March to 22nd March 2025.

**Dr. S. Ramesh**

- Attended a Two Days Hands-on Training Program on Water Quality Testing organized by SRMIST, Kattankulathur, from 5th March to 6th March 2025.



- Participated in the Faculty Development Program on "Emerging Trends in Numerical and Experimental Techniques in Structural Engineering", organized by NIT Rourkela, from 15th January to 19th January 2025.

**Dr. N. Parthasarathi**

- Participated in the 10-day Faculty Development Programme on "Application of MATLAB in Civil Engineering," organized by the Department of Civil Engineering, NIT Warangal, from 17th February to 27th February 2025.
- Presented a paper in the 2nd International Conference on Civil Engineering Innovative Development in Engineering Advances (ICC IDEA-2025) organized by the Department of Civil Engineering, SRM Institute of Science and Technology, Kattankulathur, from 20th March to 22nd March 2025.



**Dr. V. Janani**

*Presented a paper in the 2nd International Conference on Civil Engineering: Innovative Development in Engineering Advances (ICC IDEA-2025) organized by the Department of Civil Engineering, SRM Institute of Science and Technology, Kattankulathur, from 20th March to 22nd March 2025.*

## NPTEL Online Courses



*Successfully completed the FDP and NPTEL Online Course on Effective Engineering Teaching in Practice from 21st February to 18th March 2025.*

**Dr. S. Sindhu Nachiar**

The department is very active in consultancy works for government and private sectors. The total outlay of the consultancy works carried by the department faculty members for the period of **January - March, 2025 is Rs. 5,94,340.**

## Ph.D. Awarded



**Ms. M. Kowsalya**, Full time research scholar, Department of Civil Engineering, College of Engineering and Technology, SRM Institute of Science and Technology, Kattankulathur, on 24th January 2025.

Under the guidance of **Dr. S. Sindhu Nachiar**, Assistant Professor, Department of Civil Engineering, SRM Institute of Science and Technology, Kattankulathur.



**Mr. Vijayasurya Krishnan**, Full time research scholar, Department of Civil Engineering, College of Engineering and Technology, SRM Institute of Science and Technology, Kattankulathur, on 31st January 2025.

Under the guidance of **Dr. A. Manimaran**, Assistant Professor, Department of Civil Engineering, SRM Institute of Science and Technology, Kattankulathur.



**Ms. A. Rajkohila**, Full time research scholar, Department of Civil Engineering, College of Engineering and Technology, SRM Institute of Science and Technology, Kattankulathur, on 7th February 2025.

Under the guidance of **Dr. S. Prakash Chandar**, Assistant Professor, Department of Civil Engineering, SRM Institute of Science and Technology, Kattankulathur.



**Mr. Subramani Ravi**, Full time research scholar, Department of Civil Engineering, College of Engineering and Technology, SRM Institute of Science and Technology, Kattankulathur, on 17th March 2025.

Under the guidance of **Dr. Karuppasamy Sudalaimuthu**, Associate Professor, Department of Civil Engineering, SRM Institute of Science and Technology, Kattankulathur.



**Ms. S. Karthiga**, Part time (Internal) research scholar, Department of Civil Engineering, College of Engineering and Technology, SRM Institute of Science and Technology, Kattankulathur, on 19th March 2025.

Under the guidance of **Dr. N. Umamaheswari**, Professor, Department of Civil Engineering, SRM Institute of Science and Technology, Kattankulathur.



**Mr. Waseem Ahmad Ismaeel**, Full time research scholar, Department of Civil Engineering, College of Engineering and Technology, SRM Institute of Science and Technology, Kattankulathur, on 24th March 2025.

Under the guidance of **Dr. J. Satish Kumar**, Associate Professor, Department of Civil Engineering, SRM Institute of Science and Technology, Kattankulathur.





# Scholars Activities



**Mr. D. Yuvaraj** has received **Dr. APJ Abdul Kalam Research Award 2025**, for the excellence in doctoral research by publishing 2 papers indexed in WOS/Scopus as first author during the calendar year 2024, from SRMIST, Kattankulathur, on 28th February 2025.

