



SRM

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

XPLOCTV

Civil Engineering - Newsletter

April - June 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)
12th 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) and National Board of Accreditation (NBA). In addition, M.Tech Structural Engineering program accredited by 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 NTM, 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 April and June 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, 93+ 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 15. 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.

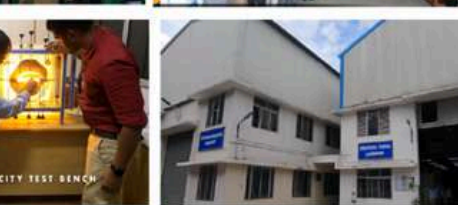
Department at a glance

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.

REAL-TIME AIR QUALITY MONITORING AND ALERT SYSTEM USING DISTRIBUTED IOT SYSTEM

Dr. N. Pannirselvam
202541053306
Date: 13.06.2025

MARINE SEDIMENT SOIL SAMPLER

Dr. N. Pannirselvam
450621-001
Date: 03.06.2025

DEVICE FOR DETERMINING THE STRENGTH OF CONCRETE PILLAR

Dr. N. Pannirselvam
445219-001
Date: 01.05.2025

IOT-BASED SOLAR AGRICULTURAL ROBOT

Dr. N. Pannirselvam
426452-001
Date: 02.05.2025

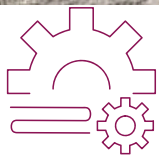
A SYSTEM AND A METHOD FOR DETERMINING LABOUR EFFICIENCY ON A CONSTRUCTION SITE

Dr. L. Krishnaraj
542678
Date: 24.06.2025

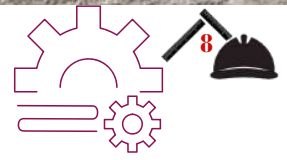
A METHOD FOR MONITORING ACTIVITIES OF STAKEHOLDERS AND A SYSTEM THEREOF

Dr. L. Krishnaraj &
Dr. V. R. Prasath Kumar
568083
Date: 27.06.2025





Department Activities



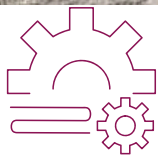
NBA Visit



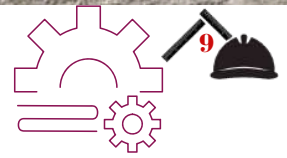
The National Board of Accreditation (NBA) visit for the M. Tech Structural Engineering program, Department of Civil Engineering, SRM Institute of Science and Technology, Kattankulathur, was successfully conducted from 24th to 26th April 2025.

The three-day evaluation involved a comprehensive review of the program's academic framework, curriculum design, faculty qualifications, student performance, infrastructure, research initiatives, and outcome-based education practices.

The expert panel appreciated the department's commitment to academic excellence, continuous improvement, and alignment with industry standards. The visit also served as an opportunity to showcase innovative teaching methodologies, active research engagements, and the department's efforts in nurturing technically competent and socially responsible graduates.



Department Activities



Online Workshop

ABOUT THE WORKSHOP

Satellite Data Processing of Open-Source Data in Agriculture focuses on utilizing freely available satellite datasets and open-source software for agricultural monitoring and decision-making.

WORKSHOP THEME

- Role of open-source data and software in assessing crop damage.
- Assessing crop damage using Sentinel Satellite data.
- Hands-on for sentinel data processing for agriculture
- Utilization of diverse satellite data and advanced processing techniques for agricultural applications.

Overview on applications of multispectral, thermal, and radar satellite data in agriculture with image processing techniques.

WHO CAN APPLY

Those who are pursuing or completed B.E / B.Tech. (Civil / Civil Engineering with Computer Application / Civil Infrastructure Engg. / Architectural Engg. / Geo Informatics / CSE / EEE / EGE, / IT / Agricultural Engg. / Urban & Regional planning) B.Sc. (4 Years) (Agriculture / Forestry / Horticulture / M.A. Geography / M.Sc (Geology) / Applied Geology / Geophysics / Geography / Physics / Maths / Oceanography / Environmental Science) or its equivalent.

IMPORTANT DATES

Last date for Registration: 02.04.2025
Intimation of Confirmation: 03.04.2025

REGISTRATION DETAILS

Registration Fee: Rs.100/-

ACCOUNT DETAILS

Account Name: M/s CIVIL ENGS ASSOCIATION
SB Account Number: 7111762948
Bank Name: Indian Bank, SRM University, Kattankulathur
IFSC number: IDIB000S181

REGISTRATION LINK

<https://forms.gle/KPJurShw3d3ca4036>



CHIEF PATRONS

Dr. T. R. Peartivendhar, Chancellor GRM IST
Dr. Ravi Pechanmuthu, Pro-Chancellor (Administration), SRM IST
Dr. P. Sathyanarayanan, Pro-Chancellor (Academics), GRM IST
Dr. R. Shivakumar, Chairman - Tictty & Ramaprasad Campus

PATRONS

Dr. C. Muthamizhchelvan, Vice Chancellor, SRM IST
Dr. S. Ponnusamy, Registrar, GRM IST
Dr. Leenus Jesu Martin M, Dean (CET), SRM IST
Dr. P. T. Ravichandran, HOD/Civil, SRM IST, Kattankulathur

ORGANIZING COMMITTEE

Dr. S. KARUPPASAMY / Associate Professor
9791695481
Dr. APARNA S BHASKAR / Associate Professor
8059673519
Dr. SACHIKANTA NANDA / Associate Professor
98840 81794

EVENT CO-ORDINATOR

Dr. J. SATISH KUMAR / Associate Professor
9000052750
Email: crassm2006@gmail.com



SPACE TO EARTH

One Day Online Workshop on
**SATELLITE DATA PROCESSING
OF OPEN-SOURCE DATA
FOR AGRICULTURE**
Date: **APRIL 05, 2025**



Convenor
Dr. R. Annadural
Professor and Centre Co-ordinator
Department of Civil Engineering, GRMIST

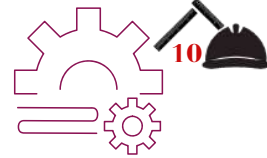
Organized by
Centre for Remote Sensing and GIS
Department of Civil Engineering
College of Engineering and Technology
SRM Institute of Science and Technology
SRM Nagar, Kattankulathur - 603203
Chengalpattu District, Tamil Nadu, India

The Centre for Remote Sensing & GIS, Department of Civil Engineering, SRM Institute of Science and Technology, Kattankulathur, successfully conducted the one-day online workshop on "Satellite Data Processing of Open Data Sources for Agriculture" on 5th April 2025. The workshop aimed to enhance the skillset of undergraduate and postgraduate participants in advanced satellite image processing techniques for agricultural applications. It covered topics such as microwave and optical satellite image processing, and provided hands-on training using open-source software.

