

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 and will be in touch.

1



Accredited by





.....

.....

Mix Design Training and Cube Testing Competition “MIX MASTER 2025”

The Department of Civil Engineering at SSET, in collaboration with the Innovation and Entrepreneurship Development Centre (IEDC) conducted a one-day training and competition event “Mix Master 2025” on 22 January 2025 aimed at final-year and pre-final-year polytechnic students. The event combined a mix design-training program with a cube testing competition, offering participants a practical learning experience in concrete mix design, a key component of Civil Engineering education. This initiative was designed to address the challenges of incorporating mix design into polytechnic curriculum, given the complexity and scale of Civil Engineering projects and the limited time available for practical training. 92 students from various colleges participated in the program. Mr. Jerry Anto, Assistant Professor, Civil Engineering Department was the resource person.



— Accredited by —





Site visit to Chellanam sea wall

The Department of Civil Engineering, SSET organized a field visit to the Chellanam sea wall on 28 January 2025. Thirty-four students from the fourth and sixth semesters participated in this visit, accompanied by faculty members Dr. Rahul R. Pai and Mr. Jerry Anto, Assistant Professor, Civil engineering department. The objective of the visit was to provide students with practical exposure to coastal engineering and erosion control measures.

Site visit to Thumboormuzhi Check dam and Agronomic Research Station, Chalakudy

The Department of Civil Engineering, SSET organized a field visit to the Thumboormuzhi Check dam and Agronomic Research Station, Chalakudy on 17 January 2025. Second semester students of Civil engineering participated in this visit, accompanied by faculty members Dr. Akhila M., Associate Professor, Civil engineering department and Mr. Deeraj A. D., Assistant Professor, Civil engineering department. The objective of visiting Thumboormuzhi Check Dam was to understand its role in water conservation, irrigation, and groundwater recharge, while also appreciating its environmental and



Accredited by



ecological significance. The objective of a site visit to the Agronomic Research Station in Chalakudy was to gain insights into agricultural research, crop cultivation practices, and sustainable farming techniques for improving productivity and soil health.

.....

.....

Technical Quiz Competition IQUIZITIVE’25

The Department of Civil Engineering, SSET conducted an annual in-house quiz competition to exhibit the technical excellence of Civil Engineering students. The quiz encompassed the field of Civil Engineering and included technical and general awareness questions. 71 students of civil engineering department attended the program. The winners of the program was Ms. Nandana A. S. and Ms. Safwana V. S., of sixth semester B.Tech Civil Engineering (2022-2026 batch).

.....

.....

Alumni Talk on “Roles and responsibilities of a civil engineer in construction industry”

The Department of Civil Engineering, SSET in collaboration with the Civil Engineering Department Association “Frames”, organized an alumni talk on “Roles and Responsibilities of a Civil Engineer in Construction Industry”. The talk was attended by the B.Tech students and faculty members of the department. Dr. Anitha G Pillai, Principal, SSET inaugurated the session. Mr. Beshy Kuriakose, a distinguished alumnus and a seasoned professional in the construction industry with an impressive 25 years of experience in the construction industry currently serving as a Project Engineer at Lulu Group was the resource person.





.....
.....
.....
.....

Industrial Visit to “MATTER LAB”

The Department of Civil Engineering, SSET organized an industrial visit to MATTER LAB, Kozhikode on 25 February 2025. Five students of semester 2 M.Tech Computer aided Structural Engineering participated in this visit accompanied by faculty member Mr. Jerry Anto, Assistant Professor, Civil Engineering department. The industrial visit to Matter Lab was a highly enriching experience for the M. Tech students, offering them a firsthand understanding of material testing and forensic investigation in the construction industry. The visit bridged the gap between theoretical knowledge and practical applications, equipping students with industry-relevant skills. The insights gained will significantly contribute to their academic and professional growth in structural engineering.

.....



Workshop on “Career as a Builder”

The Department of Civil Engineering, SSET in association with Innovation and Entrepreneurship Development Centre (IEDC) conducted a workshop on “Career as b Builder” on 27 February 2025. The workshop provided civil engineering students with valuable insights into the opportunities, challenges, and essential skills required to excel in the construction industry. Through discussions on technical expertise, project management, financial planning, and emerging trends, the session aimed to equip students with the knowledge needed to navigate their professional journey. Mr. K. Anil Varma, Managing Director of Varma Homes, delivered a session on Blueprint for Success: Essential Skills and Strategies for Becoming a Successful Builder, where he emphasized the key qualities needed to excel in the construction industry. Er. Shyju Nair, CEO of DH Academy and Secretary of ICI Kochi Chapter, delivered an insightful session on Concrete: An Enigmatic Construction Material, where he explored the unique properties and versatility of concrete in modern construction. Er. Tissen Sebastian, CEO of Pullukattu Constructions and Tissens Exports & Imports, conducted a session on Mastering Home Construction & Overcoming Challenges, where he provided valuable insights into the complexities of building a home. 46 students from B.Tech Civil Engineering and M.Tech Computer aided structural Engineering attended the workshop.