Participated in **“Five Days FDP on Sustainability in Green Infrastructures Innovations through SDG”** organized by Department of Civil Engineering, Sri Sairam Engineering College, Chennai, from 6th January to 11th January 2025.

Presented a paper in **2<sup>nd</sup> International Conference on Civil Engineering Innovative Development in Engineering Advances (ICC IDEA 2025)**, titled **“Diversity Climate Perceptions and Organizational Withdrawal Dimensions: Insights from Construction Professionals from Tamil Nadu, India”** organized by Department of Civil Engineering, SRMIST, Kattankulathur, from 20th to 22nd March 2025.



Participated in a Guest Lecture on **“Role of Uncertainty Measurement in Ensuring Reliable Geo Technical Testing Result”**, organized by Department of Civil Engineering, SRMIST, Kattankulathur on 31st January 2025.





# Scholars Activities



**Mr. R. Suresh Kumar** has presented a paper in **2<sup>nd</sup> International Conference on Civil Engineering Innovative Development in Engineering Advances (ICC IDEA 2025)**, titled **“Investigating Factors Influencing Construction Labor Productivity and Strategies for mitigating Productive Variations”** organized by Department of Civil Engineering, SRMIST, Kattankulathur, from 20th to 22nd March 2025.

Participated in guest lecture on **“Role of Uncertainty Measurement in Ensuring Reliable Geo Technical Testing Result”**, organized by Department of Civil Engineering, SRMIST, Kattankulathur on 31st January 2025.

Successfully completed the national level workshop on **“Basic Statistical Data Analysis Using R Studio”** organized by Department of Social Sciences, SRM College of Agricultural Sciences, SRMIST, Baburayanpettai, on 24th March 2025.



Successfully completed the national level workshop on **“Basic Statistical Data Analysis Using SPSS”** organized by Department of Agricultural Economics, SRM College of Agricultural Sciences, SRMIST, Baburayanpettai, on 8th February 2025.





# Scholars Activities



**Mr. N. Giridharan** has received **Dr. APJ Abdul Kalam Research Award 2025**, for the excellence in doctoral research by publishing 2 papers indexed in WOS/Scopus as first author during the calendar year 2024, from SRMIST, Kattankulathur, on 28th February 2025.

Participated in one week national level FDP on “**AI Tools**” organized by SRMIST, KTR association with Brainovision Solutions India Pvt. Ltd in collaboration with All India Council for Technical Education (AICTE), from 17th February to 21st February 2025.



**Ms. M. Subbulakshmi** has received **Dr. APJ Abdul Kalam Research Award 2025**, for the excellence in doctoral research by publishing 2 papers indexed in WOS/Scopus as first author during the calendar year 2024, from SRMIST, Kattankulathur, on 28th February 2025.

Completed 30 days Python using AI program conducted by AI for Techies on 5th January 2025.



# Scholars Activities



*Ms. K. Menaka has presented a paper in 2<sup>nd</sup> International Conference on Civil Engineering Innovative Development in Engineering Advances (ICC IDEA 2025), titled “Investigating Factors Influencing Construction Labor Productivity and Strategies for mitigating Productive Variations” organized by Department of Civil Engineering, SRMIST, Kattankulathur, from 20th to 22nd March 2025.*

*Completed the SWAYAM NPTEL online course on “Development and Applications of Special Concretes” conducted by IIT Kanpur from January to March 2025.*

*Participated in a guest lecture on “Role of Uncertainty Measurement in Ensuring Reliable Geo Technical Testing Result”, organized by Department of Civil Engineering, SRMIST, Kattankulathur on 31st January 2025.*



*Presented a paper in the 2<sup>nd</sup> International Conference on Multi-Disciplinary Research Trends in Engineering Innovative Development in Engineering & Technology, titled “Enhancing Concrete Efficiency Through Sustainable Materials for Waste Management” organized by Smt. Kamala & Sri Venkappa M. Agadi College of Engineering & Technology, Karnataka, on 27th & 28th March 2025.*





# Scholars Activities



**Ms. L. Soundari** has presented a paper in **2<sup>nd</sup> International Conference on Civil Engineering Innovative Development in Engineering Advances (ICC IDEA 2025)**, titled **“Utilization of Bagasse Ash as a Sustainable Precursor for Zeolite Synthesis”** organized by Department of Civil Engineering, SRMIST, Kattankulathur, from 20th to 22nd March 2025.