*A total of 88 participants from prestigious engineering and agricultural institutions participated in the workshop. The event featured expert sessions by **Mr. Dinesh Kumar, Geospatial Data Scientist at GalaxEye**, and **Dr. J Satish Kumar, Associate Professor at SRMIST**. The workshop concluded with a valedictory session led by **Dr. Sachikanta Nanda, Associate Professor**, where he extended appreciation to the management, faculty, and participants for their involvement and contributions, ensuring the event's success.*



Department Activities



Skill Development

SRM
INSTITUTE OF SCIENCE & TECHNOLOGY
KATTANKULATHUR

DEPARTMENT OF CIVIL
ENGINEERING IN
COLLABORATION WITH
PENNAR INDUSTRIES LTD.
IS ORGANISING

**UPSILL PROGRAM ON
MODERN TECHNIQUES IN PRE-ENGINEERED
BUILDING DESIGN AND CONSTRUCTION**

DATE: 21ST - 22ND APRIL 2025
TIME: 4:00 - 7:00 PM

STRUCTURAL ENGINEERING
TESTING LAB CLASSROOM

ORGANISING CHAIRPERSON
Dr.P.T.Ravichandran / Professor & Head

CONVENOR
Dr.N.Umamaheswari / Professor

CO-CONVENORS
Dr.R.Rajkumar / Assistant Professor
Dr.C.Arunkumar / Assistant Professor
Dr.L.Sabarigirivasan / Assistant Professor
Dr.S.Karthiga / Assistant Professor

REGISTRATION LINK : [CLICK HERE](#)

PENNAR INDUSTRIES

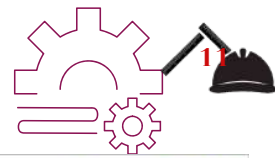
The Department of Civil Engineering, SRMIST, Kattankulathur successfully organized an “Upskill Program on Modern Techniques in Pre-Engineered Building Design and Construction” for M.Tech Structural Engineering I Year and II Year Students on 21st - 22nd April 2025. The guest speaker **Mr. Mohammad Rahmatulla, a PEB Trainer**, who provided valuable insights into the latest advancements and techniques in Pre-Engineered Building Design and Construction. The program aimed to enhance the students' practical knowledge and skills in this specialized area of structural engineering.

Speaker:

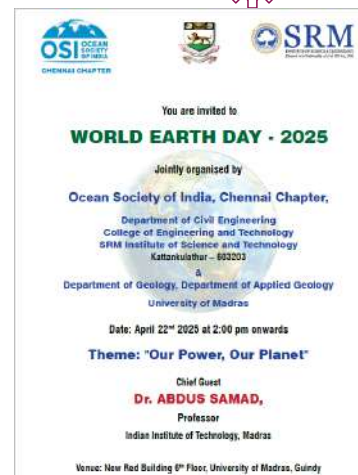
*Mr. Mohammad Rahmatulla,
A PEB Trainer.*



Department Activities



Campaign



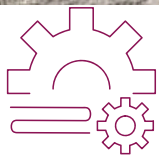
World Earth Day - 2025

The Department of Civil Engineering, College of Engineering and Technology, SRM Institute of Science and Technology, Kattankulathur, jointly with **Ocean Society of India**, Chennai Chapter, the Department of Geology, and the **Department of Applied Geology, University of Madras**, organized “**World Earth Day 2025**”, The event took place on 22nd April 2025, with the theme “Our Power, Our Planet.” The event was graced by **Dr. Abdus Samad, Professor at Indian Institute of Technology, Madras**, as the Chief Guest.

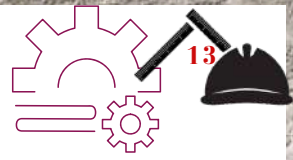
Clean Coastal Campaign

The Department of Civil Engineering, College of Engineering and Technology, SRM Institute of Science and Technology, Kattankulathur, jointly with **Ocean Society of India**, organized a **Beach Cleanup Drive** as part of the “**World Oceans Day 2025**” with the moto “Say no to plastic, plastic pollution and save oceans”. The cleanup was carried out at Kovalam Beach on 08th June 2025 (Sunday) from 7:00 AM to 11:00 AM. The Chief Guest **Dr. Pravakar Mishra, Former Scientist - G, National Centre for Coastal Research, Ministry of Earth Sciences, Government of India**, graced the event.





Department Activities



Faculty Development Programme



*The Department of Civil Engineering, SRMIST, jointly with Autodesk, organized a two-day Faculty Development Programme (FDP) on "Overview of BIM and its Importance in the AEC Industry" on 2nd and 3rd June 2025, at the CRC Complex, SRMIST, Kattankulathur. The session, led by **Ms. Bharathi Balaji** from USAM Technology (Autodesk Learning Partner), focused to equip participants with essential knowledge and practical skills in Building Information Modelling (BIM) using Autodesk Revit. Around 16 faculty members from the Civil Engineering department participated.*

Speaker:

Ms. Bharathi Balaji

USAM Technology (Autodesk Learning Partner)

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

Maruti Suzuki



Mr. Abhiram Reddy K
(RA2111001010004)
CTC 12.8 LPA



Mr. Dev Pratap Singh
(RA2111001010029)
CTC 12.85 LPA

Gulf Contracting Company



Mr. Dhileep S
RA 2111001010038
CTC 11.23 LPA



Mr. Thanuresh Niranjana
RA 2111001010055
CTC 11.23 LPA

Movidu Technologies



Mr. Gouni Dhayakar Reddy
RA 2111001010037
CTC 9.00 LPA

DAR International for Engineering



Mr. Hariharan V
RA 2111001010030
CTC 6.60 LPA

SMCC Construction India Pvt. Ltd



Ms. Gayathri R
(RA2111001010024)
CTC 5.5 LPA

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

Heartiest congratulations!

Aditya Birla Group



Mr. Adhitha R
RA 2111001010044
CTC 5.00 LPA



Ms. J. Abinandhana
(RA2111001010043)
CTC 7.5 LPA



Mr. Ragala Meera Madhu
(RA2111001010046)
CTC 4.2 LPA

Mohan Mutha Exports Pvt Ltd.



Mr. Gowtham S
(RA2111001010047)
CTC 3.5 LPA



Ms. Dhanalakshmi R
(RA2111001010042)
CTC 3.5 LPA



Mr. Kevin Sunny
(RA2111039010014)
CTC 7.30 LPA

Ashiana Housing Limited



R. Madhumitha
(RA2111001010048)
CTC 4 LPA

Cosmo First Limited .