.....

Hands-on Workshop on VR-INTEGRATED STRUCTURAL AND INTERIOR DESIGN WITH CAREER GUIDANCE

The Department Civil Engineering Association, FRAMES, organized a workshop titled “VR-Integrated Structural and Interior Design with Career Guidance” on 18 February 2025. The event was specifically designed for the Semester 8 students of the department, aiming to provide an immersive experience in virtual reality applications in structural and interior design. The workshop was facilitated by TECHMAGHI, a DPIIT-recognized Ed-Tech start-up. The workshop was highly informative and engaging, providing students with a comprehensive overview of the integration of VR technology in Civil Engineering design. The hands-on experience and career guidance sessions added immense value to the learning experience.

7



Industrial Visit to DR. FIXIT experience center, Muttom

The Department of Civil Engineering, SSET organized an industrial visit to DR. FIXIT experience center, Muttom on 21 March 2025. Forty-six students from eighth and sixth semester B. Tech and second semester M.Tech Computer aided structural engineering participated in this visit, accompanied by faculty members Ms. Nandita Mohan and Anju Mary Ealias, Assistant Professor, Civil engineering department. The visit aimed to provide students with hands-on exposure to modern waterproofing solutions, their applications, and technical demonstrations. Additionally, the visit focused on career opportunities and entrepreneurial scopes in the field of waterproofing and construction chemicals.

.....
.....
.....
.....

Hands on Robotic Workshop

The Department of Civil Engineering, SSET in association with IEDC, IQAC and IIC conducted a hand on robotic workshop on 3 April 2025. The workshop aimed to introduce students to the applications of robotics in Civil Engineering. This workshop provided theoretical knowledge along with practical exposure to robotics and 3D modeling. Dr. Vinoj P.G, Associate Professor, Department of electronics and communication engineering, SSET was the resource person. Fourth semester B.Tech civil engineering students attended the workshop.

.....
.....



Talk on Human values

The Department of Civil Engineering, SSET in association with IEDC, IQAC and IIC conducted a talk on human values on 3 April 2025. 2025. The session was graced by the presence of Dr. Rajesh P. Nair, Assistant Professor at the Department of Ship Technology, Cochin University of Science and Technology. He delivered a thought-provoking lecture on the importance of human values, especially in the context of our professional and personal lives. The session aimed to provide insights into how the integration of human values can influence decision-making, leadership, and relationships, thereby contributing to overall societal well-being. Sixth semester B.Tech civil engineering students and second semester M.Tech students attended the talk.

.....

.....

Training session for officials from Civil section, KSRTC

The Department of Civil Engineering, SSET conducted 6 day training program for Assistant Engineer and draft man from civil section Kerala State Road Transport Corporation (KSRTC) from 28 April 2025 to 5 Amy 2025. This training provided theoretical knowledge along with practical exposure to traffic planning and design, surveying, quantity calculation, testing of material quality, setting out of building, wastewater treatment and construction technology. Mr. Abhilash Joy, Managing director, STUBA Engineering Consultancy private limited, Dr. Sanju Sreedharan Associate Professor, Dr, Rahul R. Pai, Assistant Professor, Ms. Nandita Mohan, Assistant Professor, Mr. Jerry Anto, Assistant Professor, Mr. Deepu R., Assistant Professor, Ms, Anjana Susan John, Assistant Professor, Ms. Anju Mary Ealias, Assistant Professor, Ms. Dhanaya T. B. Lab Instructor, Mr. Ramesh Rajan N., Lab Instructor, Mr. Anoop M., Lab instructor, Civil Engineering Department, Mr. Varun Jose, Assistant Professor, Electrical and Electronics Engineering Department, SSET were the resource persons.

.....

.....

FACULTY ACHIEVEMENT

Dr. Praseeja A V, Associate Professor, Civil Engineering Department published a paper titled “Monitoring groundwater level fluctuation in Chittur, Palakkad” in International Journal of Energy and water resources, 2025 September 11: 1-7.

.....

.....

Ms. Merin Mathew, Assistant Professor and Dr. Ratish Menon, Professor, Civil Engineering Department published a paper titled “Impact of Service Learning Projects on Student Self-Assessment of AICTE Outcomes Achievement” in International Journal for Service Learning in Engineering, Humanitarian Engineering and Social Entrepreneurship, Vol. 19, No. 2, pp. 1-17, 2024, ISSN 1555-9033

.....

.....

 From the Editor's Desk

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

Student Editorial Team

- Ms. Hudha Salim| Student Coordinator, S7 CE
- Ms. Jismi| Student Coordinator, S7 CE
- Ms. Niloofer Sathar | Student Coordinator, S5 CE
- Mr. Hrishi Abhimanyu | Student Coordinator, S5 CE

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

.....

.....

10