Participated in the three days mini course on **“Environmental health and sustainability”** organized by Centre for Research in Environment, Sustainability Advocacy and Climate Change (REACH), SRMIST, Kattankulathur, from 11th March to 13th March 2025.



**Ms. P. Ayshwarya** has presented two papers in **2<sup>nd</sup> International Conference on Civil Engineering Innovative Development in Engineering Advances (ICC IDEA 2025)**, titled **“Advancement and Performance Insights in Cold Formed Steel Structures: A Comprehensive Review”** and **“Effect of Partial Interaction on the Bending Behavior of Composite Beams with T-Shaped Shear Connectors”** organized by Department of Civil Engineering, SRMIST, Kattankulathur, from 20th to 22nd March 2025.



# Scholars Activities



**Mr. I. Mohammed Yacin** has presented a paper in **2<sup>nd</sup> International Conference on Civil Engineering Innovative Development in Engineering Advances (ICC IDEA 2025)**, titled **“Innovative Use of Rubber for Interface Design A Substitute for Cement Mortar in RC Frames”** organized by Department of Civil Engineering, SRMIST, Kattankulathur, from 20th to 22nd March 2025.

Participated in a guest lecture on **“Role of Uncertainty Measurement in Ensuring Reliable Geo Technical Testing Result”**, organized by Department of Civil Engineering, SRMIST, Kattankulathur on 31st January 2025.

Completed the Author Workshop on **“How to get Published”** conducted by IOP Publishing on 5th March 2025.



**Mr. M. Kalidhas** has received **Dr. APJ Abdul Kalam Research Award 2025**, for the excellence in doctoral research by publishing 2 papers indexed in WOS/Scopus as first author during the calendar year 2024, from SRMIST, Kattankulathur, on 28th February 2025.



**Mr. Vellampalli Mohan Venkata Sai Krishna** has received **Dr. APJ Abdul Kalam Research Award 2025**, for the excellence in doctoral research by publishing 2 papers indexed in WOS/Scopus as first author during the calendar year 2024, from SRMIST, Kattankulathur, on 28th February 2025.





# Scholars Activities



**Mrs. Rajitha J Rajan** has received **Best Paper Award** in **2<sup>nd</sup> International Conference on Civil Engineering Innovative Development in Engineering Advances (ICC IDEA 2025)**, for the title **“Seasonal dynamics and composition of PM10 Aerosols in Chennai: Implications for Air quality and emission control”** organized by Department of Civil Engineering, SRMIST, Kattankulathur, from 20th to 22nd March 2025.



**Mr. B. Sathish Kumar** has presented the paper in **2<sup>nd</sup> International Conference on Civil Engineering Innovative Development in Engineering Advances (ICC IDEA 2025)**, titled **“Identification of Soil Erosion and Quantification with Prediction Analysis using Google Earth Engine in Gundur Sub-Watershed, Tamil Nadu, India”** organized by Department of Civil Engineering, SRMIST, Kattankulathur, from 20th to 22nd March 2025.

Participated in one week national level FDP on **“AI Tools”** organized by SRMIST, KTR association with Brainovision Solutions India Pvt. Ltd in collaboration with All India Council for Technical Education (AICTE), from 17th February to 21st February 2025.



Completed six days Bootcamp on **“Empowering Entrepreneurial Journey with the Cuttingedge Insights and Creativity of Generative AI, Transforming Ideas into Innovative Ventures”** organized by Department of Computing Technologies, SRMIST, Kattankulathur, from 3rd to 8th February 2025.



