

Newsletter

Department of Civil Engineering SCMS School of Engineering and Technology

<p>Vision</p>	<p>To emerge as a premier department, empowering Civil Engineering professionals and research-oriented innovators for sustainable development.</p>
<p>Mission</p>	<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.

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Staff development program on “AUTO CADD”

The Department of Civil Engineering conducted a staff development program on “AUTO CADD” from 22 January 2024 to 30 January 2024. This training program was mainly intended to enhance the skill on various applications of AUTOCAD software via hands on sessions. Mr. Jerry Anto, Assistant Professor, Department of Civil Engineering, SSET was the resources person. Staff members from various departments attended the Program.



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Workshop on Sustainable Groundwater Resource Management

A workshop on Sustainable Groundwater Resource Management was organized by Groundwater Department, Govt. of Kerala in collaboration with Department of Civil Engineering of SCMS School of Engineering & Technology Karukutty on December 1st, 2023 at 9.30 am to 3.00 PM.

This workshop introduced practical aspects of ground water management to the students. The event was organized as part of the existing research collaboration between SCMS Water Institute & Kerala State Ground Water Department. Ernakulam District Officer Shri K. U. Aboobaker, Senior Hydrogeologist Dr. Lal Thompson and Er. Biji Thomas interacted with the students.

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Training Program on “Bridge the Brilliance”

The Department of Civil Engineering conducted a one-day training on analysis of bridge and bridge building Competition “Bridge the Brilliance” on 4 April 2024. This training program was mainly intended to incorporate fundamentals of software analysis of bridge into a Civil Engineering students through blend of technical training session and hands-on competition. A technical talk on “Sustainability in Construction” was delivered by Er. Abhilash Joy, Managing Director, STUBA Engineering Consultancy Pvt. Ltd. His session explores the principles, practices and benefits of sustainable construction, highlighting the efforts made him to promote eco-friendly building practices. Ms. Tenu Syriac, Assistant Professor and Ms. Nandita Mohan, Assistant Professor, Department of Civil Engineering, SCMS School of Engineering and Technology were the resource persons for the Software analysis training session. The winners for the bridge making competition are: first prize to Mr. Bibin Biju & Mr. Alywn Jose Antony, semester 8 Civil Engineering students and second prize to Mr. Juno Thankachan, Mr. Varun Vijayan & Mr. Tony Prince, semester 8 Civil Engineering students.





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Training in “MIX MASTER”

The Department of Civil Engineering conducted a one-day Mix Design Training and Cube Testing Competition “MIX MASTER” for final year polytechnic students on 27 March 2024. This training program was mainly intended to incorporate Mix Design education into Civil Engineering Polytechnic students through a blend of technical training session and hands-on session. Ms. Nandita Mohan, Assistant Professor, Department of Civil Engineering, SCMS School of Engineering and Technology was the resource person for the Mix Design Training session. Students from various polytechnic colleges registered and participated in the training and competition.





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Technical talk on “Quality Management in Concrete Construction”

The Department of Civil Engineering, in collaboration with the CE-Department Association – Frames, organised a technical talk on “Quality Management in Concrete Construction” on 14 March 2024. The resource person for the talk was Mr. Shyam Kumar Syama Prasad, Head of the Ready-Mix Concrete Division at ULCCS Ltd. and the Founder Director of CETARC, a company focused on promoting best practices in concrete construction. Dr. Ratish Menon, Professor & Head, Department of Civil Engineering addressed the gathering and introduced the resource person. The speaker being an accomplished professional with 31 years of experience in Business Management, Plant Operations, Technical Sales, Quality Management in large-scale projects could effectively deliver the importance of quality assurance and quality control.

