Theme - SECON’23

In the project management process, quality and sustainability are two sides of the same coin. Professional development necessitates the use of appropriate tools to achieve the project’s intended objectives in the best possible way, with the least amount of waste and most effective use of resources. Engineers are now employed in various capacities for the entire life cycle, while keeping the concept of sustainability in mind. SECON’23, the Seventh Annual Conference and the Fourth International Conference, is organised by the Department of Civil Engineering at the Federal Institute of Science and Technology (FISAT) in Kochi, India, in collaboration with the Indian Concrete Institute (ICI) - World Chapter, the Institution of Engineers (India) (IEI) - Kochi Local Centre, the Indian Green Building Council (IGBC) - Kochi Centre, the Indian Society for Technical Education (ISTE), and the Builders Association of India (BAI) - Angamaly Centre.

The conference will focus on the main theme “Quality and Sustainability in Construction Industry,” as well as 3D tracks that will examine breakthroughs and innovations in various fields of Civil Engineering. In the course of three days, the conference intends to become a platform for researchers to present, discuss and bring out the outcomes of the research and developments in the broad domain of Civil Engineering with focus on nature’s sustainability and the developments in infrastructure. SECON’23 will be a hybrid conference enabling participation of all delegates around the globe both in person or through online media making the conference accessible to all.

The previous editions of SECON conferences since 2017 have hoarded prodigious success and appreciation, and the organizing committee is confident that SECON’23 will bring conspicuous benefits to Researchers in Academia and Industry, Practicing Civil Engineers, Academicians, Architects and Developers, Postgraduate and graduate students. Selected papers from the conference will be published in the proceedings of SECON’23 to be published in Scopus indexed Springer publication “Lectures Notes in Civil Engineering.”

The aim of the three days conference is to thrust research outcomes from Research and Development agencies, Industry and Academia along the following ten themes:

- Advances in Building Information Modeling
- Advances in Earthquake Engineering and Soil Dynamics
- Applications of Machine Learning & Artificial Intelligence in Civil Engineering
- Applications of GIS and Remote Sensing in Infrastructure Management
- Construction Management - quality, safety and risk assessment
- Advanced Computational and Experimental Studies in Civil Engineering
- Innovative Materials and Sustainable Practices in Construction Industry
- Theoretical Investigation of Construction Materials
- Repair and Rehabilitation of Structures
- Urban and Transportation Infrastructure Planning and Management

JUNE 2023

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Federal Institute of Science and Technology (FISAT) is a private self-financing Engineering College established and run by the Federal Bank Officers’ Association Educational Society (FORES), in the heart of the Federal Bank Officers’ Association (FBOA), the sole representative body of the entire group of the Federal Bank. FISAT has a unique position in the Professional Education Sector in South India and has designed itself to work with the motto “Focus on Excellence” to carve a niche for itself in the ever-evolving world. Exemplified by the flying colors attained by its students, FISAT is affiliated to Abdul Kalam Technological University (APACkTU), Thrissur, Kerala. The Institute offers a Scrum B Tech programs, six M Tech programs, an MBA Program, and a PG programme. In testimony to the Institute’s academic excellence and overall growth, FISAT has been accredited with A Grade by the National Assessment and Accreditation Council (NAAC) and five undergraduate programs are accredited by National Board of Accreditation (NBA).

Important Dates

**Vision**

To become a world class professional institute with focus on excellence, moulding committed global professionals and technocrats who can meet the demand of business, industry and research.

**Mission**

M1: To transform into an advanced centre of technical education, which will, in turn bring out professionals with superior skills and social commitment.
M2: To provide state-of-the-art facilities to mould brilliant young talents, enabling them to take up challenging assignments in the highly competitive global scenario.

**About the Department**

The Department of Civil Engineering started offering B. Tech programme in Civil Engineering in the year 2011 with an intake of 60, which was increased to 120 in the year 2013. M Tech in Structural Engineering and Construction Management was added in the year 2014 with an intake of 24. A team of qualified faculty with ample experience is the highlight of the Department. Both the programmes emphasize on industry and research based projects, which would enhance their skills to become successful professionals for a holistic development.