# Scholars Activities



**Mr. R. Surya Prakash** has received **Dr. APJ Abdul Kalam Research Award 2025**, for the excellence in doctoral research by publishing 2 papers indexed in WOS/Scopus as first author during the calendar year 2024, from SRMIST, Kattankulathur, on 28th February 2025.

**Mr. S. Nagaraj** has received **Best Paper Award in 2<sup>nd</sup> International Conference on Civil Engineering Innovative Development in Engineering Advances (ICC IDEA 2025)**, for the title “**Assessment of Groundwater and Surface Water Interactions in Semi-arid Watershed: A Case Study on Lower Palar Basin, Tamil Nadu, India using MODFLOW - NWT**” organized by Department of Civil Engineering, SRMIST, Kattankulathur, from 20th to 22nd March 2025.



**Mr. R. Rajendran** has received **Best Paper Award in 2<sup>nd</sup> International Conference on Civil Engineering Innovative Development in Engineering Advances (ICC IDEA 2025)**, for the title “**Optimization and Prediction of Nano-Indentation Properties of Low Viscosity Epoxy Composites Reinforced with Flyash and GGBS**” organized by Department of Civil Engineering, SRMIST, Kattankulathur, from 20th to 22nd March 2025.







# Scholars Activities



**Mr. D. Ashok Kumar** has presented a paper in **2<sup>nd</sup> International Conference on Civil Engineering Innovative Development in Engineering Advances (ICC IDEA 2025)**, titled **“Investigating Factors Influencing Construction Labor Productivity and Strategies for mitigating Productive Variations”** organized by Department of Civil Engineering, SRMIST, Kattankulathur, from 20th to 22nd March 2025.



**Ms. I. Sasikala** has presented a paper in **2<sup>nd</sup> International Conference on Civil Engineering Innovative Development in Engineering Advances (ICC IDEA 2025)**, titled **“Spalling Behaviour of Reinforced Concrete Elements Made with High Performance Concrete under High Temperature: A Comprehensive Review”** organized by Department of Civil Engineering, SRMIST, Kattankulathur, from 20th to 22nd March 2025.



**Ms. A. Auxilia Rani** has presented a paper in **2<sup>nd</sup> International Conference on Civil Engineering Innovative Development in Engineering Advances (ICC IDEA 2025)**, titled **“A Comprehensive Review of the Role of Sugarcane Bagasse Ash in Geopolymer Concrete”** organized by Department of Civil Engineering, SRMIST, Kattankulathur, from 20th to 22nd March 2025.





# Scholars Activities



*Mr. P. Keerthana has presented a paper in 2<sup>nd</sup> International Conference on Civil Engineering Innovative Development in Engineering Advances (ICC IDEA 2025), titled “Recent Studies on Behaviour of Different Types of Fibers” organized by Department of Civil Engineering, SRMIST, Kattankulathur, from 20th to 22nd March 2025.*



*Ms. V. Kalpana has presented a paper in 2<sup>nd</sup> International Conference on Civil Engineering Innovative Development in Engineering Advances (ICC IDEA 2025), titled “An Overview of Predictive Modelling Cold-Formed Steel Built-up Columns using Machine Learning Techniques” organized by Department of Civil Engineering, SRMIST, Kattankulathur, from 20th to 22nd March 2025.*



*Ms. P. Lavanya has presented a paper in 2<sup>nd</sup> International Conference on Civil Engineering Innovative Development in Engineering Advances (ICC IDEA 2025), titled “Performance of Reactive Powder Concrete in Filled Light Gauge Steel Tubular Section Under Elevated Temperature: A State of the Art” organized by Department of Civil Engineering, SRMIST, Kattankulathur, from 20th to 22nd March 2025.*







# Students Activities



*Mr. Mukesh Bastola has received **Best Paper Award** in **2<sup>nd</sup> International Conference on Civil Engineering Innovative Development in Engineering Advances (ICC IDEA 2025)**, for the title “**Study of Reinforced Concrete Frame with Precast Wall Panel with Steel Rope as Bracing**” organized by Department of Civil Engineering, SRMIST, Kattankulathur, from 20th to 22nd March 2025.*