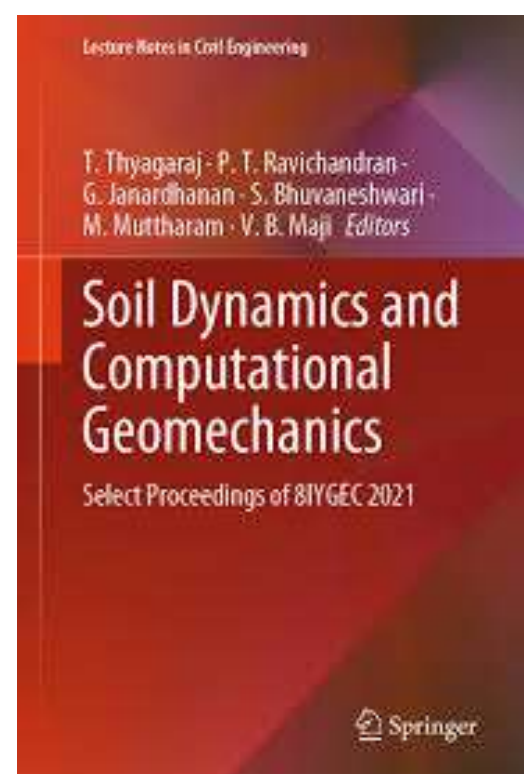
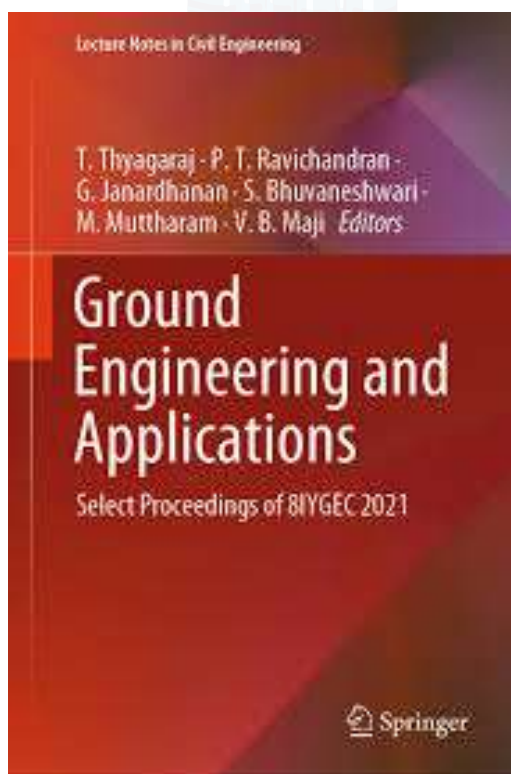
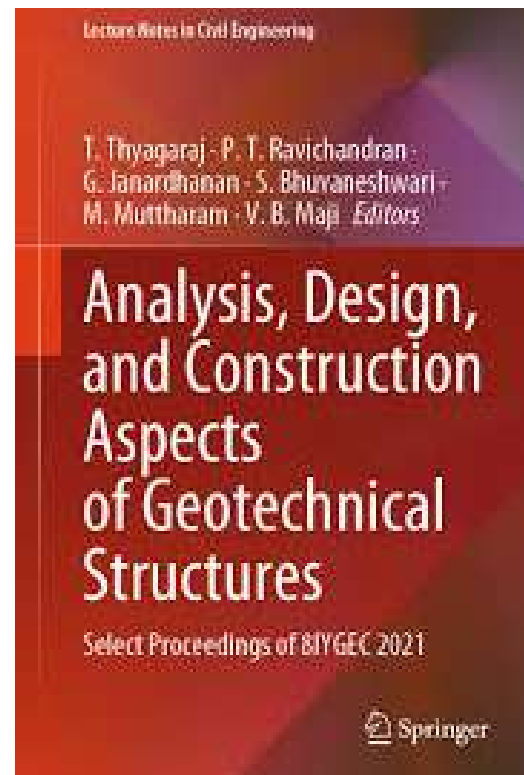
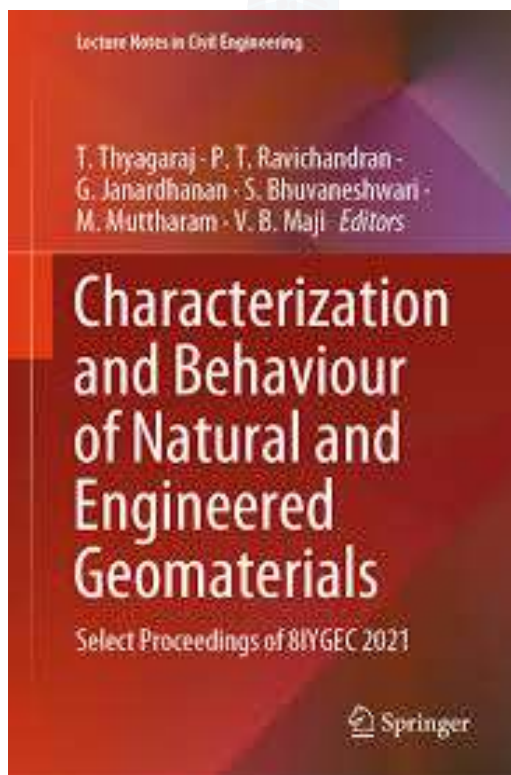
N. Nandhini
(RA2111001010053)
CTC 4.5 LPA



Faculty Achievements



Dr. P. T. Ravichandran, Professor & Head, Department of Civil Engineering, has served as an Editor for a series of Lecture Notes in Civil Engineering, published in 2025. This significant academic contribution reflects our faculty's commitment to advancing knowledge and supporting the learning community. Congratulations on this commendable achievement!





Faculty Achievements



Dr. K. S. Anandh was invited as the Guest of Honor and also served as a **Session Chair at SECON'25**, at an International Conference organized by the Department of Civil Engineering, Federal Institute of Science and Technology (FISAT), Angamaly, Kerala, held from 4th to 6th June 2025.

- Served as Keynote Speaker and Session Chair at the International Conference on **Innovative Trends in Engineering for Sustainability (ICITES 2025)**, organized by the Department of Civil Engineering, Toc H Institute of Science and Technology, Kerala, held from 2nd April to 4th April 2025.
- Honoured with two prestigious recognitions from the **Ministry of HRD**, Government of India, the **NPTEL BELIEVERS Award** and the **NPTEL ENTHUSIASTS Award** for his consistent engagement with NPTEL initiatives.

Dr. R. Ramasubramani was awarded the **Gold Medal** on Research Day 2025, held on 21st April 2025 at SRM Institute of Science and Technology, Kattankulathur.



Dr. M. B. Sridhar received a star recognised as an **NPTEL Motivated Learner** for his active engagement and consistent performance in NPTEL courses.

Dr. T. M. Jeyashree was awarded the **NPTEL Believer Star** certificate in recognition of her consistent performance and successful completion of multiple NPTEL courses.



Guest Lectures



Dr. R. Nagalakshmi delivered an invited talk on the topic "**Quantification of Microplastics in Three Prominent Locations Along the Tamil Nadu Coast**" at the Centre for Ocean Research, Sathyabama Institute of Science and Technology, Chennai during an event held from 11th to 12th June 2025.





Guest Lectures



Dr. J. Satish Kumar served as a resource person at McGan's Ooty School of Architecture, Coimbatore, and delivered a session titled **"Mapping the Future: Mastering GIS with ArcGIS"** on 15th May 2025.

