

Newsletter

Department of Civil Engineering SCMS School of Engineering and Technology

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| Vision | <p>To emerge as a premier department, empowering Civil Engineering professionals and research-oriented innovators for sustainable development.</p> |
| Mission | <ul style="list-style-type: none"> ● Impart industry-relevant Civil Engineering education that promotes ethical conduct and lifelong learning. ● Develop innovative problem-solving skills to address societal needs and environmental challenges in infrastructure development. ● Enhance service learning and research through collaboration with government departments and local bodies. |

ABOUT THE DEPARTMENT

The Department of Civil Engineering has been in existence since the inception of SSET in 2001. The department comprises highly experienced and well-qualified faculty members. It offers one undergraduate program, two postgraduate programs, and PhD programs. The U.G program is accredited by the National Board of Accreditation (NBA). SCMS Water Institute, which is a "Centre of Excellence on Water", is working jointly with the department.

For questions and feedback email civil.data@scmsgroup.org and will be in touch.



Poster Making Competition

The Civil Engineering Department Association-FRAMES conducted a poster making competition in connection with the World Ozone Day-2024 for the students of SSET. The theme for the competition was “Ozone for Life”. 46 students from various semesters and departments actively participated in the event, showcasing their artistic talents and understanding of the theme, making the event an interdisciplinary platform for raising environmental awareness. Ms. Pooja Prasad, S3-B.Tech-CS (Batch 2023-2027), Ms. A Sreenandana Panangattu, S3-B.Tech-CS (Batch 2023-2027) and Ms. Devinandhana V S, S3-B.Tech-CS (Batch 2023-2027) were the winners of the competition.

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Short-term training program titled "Advanced Survey Techniques"

The Department of Civil Engineering conducted short-term training program titled "Advanced Survey Techniques" on 24 September 2024 for 5th and 7th-semester students of the B.Tech Civil Engineering program. The primary focus of the program was to provide students with an understanding of advanced surveying techniques using Unmanned Aerial Vehicles, commonly known as drones. The training included theoretical insights, simulator-based sessions, and practical hands-on experience, making it a comprehensive learning opportunity for students. Mr. Mahin, Technical expert from Dron imagination Pvt Ltd, Kakkanad, Kerala was the resource person.



Short-term training program titled “Aerial Mapping”

The Department of Civil Engineering conducted short-term training program titled “Aerial Mapping” on 25 September 2024 for 7th semester students of the B.Tech Civil Engineering and M.Tech Environmental Engineering students. The event was organized to enhance participant’s knowledge of aerial mapping techniques, specifically their applications in Civil Engineering. The training session offered a comprehensive blend of theoretical and practical knowledge on the subject. Mr. Vishnu, Technical expert from Dronimagination Pvt Ltd, Kakkanad, Kerala was the resource person.



FACULTY ACHIEVEMENT

Dr. Ratish Menon, Professor and Head, Civil Engineering Department, SCMS School of Engineering and Technology was invited as a guest in the Akashavani Kochi FM Samakalikam Program to discuss about the topic “Groundwater declination in Kerala- Reasons and Remedies”. He mentioned about the current scenario of water usage and ground water declination in Kerala. He also suggested some remedial measures to improve ground water recharge by protecting locally available fresh water resources. Dr. E J James, former director of Centre for Water Resources Development and Management (CWRDM) and Dr. Usha K Aravind, Professor, CUSAT also participated in this program.



Ms. Nandita Mohan, Assistant Professor, Civil Engineering Department, SCMS School of Engineering and Technology received Building Information Modeling (BIM) trainer certificate from KTU Vice Chancellor Dr. Saji Gopinath in a function held at APJAKTU campus on 24-05-2024.



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Dr. Praseeja A V, Associate Professor, Civil Engineering Department presented a paper titled “Numerical modeling of seawater intrusion in coastal areas of Kochi” in the 39th National Convention of Civil Engineers on 17th and 18th October 2024 at Kochi organized by The Institution of Engineers, Kochi local centre.

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Dr. Nisha L, Professor, Civil Engineering Department presented a paper titled “Sediment transport modelling using HEC-HMS for Kadambayar” in the 39th National Convention of Civil Engineers on 17th and 18th October 2024 at Kochi organized by The Institution of Engineers, Kochi local centre.



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Dr. Lakshmi Priya, Assistant Professor, Civil Engineering Department presented a paper titled “Geotechnical distribution and environmental risk assessment of heavy metals in an urban water body” in the 39th National Convention of Civil Engineers on 17th and 18th October 2024 at Kochi organized by The Institution of Engineers, Kochi local centre.

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Dr. Rahul R Pai, Assistant Professor, Civil Engineering Department and Mr. Deeraj A D, Assistant Professor, Civil Engineering Department attended “E-Learning Workshop on 14th and 15th October 2024 at Delhi organized by WASH Institute, Delhi.

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Dr. Praseeja A V, Associate Professor, Civil Engineering Department presented a paper titled “Urban Sprawl Mapping: A case of Ernakulam district in Kerala, India” in the 7th International Conference on Modeling & Simulation in Civil Engineering - focusing on global partnership for sustainable development and circular economy through technology, infrastructure and research on 5th to 7th December 2024 at TKM College of Engineering, Kollam

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Dr. Lakshmi Priya, Assistant Professor, Civil Engineering Department presented a paper titled “Spatial analysis of municipal solid waste collection system in Mattanchery, Kerala” in the in the 7th International Conference on Modeling & Simulation in Civil Engineering - focusing on global partnership for sustainable development and circular economy through technology, infrastructure and research on 5th to 7th December 2024 at TKM College of Engineering, Kollam

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Ms. Remya Y K, Assistant Professor, Civil Engineering Department presented a paper titled “Operating speed of trucks on two lane rural highways: Effect of load and geometry” in the in the 7th International Conference on Modeling & Simulation in Civil Engineering - focusing on global partnership for sustainable development and circular economy through technology, infrastructure and research on 5th to 7th December 2024 at TKM College of Engineering, Kollam

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Dr. Rahul R Pai, Assistant Professor, Civil Engineering Department and Mr. Jery Anto, Assistant Professor, Civil Engineering Department attended UN International Conclave on “Sustainable Construction” at Indian Institute of Infrastructure and Construction, Kollam, Kerala, held on 5th to 7th December 2024

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 Lead Editor: Ms. Nandita Mohan (Assistant Professor, CE)

Student Editorial Team

- Muhammed Aadhil | Associate Editor, S8 CE
- Jismi Shaju | Student Coordinator, S6 CE
- Hudha Salim | Student Coordinator, S6 CE
- Ms. Niloofar Sulthana, S4 CE

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