*Ms. Bhoomi Verma has participated in the one day program on “Women in Welding” and won **Consolation Prize** in Poster Presentation Contest, organized by the **Indian Institute of Welding, Chennai Branch** in SRM Institute of Science and Technology, Department of Civil Engineering, SRMIST, Kattankulathur, held on 8th March 2025.*



*Ms. Divya Sri Sai Chintalapudi has participated in the one day program on “Women in Welding” and won **Consolation Prize** in Poster Presentation Contest, organized by the **Indian Institute of Welding, Chennai Branch** in SRM Institute of Science and Technology, Department of Civil Engineering, SRMIST, Kattankulathur, held on 8th March 2025.*





# Publications

## Web of Science Journals



**IF  
3.8**

***I. Ramana & Dr. N. Parthasarathi***  
***"Synergistic Effects of Fly Ash and Graphene Oxide Composites at High Temperatures and Prediction using ANN and RSM approach"***  
***Scientific Reports***

***Anushka Serves, Sankar Ganesh Ramaraj, J. Rajprasad, Sumaiya Tabassum & Santhosh Govindaraju***

***"Blue LED photolytic method for the synthesis of 1,4-dihydropyridine derivatives from benzo [b]thiophene-2-carbaldehyde"***

***Chemical Engineering and Processing - Process Intensification***

**IF  
3.8**

**IF  
3.6**

***Gopinath Selvam, Mohan Kamalanandhini, Muthuvel Velpandian, Rohit Hariharan, Srikanth Mohanakrishna & Varatharajan Thirumurugan***

***"Integrated statutory waste management framework for the sustainable built environment "***

***Engineering, Construction and Architectural Management***

***J. Rajprasad , J. S. Sudarsan, M. Jeeva Prasanth & S. Nithyanantham***

***"Developing low-carbon sustainable building material by adding micro steel fiber with recycled aggregate concrete"***

***Journal of Materials Science: Materials in Engineering***

**IF  
3.5**

**IF  
3.3**

***Manikandaprabhu Sundaramoorthy ,Durgesh Kumar Sahu & Varadharajan R***

***"Assessing the Influence of Sustainability Using Artificial Neural Networks in Construction Projects "***

***Sustainability***

***Mohan Venkata Sai Krishna Vellampalli & Prasanna Kuchelar***

***"An experimental investigation for desalinating seawater into fresh water with permanent magnets and electromagnets"***

***Journal of the Indian Chemical Society***

**IF  
3.2**

**IF  
3.1**

***Panruti Thangaraj Ravichandran, Kavishri Bharathidass, Balasubramanian Murugesan, Kanniappan Vadivelan, Narayanamoorthi Rajamanickam***

***"Investigating the Use of Luminous Capsule Bubble Tiles in Smart Structures to Improve Reflexology"***

***Buildings***





# Publications



Sl.No	Author Name	Title	Journal Name	IF / SNIP
8	Rajitha J Rajan & R. Sathyanathan	Morphology, chemical composition, and source characteristics of fine particulate pollutants emitted during firecracker burning events associated with Diwali festival in India	Air Quality, Atmosphere & Health	2.9
9	Saichand V. & R. Nagalakshmi	A preliminary assessment of microplastics in the waters and sediments of the second-largest freshwater lagoon in India	Environmental Monitoring and Assessment	2.9
10	G. Baskar & R. Sathyanathan	Optimizing papermaking wastewater treatment by predicting effluent quality with node-level capsule graph neural networks	Environmental Monitoring and Assessment	2.9
11	Nisha Sankar & Ravi Ramadoss	Amylopectin extraction from kernels as a sustainable additive for enhancing the performance of natural hydraulic lime mortar for restoration applications	Engineering, Construction and Architectural Management	2.8
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13	Yuvaraj Dhanasekar & K . S. Anandh	Deciphering the role of age and gender in perceiving organizational politics in construction	Built Environment Project and Asset Management	1.9