Dr. Aparna S. Bhaskar delivered a lecture titled **"Mapping the Future: Mastering GIS with ArcGIS"** at McGan's Ooty School of Architecture, Coimbatore, on 15th May 2025.



Dr. J. Rajprasad delivered a guest lecture on **"Sustainable Material Management"** in SSHRD Group, Chromepet, Chennai on 3rd May 2025.

Delivered a lecture on **"Construction Safety Management"** in Hyundai Mobis India Ltd, on 12th April, 2025.

Dr. C. Krishnaveni delivered a keynote lecture in the Faculty Development Programme on **"Fundamentals and Application of Soil Mechanics and Fluid Mechanics"** held on 7th May 2025 at SRM Valliammai Engineering college, Chennai.



Faculty Activities



Organized and served as the convener of an Upskill Program on **"Modern Techniques in Pre-Engineered Building Design and Construction"** for Second Semester M.Tech (Structural Engineering) students, held from 21st to 22nd April 2025.

Dr. N. Umamaheshwari

Presented a paper entitled **"Nano-Indentation Characterization and Predictive Analysis of Micro Silica Reinforced Epoxy Polymer Composites"** at the International Conference on Advanced Materials for Sustainable Development (ICAMSD 2025) held at Karpaga Vinayaga College of Engineering and Technology, GST Road, Chinna Kollambakkam, Madhuranthagam, from 25th to 26th April 2025.



Dr. S. Senthilselvan

Attended a one-day UGC NEP-recommended “Workshop on eContent Development Using AI” as part of in-service continuous professional development. The workshop, aligned with CDIO and TPACK standards, comprised 11 hours of learning and was held on 21st May 2025.



Dr. N. Paneerselvam

- Presented a research paper entitled “Experimental Investigation on the Mechanical Properties of Concrete with Partial Replacement of Coarse Aggregate by Recycled Ceramic Waste” at the 5th Edition of the International Conference on Sustainable Goals in Materials, Energy, and Environment (ICSMEE’25), held at Mangalam College of Engineering, Kottayam, Kerala, from 4th to 5th April 2025.*

- Presented a paper titled “A Review on Internal Curing of Concrete Using Superabsorbent Polymers” at the International Conference on Sustainable Development in Engineering and Technology (ICSDET 2025), held at the University of Technology and Applied Sciences - Al Mussanah, Sultanate of Oman, on 30th April and 1st May 2025.*
- Attended a webinar on “Exploring Reinforcement Bar Bending Schedule Software”, held on 5th April 2025.*
- Served as the Fire Team Captain during the ACCE(I) Foundation Day, National Awards 2025 & Sustainable Puducherry Conclave & Expo - 2025, held from 27th to 29th June 2025.*
- Participated in the National Webinar on “IP and Music - Feel the Beat of IP”, held on 25th April 2025.*



Dr. S. Mary Rebekah Sharmila

- Attended a one-day workshop titled “Aware ‘N’ Beware” conducted by Department of Chemical Engineering, SRMIST, Kattankulathur on 17th April 2025.*
- Participated in a Five-Day Training Programme on “Application Development with AI and Essential Skills”, organised by SRM Institute of Science and Technology, from 23rd June to 27th June 2025.*



Dr. K. S. Anandh

- Presented a paper titled “An Investigation on the Impact of Physical and Mental Well-being on the Employee of Constructional Professionals” at the International Conference on Innovative Trends in Engineering for Sustainability (ICITES 2025) held at the Department of Civil Engineering, Toc H Institute of Science and Technology, Kerala from 2nd April 2025 to 4th April 2025.
- Presented a paper titled “ Investigating the Robustness of Infrastructure in Turkey and Syria Through Insights Gained from Social Media during Natural Disaster” in International Conference SECON’25, organized by the Department of Civil Engineering, Federal Institute of Science and Technology (FISAT), Kerala, held from 4th to 6th June 2025.



Dr. Sachikanta Nanda

- Attended a FDP program on “Machine Learning for Social Goods” jointly organized by ABV-IIITM Gwalior and PDPM IIT Jabalpur, sponsored by EICT, from 2nd April 2025 to 9th April 2025.
- Attended PDP on “Construction Techniques for Earthquake Resistance Structures”, conducted by NITTTR, Chennai, from 24th April to 25th April, 2025.

- Attended a PDP on “Futuristic Curriculum Development with Integration of AI, IoT, and Data Science in Engineering Education” organized by NITTTR, Chennai, from 5th May 2025 to 9th May 2025.
- Participated in a PDP on “Design and Detailing of RCC Elements” conducted by NITTTR, Chennai, from 26th May 2025 to 30th May 2025.
- Participated in the Professional Development Programme on “Empowering Educators with Tech-Driven Assessment Strategies,” conducted by NITTTR, Taramani, from 2nd to 6th June 2025.
- Participated in the Professional Development Programme on “Town Planning and Green Building,” conducted by NITTTR, Chennai, from 23rd to 27th June 2025.



Dr. D. Jaishree

- Participated and completed one month online program titled "Numerical Modelling Studies for Coastal Engineering: Introduction to Advanced Methods", organized by the Centre for Sustainable Environment and Education (CSEE), recognized by NITI Aayog (DARPA), AICTE, and e-ANUDAAAN, Govt. of India, held from 5th April to 27th April, 2025.
- Attended a "Workshop on e-Content Development using AI" organized by DLD, SRMIST on 15th May 2025.
- Attended the JoVE organized webinar titled "Making Waves: Teaching Fluid Mechanics" on 22nd May 2025.



Dr. N. Parthasarathi

- Presented two papers entitled "Structural Enhancement of Inclined Column with Innovative Bracing Systems" and "Improving the use of Fly ash in Cementitious Composites through Graphene Oxide Interfacial Nano-Engineering" in the International Conference on "Advanced Materials for Sustainable Development" organized by Karpaga Vinayaga College of Engineering and Technology, Tamil Nadu, held from 25th to 26th April 2025.
- Attended the Professional Development Program on "MATLAB and SCILAB Applications" organized by NITTTR, Chennai from 19th May 2025 to 23rd May 2025.
- Participated in a Five-Day Programme on "Outcome-Based Curriculum Development for NBA and NAAC Accreditation", conducted by NITTTR, Taramani, Chennai, from 2nd June 2025 to 6th June 2025.



Dr. J. Rajprasad

- Attended a one-day workshop titled "Aware 'N' Beware" conducted by Department of Chemical Engineering, SRMIST, Kattankulathur on 17th April 2025.
- Participated in the seminar on Construction Safety Management held on 12th April 2025.

Presented a paper titled on "A review of Analytical Tool Integration for Enhanced Construction Management" in the International Conference on Innovative Trends in Engineering for Sustainability (ICITES - 2025), organized by Department of Civil Engineering, Toc H Institute of Science and Technology, held from 2nd to 4th April 2025.

