

# Newsletter

## Department of Civil Engineering SCMS School of Engineering and Technology

### Vision

To emerge as a premier department, empowering Civil Engineering professionals and research-oriented innovators for sustainable development.

### Mission

- 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](mailto:civil.data@scmsgroup.org) and will be in touch.

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The Department of Civil Engineering in association with SCMS Water Institute conducted three-day training program on “Modelling Groundwater Flow and Quality using FEFLOW” from 18<sup>th</sup> January to 20<sup>th</sup> January 2023. Ms. Sreya M., MIKE – Technical Support Engineer, DHI India was the instructor for the program. Thirteen external participants and students of M.Tech Environmental Engineering of 2021-2023 batch attended the training program. Dr. Nisha L., Associate Professor, Dr. Praseeja A.V., Assistant Professor, Dr. Akhila M., Assistant Professor, Dr. Rahul R. Pai, Assistant Professor and Ms. Meera Varghese, Assistant Professor of Civil Engineering Department also attended the training program.

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## Knowledge Sharing Program

A Knowledge Sharing Program on “Service Learning in Engineering Education” was held on 30<sup>th</sup> January 2023 by Dr. John Tharakan, Professor on Sabbatical to SCMS School of Engineering and Technology and Professor, Howard University, United States.

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## Refresher training for Civil Engineering Labs

A five- day program on "Refresher training for Civil Engineering Labs" was conducted from 31<sup>st</sup> January 2023 to 4<sup>th</sup> February 2023 for the staff and faculty of the Department of Civil Engineering. A refresher training for Geotechnical Engineering Lab, Environmental Engineering Lab, Transportation Engineering Lab, Survey Lab and Material Testing Lab was done by expertise from the Department of Civil Engineering. All faculty and technical staff members of Department of Civil Engineering attended the training program.

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## Technical Experience sharing series



Session IV of Technical Experience sharing series participants along with Ms. Arsha Sajeev K, Staff Engineer in Traffic and Transportation, BETA Group, Wethersfield, USA

The Department of Civil Engineering conducted Session IV of Technical Experience sharing series about the topic “Studies on Horizontal curves to reduce roadway crashes” on 14<sup>th</sup> February 2023 by Ms. Arsha Sajeev K, Staff Engineer in Traffic and Transportation, BETA Group, Wethersfield, USA who was an alumnus of SCMS School of Engineering and Technology (M.Tech Environmental Engineering 2016-2018 batch). The fourth semester Civil Engineering students attended the program.

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## FACULTY ACHIEVEMENT

Dr. Praseeja A V, Assistant Professor, Department of Civil Engineering has been awarded the APJAKTU - CERD - Research Seed Money Scheme funding of Rs. 1,55,000 for the project titled “Study of dispersion coefficient of contaminants through different types of soils and remediation using natural fibres.”

Ms Merin Mathew, Assistant Professor, Department of Civil Engineering has been awarded the APJAKTU - CERD - Research Seed Money Scheme funding of Rs. 1,60,000 for the project titled “Catchment scale source apportionment of sediment yield into Vembanad Lake”.



Ms. Meera Varghese, Assistant Professor, Department of Civil Engineering has been awarded the APJAKTU - CERD - Research Seed Money Scheme funding of Rs. 46,000 for the project titled “Sea water intrusion modelling into some of the coastal aquifers in Thrissur district.”

Dr Rahul R Pai, Assistant Professor, Department of Civil Engineering has been awarded the APJAKTU - CERD - Research Seed Money Scheme funding of Rs. 90,000 for the project titled “Fatigue studies and resilient behavior of crushed brick fly ash lime (CBFL) mix for use in base layer of flexible pavement”.

 From the Editor's Desk

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

### **Student Editorial Team**

- Sobin Varghese | *Associate Editor, S8 CE*
- **Muhammed Aadhil** | *Associate Editor, S6 CE*
- **Jismi Shaju** | *Student Coordinator, S4 CE*
- **Hudha Salim** | *Student Coordinator, S4 CE*

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