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Sl.No	Author Name	Title	Journal Name	IF / SNIP
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15	Augustine Crispin & Purushothaman Parthasarathy	Understanding the Impact of Heavy Metals on the Environment and Human Life in a Non-Perennial River Basin South India - A Multi-Index Geochemical Analysis	Environmental Forensics	1.5
16	Ramasamy Gopalakrishnan, Bakthavatchallu Gunasekaran & Loganathan Krishnaraj	Influence of rice husk ash and nano-CaCO <sub>3</sub> on the properties of self-compacting mortar	Vietnam Journal of Chemistry	1.3
17	Mohan Venkata Sai Krishna Vellampalli & Prasanna Kuchelar	A sustainable method of desalination using stacked layer filtration and magnetism	Desalination and Water Treatment	1.0
18	K.Pushpa, S. Jayakumar & N. Pannirselvam	Enhancing the mechanical performance of recycled aggregate concrete: the synergistic effects of micro titanium dioxide and steel fibres	Journal of Building Pathology and Rehabilitation	0.757
19	V. Kalpana Priya & Ravi Ramadoss	Thermal energy storage in lime-based block containing bee wax as phase change material for restoration applications	Journal of Building Pathology and Rehabilitation	0.72





## Scopus Indexed Journals

Sl.No	Author Name	Title	Journal Name	IF / SNIP
20	Gnana Betsy Basil Sumaja & N.Umamaheswari	Investigation of double-skinned square steel-concrete composite columns with in-built square cores	Revista Materia	0.54
21	P. Rishi & D. Justus Reymond	Study on optimum utilisation of water treatment plant sludge for treating domestic wastewater	Int. J. Environment and Waste Mnagement	0.474
22	R. Nagalakshmi, Aswath Balaji V, V. Saichand & Pravakar Mishra	Water quality investigation using GIS - based interpolation: A comparison of the Kollidam and Palar river esturies	Rasayan Journal of Chemistry	0.413
23	Soundarya Priya M.G. & K. S. Anandh	Examining the Quality of Work-Life Factors Using the Relative Importance Index Method for Construction Industry in India	Springer, Lecture Notes in Civil Engineering	0.253
24	Raja Pandiyan S. Yuvaraj D. & K. S. Anandh	Evaluation and Identification of Factors Causing a Setback in Residential Construction Projects in Chennai	Springer, Lecture Notes in Civil Engineering	0.253
25	Mukesh Kumar D. & K. S. Anandh	Assessment of the Impact of Factors Affecting Self-Esteem and Psychological Well-Being Among Professionals in the Construction Industry	Springer, Lecture Notes in Civil Engineering	0.253



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Sl.No	Author Name	Title	Journal Name	IF / SNIP
26	Perumal Kajendran & Pannirselvam N	Machine learning-based prediction of ultimate load in pultruded glass fibre column under axial compression	Revista Materia	0.239
27	Gopal Premkumar & Subramanian Senthil Selvan	Ultimate load of Steel Fiber Reinforced Concrete (SFRC) encased light gauge steel column exposed to elevated temperature using computational model approach	Revista Materia	0.239
28	Augustine Crispin & Purushothaman Parthasarathy	Geochemical characteristics and paleo weathering in sediments of Noyyal River Basin, Tamilnadu-India	Environmental Research & Technology	0.131



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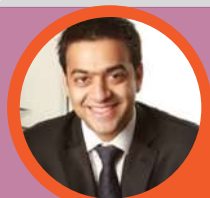
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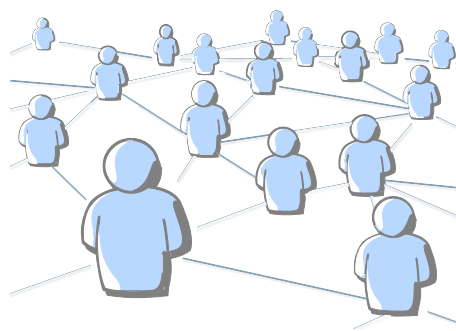


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