Faculty Activities



Dr. R. Sivakumar

- Successfully completed a course “Generative AI for Academia” on 30th April, 2025, organized by ac Advanced Credentials.



Dr. S. Muthukumar

- A student team from the Department of Civil Engineering clinched the Second Prize along with a cash award of ₹15,000 at the Multidisciplinary Project (MDP) Exhibition held on 2nd May 2025 for the academic year 2024-25. The innovative project was carried out under the expert guidance of Dr. S. Muthukumar.



Dr. C. Arunkumar

- Served as Instructor for an online course titled “Disaster Mitigation and its Management”, created and published on Udeemy.



Dr. S. Karthiga

- Served as Co-instructor for an online course titled “Disaster Mitigation and its Management”, created and published on Udeemy.
- Developed and published an online course titled “Structural Analysis” as the Instructor on LabXchange. She also served as Co-instructor for another course, “Advanced Steel Design”, created and published on the same platform.



Dr. V. R. Prasath kumar

- Participated in a Three-Day Programme on “Structural Integrity and Interaction of Materials in Civil Engineering Structures”, held from 21st May to 23rd May 2025.



Dr. S. Manivel

- Participated in a Six-Day Programme on “Advanced Polymer Composites for Aerospace and Mechanical Applications”, held from 23rd June 2025 to 28th June 2025.

Faculty Activities



Dr. T. M. Jeyashree

- Successfully completed a course “Generative AI for Academia” on 30th April, 2025, organized by ac Advanced Credentials.
- Participated in a Five-Day Professional Development Programme (PDP) on "Design Thinking Approach for Students' Projects", conducted by NITTTR Chennai from 16th June 2025 to 20th June 2025.



Dr. G. Sivaprakash

- Participated in the GIAN course on "Bringing Synergy Across Different Transit Modes in India by Addressing Challenges for Sustainable Transport" from 23rd to 27th June 2025.



Dr. S. Manikanda Prabu

- Attended a Faculty Industry Immersion Programme from 23rd June 2025 to 6th July 2025 at Ramky Infrastructure Ltd. and Re Sustainability Ltd., Hyderabad, to gain practical insights into industry practices and applications in the field of civil engineering.



Dr. S. Dhanasekar

- Completed a theory session on “A Hybrid Course on Water Quality: An Approach to People’s Water Data” offered jointly IIT Madras, Tel Aviv University, and KMCH Research Foundation during the period from January 2025 to May 2025.



Dr. M. Bhuvaneshwari

Co-authored a paper presented at the International Conference on Advanced Materials for Sustainable Development (ICAMSD 2025) held at Karpaga Vinayaga College of Engineering and Technology, GST Road, Chinna Kollambakkam, Madhuranthagam, from 25th to 26th April 2025.

NPTEL Online Courses Successfully Completed



Sl.No	Name of the Faculty	Name of the Course
1	Dr. K. S. Anandh	<ul style="list-style-type: none"> NBA Accreditation and Teaching-Learning in Engineering Safety and Risk Analytics. Introduction to Environmental Engineering and Science - Fundamental and Sustainability Concepts. AI in HRM. Training and Development and Organizational Behaviour: Individual Dynamics in Organization.
2	Dr. T. M. Jeyashree	<ul style="list-style-type: none"> NBA Accreditation and Teaching-Learning in Engineering Natural Hazards. Soil-Structure Interaction and Strategies for Sustainable Design.
3	Dr. K. Prasanna	<ul style="list-style-type: none"> NBA Accreditation and Teaching and Learning in Engineering (NATE). AI in Human Resource Management. Introduction to Environmental Engineering and Science - Fundamental and Sustainability Concepts
4	Dr.V. R. Praathkumar	<ul style="list-style-type: none"> Introduction to Environmental Engineering and Science - Fundamental and Sustainability Concepts AI in Human Resource Management" NBA Accreditation and Teaching and Learning in Engineering (NATE)".
5	Dr. Karuppasamy Sudlaimuthu	<ul style="list-style-type: none"> Programming in Java Sustainable Mining and Geoinformation"
6	Dr. M. B. Sridhar	<ul style="list-style-type: none"> An Introduction to Microeconomics Introduction to Ancient Indian Technology Foundations of Accounting & Finance.
7	Dr. J. Justus Reymond	<ul style="list-style-type: none"> Physico-Chemical Processes for Wastewater Treatment NBA Accreditation and Teaching and Learning in Engineering (NATE).

Sl.No	Name Of The Faculty	Name Of the Staf
8	Dr. J. Rajprasad	<ul style="list-style-type: none"> • <i>AI in Human Resource Management</i> • <i>NBA Accreditation and Teaching and Learning in Engineering (NATE).</i>
9	Dr. C. Arunkumar	<ul style="list-style-type: none"> • <i>Maintenance and Repair of Concrete Structures.</i> • <i>Basic Construction Materials.</i>
10	Dr. R. Ravi	<ul style="list-style-type: none"> • <i>Maintenance and Repair of Concrete Structures.</i>
11	Dr. J. Satish Kumar	<ul style="list-style-type: none"> • <i>Environmental Impact Assessment</i>
12	Dr. S. Mary Rebekah Sharmila	<ul style="list-style-type: none"> • <i>Geophysical Exploration Methods</i>
13	Dr. M. Kamlanandhini	<ul style="list-style-type: none"> • <i>Psychology of Personality and Individual Differences: Theory and Applications</i>
14	Dr. D. Jaishree	<ul style="list-style-type: none"> • <i>Effective Engineering Teaching in Practice</i>
15	Dr. C. Pavithra	<ul style="list-style-type: none"> • <i>NBA Accreditation and Teaching and Learning in Engineering (NATE).</i>
16	Dr. S. Ramesh	<ul style="list-style-type: none"> • <i>Physico-Chemical Processes for Wastewater Treatment.</i>

Consultancy work

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 April - June 2025, is Rs. 7, 09,720/-

Ph.D. Awarded



Ms. T. L. Abinaya, Part time (Internal) research scholar, Department of Civil Engineering, College of Engineering and Technology, SRM Institute of Science and Technology, Kattankulathur, on 4th April 2025.

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



Ms. Ranjitha B Thangadagi, Part time (External) research scholar, Department of Civil Engineering, College of Engineering and Technology, SRM Institute of Science and Technology, Kattankulathur, on 9th April 2025.

Under the guidance of **Dr. P. T. Ravichandran**, Professor & Head, Department of Civil Engineering, SRM Institute of Science and Technology, Kattankulathur.



Mr. B. Hemanth Sai Kalyan, Full time research scholar, Department of Civil Engineering, College of Engineering and Technology, SRM Institute of Science and Technology, Kattankulathur, on 11th April 2025.

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



Mr. S. Senthamizh Sankar, Full time research scholar, Department of Civil Engineering, College of Engineering and Technology, SRM Institute of Science and Technology, Kattankulathur, on 16th April 2025.

