

# Newsletter

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

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

### 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, SCMS School of Engineering and Technology conducted a five-day training programme on Climate Change Data Analysis sponsored by the Directorate of Environment & Climate change from March 14 to 18, 2022. Coordinators for the program were Dr. Nisha.L and Dr. Ratish Menon. Resource persons from various fields were Dr. Sathish Kumar D, NIT Calicut, Dr. C. S. Gopakumar, Kerala Agricultural University, Dr. Manoj M G, Advanced Centre for Atmospheric Radar Research-CUSAT, Dr. Sajeev T V, Kerala Forest Research Institute, Ms. Dawn Emil, CWRDM, Dr. Sunny George, Director, SCMS Water Institute, Dr. P.T Santhosh, Kerala Engineering Research Institute, Dr Athira P, IIT Palakkad, Dr. Sumi S, CET, Trivandrum and Ms Jisha P Research Scholar NIT Calicut. More than 40 participants including research scholars, students and faculty members from various colleges participated in the programme.

## River - Walk & talk



The Department of Civil Engineering, SSET conducted a one day programme " River - Walk & talk" in line with the 24th edition of "International Day of Action for Rivers" on March 9, 2022 for the faculty and students of SSET. The program involved a field visit to the Oxbow lake and Chalakudy River. Kadukutty Panchayat president Ms Princy Francis inaugurated the programme. Vice president Mr Ayyappan, Oxbow foundation president Mr Deepu Mangalam and Mr Chandran (Artist) addressed the students. Students and faculty members from Nair Samajam High School, Valoor, Koratty also joined the program. There Oxbow Foundation had erected a huge art canvas at the oxbow lake site for raising awareness about river conservation activities. Students and faculty



members actively participated in the activity. A visit to the River monitoring Station of the Central Water Commission at Arangali also was conducted.

## Training Programme on Mike+

DHI India has conducted a training program on Mike + for the faculty members from April 4 to 8, 2022. The training program was conducted at the Mike Computational lab at SSET. Mike Computational lab is the first of its kind in Kerala. The lab will enhance the capability of SCMS in urban flood modelling and will act as a resource centre for various Government Departments in Kerala. The resource persons for the program are **Mr. James Ebenezer Samuel and Ms Sreya M** from DHI. Ms Sreya M was an alumni of SSET (M.Tech EE 2019-21 Batch). Dr. Nisha.L, Associate Professor & Head, CED Dr. Ratish Menon, Associate Professor, Dr. Praseeja AV, Assistant Professor, Ms Merin Mathew, Assistant Professor, Ms Roshni KR, Assistant Professor, Ms Sruthy S, Assistant Professor, Ms Meera Varghese, Assistant Professor were participated in the training program



## Visit to KMRL Rainwater Harvesting Structure

Students from Civil Engineering Department, SCMS School of Engineering and Technology visited the Rainwater Harvesting structure at Companypady Station of KMRL on April 19<sup>th</sup>, which was installed with technical assistance from SCMS Water Institute. About 40 students from the campus accompanied by faculty members visited the facility



A Knowledge sharing Program on “Introduction to Finite Element Modeling using ABAQUS” was held on 4<sup>th</sup> May 2022 by Ms. Geethu R Babu. Assistant Professor, Department of Civil Engineering, SSET.

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A Knowledge sharing Program on “Data Analysis using Microsoft Excel for Beginners” was held on 30<sup>th</sup> May 2022 by Ms. Remya Y K. Assistant Professor, Department of Civil Engineering, SSET.

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## FACULTY ACHIEVEMENT



- M. Sanju Sreedharan, Associate Professor, Civil Engineering Department has been awarded degree of ‘Doctor of Philosophy in Civil Engineering from CUSAT on 3<sup>rd</sup> March 2022
- Dr. Anand Raj, Assistant Professor, Department of Civil Engineering, SSET received the Outstanding Doctoral Thesis Award in Concrete from the Indian Concrete Institute, Calicut Chapter.

 From the Editor's Desk

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

### Student Editorial Team

- **Ms. Vivitha V N** | *Associate Editor, S8 CE*
- **Sobin Varghese** | *Student Coordinator, S6 CE*
- **Muhammed Aadhil** | *Student Coordinator, S4 CE*
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