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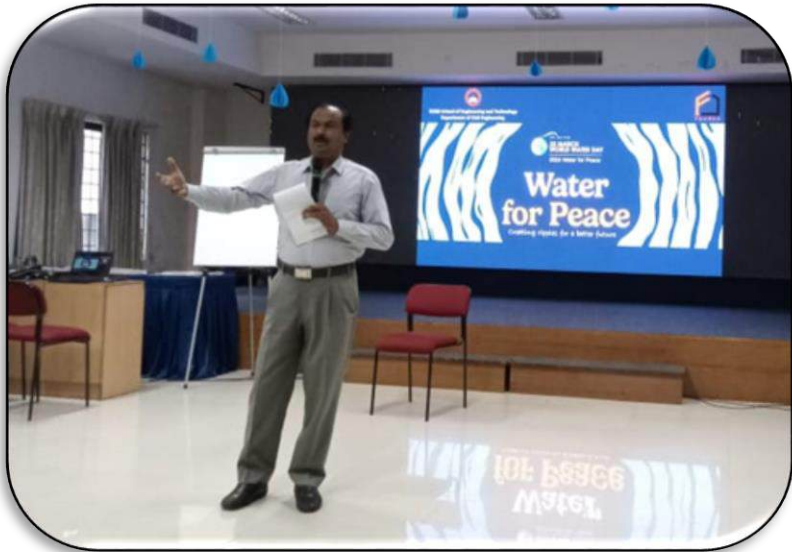
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Water Day Celebration

The Civil Engineering Department Association-FRAMES, in collaboration with the SCMS Water Institute, marked the celebration of World Water Day 2024. The aim was to augment students' understanding of global water-related issues, potential solutions, key stakeholders in water



conservation, and the significance of water. The festivities encompassed both technical and non-technical activities tailored for Civil Engineering Department students, aligning with the UN- Water’s theme for the year: “Water for Peace”. Addressing the audience, Dr. Ratish Menon, Professor & Head Department of Civil Engineering, underscored the paramount importance of water and extended a warm welcome to the event's Chief Guest, Dr. Sunny George, Director- SCMS Water Institute. Dr. Sunny George delivered an insightful technical discourse on the theme of World Water Day. The technical talk was followed by a series of interesting technical and non-technical activities for the students.



FACULTY ACHIEVEMENT

Dr. Ratish Menon Professor & Head of Civil Engineering Department was invited as a resource person by World Health Organization (WHO) for a workshop on "Climate Resilient Sanitation Safety Planning" conducted during 6 February to 9 February 2024 at Anil Agarwal Environmental Training Institute, Tijara, Rajasthan. Govt officials & representatives of NGOs working in the sanitation sector from India, Nepal and Bangladesh were the participants in this workshop.



Ms. Sruthy S., Assistant Professor, Civil Engineering Department, presented a paper on “Treat Assessment of water distribution network in a semi urban area of Kerala” at National Environmental Conference organized by IIT Bombay on 16th February 2024.

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Ms. Merin Mathew, Assistant Professor, Civil Engineering Department, presented a paper on “Management plan for Thevara-Perandoor Canal at Panampilly Nagar-A cost benefit approach” at National Environmental Conference organized by IIT Bombay on 16th February 2024.

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A Knowledge sharing Program on “An introduction to BIM in Civil Engineering” was held on 20 March 2024 by Ms. Nandita Mohan, Assistant Professor, Civil Engineering Department, SCMS School of Engineering and Technology, Karukutty.

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Dr. Rahul R Pai, Assistant Professor, Civil Engineering Department, SCMS School of Engineering and Technology, Karukutty delivered a talk on “Significance of field testing of innovative materials used in the base and sub-base layers of flexible pavement” on 8 April 2024 during Rendezvous technical webinar organized by Indian Geotechnical Society, Kochi

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Dr. Ratish Menon, Professor and Head of the Department of Civil Engineering, SCMS School of Engineering and Technology was invited as a speaker on 20 March 2024 to “Used Water Management Conclave 2024: Used water management for building water resilient Kerala”, organized by Kerala Water Authority in association with Suchitwa Mission and WASH Institute during 20 to 22 March 2024 at Thiruvananthapuram. This conclave was aimed at exchanging knowledge among academicians, technical practitioners and policy makers. Dr. Ratish Menon talked on the topic



“Climate Resilient Sanitation Safety Planning” in the session named “UWM Approaches” and also participated in the panel discussion. The event was attended by Govt. Engineers, officials from Kerala Suchitwa Mission and Industry personnel.



STUDENT ACHIEVEMENT

Ms. Nizwin K. S., final year M.Tech - Computer Aided Structural Engineering student won second prize worth Rs. 7500/- in the hackathon on “Design and estimation of a structure and its foundation” conducted by Association of Structural and Geotechnical consultant, Kerala.

 From the Editor's Desk

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

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