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



Mr. M. Kumaresan, Full time research scholar, Department of Civil Engineering, College of Engineering and Technology, SRM Institute of Science and Technology, Kattankulathur, on 21st April 2025.

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



Ms. K. Anitha, Full time research scholar, Department of Civil Engineering, College of Engineering and Technology, SRM Institute of Science and Technology, Kattankulathur, on 28th April 2025.

Under the guidance of **Dr. S. Senthil Selvan**, Professor, Department of Civil Engineering, SRM Institute of Science and Technology, Kattankulathur.



Mr. C. Augustine Crispin, Full time research scholar, Department of Civil Engineering, College of Engineering and Technology, SRM Institute of Science and Technology, Kattankulathur, on 5th May 2025.

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

Ph.D. Awarded



Mr. G. Sivaprakash, Part time (Internal) research scholar, Department of Civil Engineering, College of Engineering and Technology, SRM Institute of Science and Technology, Kattankulathur, on 14th May 2025.

Under the guidance of **Dr. A. Padma Rekha,** (Former Associate Professor, SRMIST) Professor, Department of Civil Engineering, NITTTR, Taramani.



Ms. M. G. Soundarya Priya, Full time research scholar, Department of Civil Engineering, College of Engineering and Technology, SRM Institute of Science and Technology, Kattankulathur, on 23rd May 2025.

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



Ms. Neena M. Copi, Full time research scholar, Department of Civil Engineering, College of Engineering and Technology, SRM Institute of Science and Technology, Kattankulathur, on 2nd June 2025.

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



Mr. G. Landlin, Full time research scholar, Department of Civil Engineering, College of Engineering and Technology, SRM Institute of Science and Technology, Kattankulathur, on 6th June 2025.

Under the guidance of **Dr. S. Bhuvaneshwari,** (Former Associate Professor, SRMIST) Assistant Professor, Department of Civil Engineering, College of Engineering, Anna University, Guindy, Chennai.



Ms. P. Keerthi, Full time research scholar, Department of Civil Engineering, College of Engineering and Technology, SRM Institute of Science and Technology, Kattankulathur, on 11th June 2025.

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



Mr. M. G. Prathap, Full time research scholar, Department of Civil Engineering, College of Engineering and Technology, SRM Institute of Science and Technology, Kattankulathur, on 13th June 2025.

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



Ms. S. Preethi, Part time (External) research scholar, Department of Civil Engineering, College of Engineering and Technology, SRM Institute of Science and Technology, Kattankulathur, on 23rd June 2025.

Under the guidance of **Dr. P. T. Ravichandran,** Professor & Head, Department of Civil Engineering, SRM Institute of Science and Technology, Kattankulathur.



Scholars Activities



Mr. K. Karthik received **Gold Medal** in the paper presentation during the **Research Day** held on **07th March 2025**, at **SRM Institute of Science and Technology, Kattankulathur**.

Secured **First Prize** in the poster presentation on **"Sustainable Technology and Innovation Concepts for Reusing Plastic"**, category held as a part of world Environmental Day 2025 celebration organized by **Centre for Research in Environment, Sustainability Advocacy and Climate Change (REACH)** SRMIST, Kattankulathur.

Secured **Second Prize** in the poster contest in **The International Day of Light (IDL-2025)** held on 16th May 2025 organized by **SRM OPTICA Student Chapter** at Department of Electronics and Communication Engineering of SRM Institute of Science and Technology, Kattankulathur.



Mr. Vellampalli Mohan Venkata Sai Krishna was recognized for his novel research in the environment sector titled **"Revolutionary Research on Clean Water"** on the occasion of **"World Environment Day 2025"**, organized by **REACH, Directorate of Research, SRMIST, Kattankulathur**.



Scholars Activities



Mr. Yuvaraj D participated in the online FDP on “**AI & ML in Civil Engineering**” organized by the Department of Civil Engineering, Sri Ranganathar Institute of Science and Technology, Coimbatore, on 12th May 2025.

Attended “**Fundamentals of Bridge Design - Midas Civil**” organized by ASCE India Section Southern Region on 3rd May 2025.

Received recognition for his contribution as a **Reviewer** in **SECON’25**, held from June 4th to June 6th, 2025, organized by the **Department of Civil Engineering, Federal Institute of Science and Technology (FISAT)**.



Participated in a national level workshop on “**AutoCAD for Civil Engineers**” on 16th April 2025, organized by Department of Civil Engineering, School of Infrastructure, **B.S Abdur Rahman Crescent Institute of Science and Technology, Chennai** in collaboration with **CADD Center and The Institution of Engineers (India)**, Kancheepuram Local Center.



Served as a chair for the 4th International Conference on “**Innovative Trends in Engineering for Sustainability (ICITES 2025)**”, organized by Department of Civil Engineering, **Toc H Institute of Science and Technology, Kerala, India** from 2nd to 4th April 2025.





Scholars Activities



Ms. Soundari L successfully completed the 12 weeks NPTEL course with Elite on “**Introduction to Environmental Engineering and Science - Fundamental and Sustainability Concepts**” from January to May 2025.

Participated in the poster presentation at **Dr. Paarivendhar Research Colloquium** at SRM Institute of Science and Technology, Kattankulathur, held from 21st to 23rd April 2025.

Presented a paper titled “**Utilization of Bagasse Ash as a Sustainable Precursor for Zeolite Synthesis**” at International Conference on “**Advanced Materials for Sustainable Development**” at Karpaga Vinayaga College of Engineering and Technology, GST Road, Chinnakolambakkam, Padalam, from 25th to 26th April 2025.



Ms. Menaka K participated in the poster presentation at **Dr. Paarivendhar Research Colloquium** at SRM Institute of Science and Technology, Kattankulathur, held from 21st to 23rd April 2025.

Presented a paper titled “**Valorization of Palm Oil Ash Waste as a Partial Cement Substitute in Concrete: A Path to Greener Construction**” at International Conference on “**Advanced Materials for Sustainable Development**” at Karpaga Vinayaga College of Engineering and Technology, GST Road, Chinnakolambakkam, Padalam, from 25th to 26th April 2025.



Scholars Activities



Ms. Rajitha J Rajan received Award for research excellence-World Environmental Day 2025-Clean Air Research Award-Organized by REACH (Center for Research in Environment, Sustainability Advocacy and Climate change).



Mr. Giridharan N has Participated in the poster presentation at Dr. Paarivendhar Research Colloquium at SRM Institute of Science and Technology, Kattankulathur, held from 21st to 23rd April 2025.



Ms. P. Keerthana presented a paper at International Conference on "Advanced Materials for Sustainable Development" at Karpaga Vinayaga College of Engineering and Technology, GST Road, Chinnakolambakkam, Padalam, from 25th to 26th April 2025.



Participated in the poster presentation at Dr. Paarivendhar Research Colloquium at SRM Institute of Science and Technology, Kattankulathur, held from 21st to 23rd April 2025.



Ms. Kalpana V participated in the poster presentation at Dr. Paarivendhar Research Colloquium at SRM Institute of Science and Technology, Kattankulathur, held from 21st to 23rd April 2025.





Scholars Activities



Mr. Praveenbalaji B participated in the workshop on **"Climate Change and Compound Hydrometeorological Events: Insights from Data and Modeling"** conducted by the Centre of Excellence in Water Management, MANIT Bhopal, from 19th May 2025 to 23rd May 2025.

Attended **"1st Summer School on Deep Learning: Shaping the Future of AI"**, organized by IITDM Jabalpur, from 19th May 2025 to 13th June 2025.

Participated in the poster presentation at **Dr. Paarivendhar Research Colloquium** at SRM Institute of Science and Technology, Kattankulathur, held from 21st to 23rd April 2025.

Attended online training program on **"Technological Advances in Hydrodynamic Modelling & Measurement: Application in Flood & Stream Flow Studies"** from 3rd to 5th April 2025, conducted by IIT(ISM), Dhanbad.



Ms. A. Auxilia Rani presented paper at International Conference on **'Advanced Materials for Sustainable Development'** at Karpaga Vinayaga College of Engineering and Technology, GST Road, Chinnakolambakkam, Padalam, from 25th to 26th April 2025.

Participated in the poster presentation at **Dr. Paarivendhar Research Colloquium** at SRM Institute of Science and Technology, Kattankulathur, held from 21st to 23rd April 2025.





Scholars Activities



Mr. G. Siddesh participated in the Faculty Development Programme on **"Emerging Technologies in Civil Engineering-2K25"**, organized by Kongunadu College of Engineering & Technology, Thottiyam, from 09th June 2025 to 13th June 2025.

Participated in the Faculty Development Programme titled **"Smart Infrastructure & IoT: A Next-Gen Approach in Civil Engineering"** organized by Coimbatore Institute of Engineering and Technology, Coimbatore, from 26th May 2025 to 31st May 2025.

Participated in the professional development programme on **"Construction Techniques for Earthquake Resistant Structures"** conducted by National Institute of Technical Teachers Training and Research, Chennai, from 21st to 25th April 2025.



Ms. I. Ramana presented a paper at **"International Conference on Advanced Materials for Sustainable Development"** at Karpaga Vinayaga College of Engineering and Technology, GST Road, Chinnakolambakkam, Padalam, from 25th to 26th April 2025.

Participated in the poster presentation at **Dr. Paarivendhar Research Colloquium** at SRM Institute of Science and Technology, Kattankulathur, held from 21st to 23rd April 2025.



Mr. Sathish Kumar B has published a conference paper in **IEEE InGARSS-2024** in the title of **"Milli-Watershed Level Morphometric Analysis on the Rudhra Kombai River in Cauvery Basin"**, Central Tamil Nadu, India: Using GIS and Remote Sensing, on May 2025.



Scholars Activities



Mr. S. Azhagarsamy presented three papers entitled “Investigated study on concrete integrating palm oil fuel ash under elevated temperatures”, “Temperature effects on concrete with pineapple leaf fibre, zeolite powder and dunite powder”, and “Experimental Investigation on the mechanical properties of concrete with partial replacement of coarse aggregate by recycles ceramic waste” in the **International Conference on Sustainable Goals in Materials, Energy, and Environment (ICSMEE’25)** held at **Mangalam College of Engineering, Kottayam, Kerala, India** from 4th to 5th April 2025.



Mr. R. Rajendran presented a paper titled “Nano-Indentation Characterization and Predictive Analysis of Micro Silica Reinforced Epoxy Polymer Composites” at **International Conference on Advanced Materials for Sustainable Development (ICAMSD 2025)** at **Karpaga Vinayaga College of Engineering and Technology, GST Road, Chinna Kollambakkam, Madhuranthagam**, from 25th to 26th April 2025.

Presented a paper titled “Evaluation of Nano-Indentation Properties of Calcium Carbonate-Filled Epoxy Composites Using ANN and RSM Techniques” at **2nd International Conference on Engineering, Natural Sciences, and Technological Developments, Bayburt University, Turkiye**, from 20th to 23rd June 2025.



Ms. I. Sasikala participated in the poster presentation at **Dr. Paarivendhar Research Colloquium** at **SRM Institute of Science and Technology, Kattankulathur**, held from 21st to 23rd April 2025.





Scholars Activities



Ms. Anusha K participated in the poster presentation at **Dr. Paarivendhar Research Colloquium** at SRM Institute of Science and Technology, Kattankulathur, held from 21st to 23rd April 2025.



Ms. Karthika S participated in the poster presentation at **Dr. Paarivendhar Research Colloquium** at SRM Institute of Science and Technology, Kattankulathur, held from 21st to 23rd April 2025.



Ms. Ayswarya P participated in Tech series 5.19 on "**Building the Future: Sustainable Cities and Infrastructure**", organized by the Department of Civil Engineering, S.A. Engineering College, on 11th June 2025.

Participated in the poster presentation at **Dr. Paarivendhar Research Colloquium** at SRM Institute of Science and Technology, Kattankulathur, held from 21st to 23rd April 2025.



Ms. Ramyashree P participated in the poster presentation at **Dr. Paarivendhar Research Colloquium** at SRM Institute of Science and Technology, Kattankulathur, held from 21st to 23rd April 2025.





Scholars Activities



Mr. Suresh Kumar R presented a paper titled “**A Literature Review of Construction Labor Productivity: A 30-Years Global Perspective**” in 3rd International Conference on **Construction Business and Project Management Conference (CBPM 2025)** held from 23rd April to 25th April 2025 at UCT Graduate School of Business, Conference Centre, CAPE TOWN, SOUTH AFRICA.



Participated in the poster presentation at **Dr. Paarivendhar Research Colloquium** at SRM Institute of Science and Technology, Kattankulathur, held from 21st to 23rd April 2025.



Students Activities



Ms. Bhoomi Verma completed the online course Mastering “**Structural Basics & Stability from Civil Era**” and has secured 10.00 SGPA in the 2nd semester & 9.78 SGPA in the 1st semester, and achieved a 9.89 CGPA in the 1st year of her B.Tech in Civil Engineering.

- **Ms. Niveditha Raj** -2nd year B.Tech Civil Engineering completed the Udemy course **C Program for Beginners** from 2nd March 2025 to 2nd April 2025.
- Completed industrial training at **Gypsa Interiors, Ajman, UAE**, from 5th June 2025 to 5th July 2025.

Mr. Devansh Bargujar -2nd year B.Tech Civil Engineering attended the session on “**Fundamentals of Bridge Design - MIDAS Civil**”, organized by the SRMIST Student Chapter of ASCE on 3rd May 2025.



Publications

Web of Science Journals



**IF
8.9**

Mugesh Maruthu & Durgadevagi Shanmugavel
"Optimisation and characterisation of zinc chloride activated Saccharum spontaneum biochar for enhanced thermal energy storage efficiency using response surface methodology"
Journal of Energy Storage

**IF
7.9**

Praveenbalaji Bheeman & Sathyanathan Rangarajan
"Impact of Climate Change on the Upper Bhavani Watershed using SWAT Model"
Results in Engineering

**IF
7.9**

Mukilan P & Balasubramanian M
"Sustainable tiles for renewable energy harvesting using integrated solar PV thermoelectric generator and piezoelectric technologies "
Results in Engineering

**IF
7.9**

S. Azhagarsamy & N. Pannirselvam
"Optimizing mechanical properties of recycled aggregate concrete with graphene oxide and steel fibers: A predictive approach using ANN and RSM"
Results in Engineering

**IF
7.9**

M. Prakash, K. S. Satyanarayanan & N. Parthasarathi
"Progressive collapse of asymmetrical reinforced concrete frames under corner column removal: Experimental investigation"
Results in Engineering

**IF
6.0**

Azhagarsamy Sekar & Pannirselvam Narayanan
"Enhancing mechanical and thermal properties of isophthalic polyester resin composites reinforced with graphene oxide and nanosilica using RSM and ANN"
Polymer Testing

**IF
4.2**

Karthik Karunakaran & Karuppasamy Sudalaimuthu
"GWR-ANN modelling for spatiotemporal prediction of land surface temperature in Thanjavur delta: evaluating environmental impacts on climate action and SDGs"
Environment Development and Sustainability



Publications



Sl.No	Author Name	Title	Journal Name	IF / SNIP
8	Balaji S.S., Chandar S. Prakash & Ravichandran P.T.	An investigation into the mechanical and microstructural properties of concrete utilizing recycled aggregate, incorporating optimization and prediction	Clean Technologies and Environmental Policy	3.9
9	I. Ramana & N. Parthasarathi	Enhancing fly ash utilization in cementitious composites using graphene oxide interfacial nano-engineering with artificial neural network	Innovative Infrastructure Solutions	2.4
10	Rantheesh J, Indran S, Manivel S, Divya D, K. Kumaresan, N. S. Balaji, Sanjay Mavinkere R & Suchart Siengchin	Comprehensive Characterization of Novel Agro-Industrial Waste Azadirachta indica A. Juss Oil Cake Derived Cellulose Micro Fillers Reinforced with Basalt/Banana Fiber Based Hybrid Polymeric Composite for Lightweight Applications	Fibers and Polymers	2.3
11	N. Parthasarathi, M. Prakash & K. S. Satyanarayanan	Behavior of reinforced concrete elements and sub-elements under thermo-mechanical loading in a critical zone	Journal of the Brazilian Society of Mechanical Sciences and Engineering	2.1
12	P. Keerthana & N. Parthasarathi	Assessing the structural efficiency of hollow tubular steel inclined columns with variable moment-resisting bracings	Journal of the Brazilian Society of Mechanical Sciences and Engineering	2.1
13	P R Kannan Rajkumar, J. Baskara Sundararaj & M. Jegan	An efficient prediction of sustainable concrete properties of hybrid steel fiber-reinforced self-compacting concrete using the novel JO-mSigmoid-ANN model	Multiscale and Multidisciplinary Modeling Experiments and Design	2.0
14	Sivaraja M, Swaminathan A. N, Kuttimarks M. S, Rajprasad J, Rex J & Sakthivel M	Prediction of the Anti-carbonation performance of concrete based on random forest - least squares support vector machine model	Journal of Environmental Engineering and Landscape Management	1.1
15	K.S. Anandh, K. Prasanna & R. Senthil	Investigation of efficient practices of construction and demolition waste management	International Journal of Masonry Research and Innovation	0.7



Publications



Scopus Indexed Journals

Sl.No	Author Name	Title	Journal Name	IF / SNIP
16	Balaji Sethupathi Sekar, Prakash Chandar Sekaran & Ravichandran Panruti Thangaraj	Implementing modified triple blend technique for enhancing the microstructure of recycled aggregate with M-sand in concrete	Environmental Science and Pollution Research	1.084
17	L. Soundari & K. Prasanna	Optimum usage of biochar derived from agricultural biomass in removing organic pollutant present in pharmaceutical wastewater	Sustainable Chemistry for the Environment	0.827
18	Sujitha Arumugam, P. T. Ravichandran & P. R. Kannan Rajkumar	Comparative Life Cycle Assessment of Concrete with Natural and Recycled Aggregates in the Perungudi Region	Iranian Journal of Science and Technology, Transactions of Civil Engineering	0.801
19	R. Surya Prakash & N. Parthasarathi	Thermal energy efficiency for FRP laminates rehabilitated reinforced concrete joint and prediction using regression analysis	Journal of Building Pathology and Rehabilitation	0.712
20	B. Suresh & P. R. Kannan Rajkumar	Durability Studies on the Effect of Low Carbon Quaternary Binder - Composite Cement with Alccofine	International Journal of Engineering Trends and Technology	0.243
21	G. Sivaprakash, M. Jayaraman, S. Bhuvaneshwari & A. Padmarekha	Analysis of Geogrid Reinforced Flexible Pavement Using Plaxis 2D	Lecture Notes in Civil Engineering	0.195
22	M. Jayaraman, P. T. Ravichandran & K. Divya Krishnan	Effect of Milled Palm Oil Fuel on the Properties of Expansive Soil—An Experimental Investigation	Lecture Notes in Civil Engineering	0.195

Social media



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<https://www.linkedin.com/company/srm-ist-chennai/>



<https://www.youtube.com/user/SRMeducation>



Students Chapters

*American
Concrete
Institute*

*Indian
Geotechnical
Society*

*Indian
Concrete
Institute*

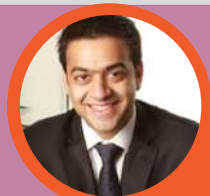
*American
Society of
Civil
Engineers*

*The
Institution of
Engineers
(India)*

Outstanding Alumni



Mr. KRS. Narayan
**Fuels Marketing
Group- O2C**



Mr. Ashwin Ramkumar

**K.S.Venkatraman & Co.
Pvt. Ltd**



Joel Ruban Thomas G
**AMAZE Concrete Products
Private Limited**

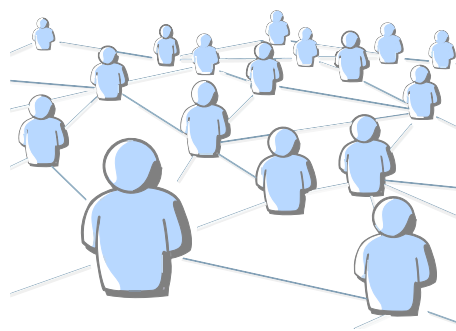


Mr. Viswajith Kumar

**Director
NAVIN HOUSING**



Mr. R.Karthik Narayanan
Ganesan Builders Ltd.





<https://www.youtube.com/watch?v=vHqRn5bsRIg>



Video tour



Editorial Board

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