**Vision**

Emerge as a Center of Excellence in Civil Engineering, fostering globally competent and socially committed Civil Engineers who will contribute to the nation building process.

**Mission**

M1: To provide a comprehensive education and training at the levels of materials, tools, planning, analysis, design and maintenance of structures.
M2: To encourage research and development in the field of civil engineering that are useful for the society.
M3: To mould the graduates with strong ethical and moral values and make them socially committed.

**Organising Committee**

Dr. Jiji Antony
Convenor, Professor & Head of Department, Dept of Civil Engg, FISAT
Ms. Beena B R
Convenor, Assistant Professor, (Special Grade), Dept of Civil Engg, FISAT
Ms. Rinu J Achison
Convenor, Assistant Professor, (Special Grade), Dept of Civil Engg, FISAT
Mr. Asha Joseph
Program Chair, Assistant Professor, Dept of Civil Engg, FISAT
Mr. Jawahar R
Convenor, Publicity & Public Relations Chair, Associate Professor, (Special Grade), Dept of Civil Engg, FISAT
Mr. Amin Thomas
Convenor, Finance Chair & Treasurer, Assistant Professor, (Special Grade), Dept of Civil Engg, FISAT
Mr. Sreekumar S
Convenor, Certificate Chair, Assistant Professor, Dept of Civil Engg, FISAT

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Professor and Chair, Dept. of Civil Engg., McMasters University, Canada
Rahimi A. Rahman
Senior Lecturer, Faculty of Civil Engineering Technology and Design, Universiti Malaysia Pahang, Malaysia
Dr. Mina Obiang
Associate Professor, Department of Sociology, University of Port Harcourt, Nigeria
Er. Shamas Neduvancheri
Marine Operations Consultant, Overseas AST Dubai, UAE

**Advisory Committee (Academia)**

Dr. G R Dodagoudar
Professor, Dept. of Civil Engg., IITM
Dr. Kaustubh Dasgupta
Associate Professor, Dept. of Civil Engg., IITG
Dr. B R Jayalekshmi
Assistant Professor, Dept of Civil Engg., IITK
Dr. A S Sajith
Associate Professor, Dept of Civil Engg., NITC
Dr. R Thenmozhi
Assistant Professor, Dept. of Civil Engg., NITC
Dr. Praseedak A I
Assistant Professor, Dept. of Civil Engg., NICL College of Engg, Polavandh

**Advisory Committee (Industry)**

Dr. K S Anand
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Er. Mathews CM
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Rahul P S
M.Tech, M.A.S.E, Managing Director, Regional Technical Head | Associate Director, RRS Consulting Engineers Ltd Ltd
Mr. Dinesh Chidera
Managing Director, Frills, Fact, Cochin
Er. Johnny K
M.Tech, M.A.S.E, AIR, Principal Consultant, Craft, Civil Engineering Consultants, Cochin

**Registration**

**Account Details**

Account Number: 174401000258660
IFSC Code: FDIR0003714
Bank Name: Federal Bank (Korma Nagar Branch)
Account Name: Department of Civil Engineering

**International Authors**

Sl. No. | Category (First Author) | Fee | Remarks
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1. | International Delegates from Industry | $150 | Attend Conference, Certificate of Presentation
2. | International Academicians | $125 | Attend Conference, Certificate of Presentation
3. | International Students | $75 | Attend Conference, Certificate of Presentation
4. | International Participants | $50 | Attend Conference, Certificate of Participation

**National Authors**

Sl. No. | Category (First Author) | Fee | Remarks
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1. | Delegates from Industry | $5000 | Attend Conference, Certificate of Presentation
2. | Academicians | $4000 | Attend Conference, Certificate of Presentation
3. | Research Scholars | $3500 | Attend Conference, Certificate of Presentation
4. | PG/UG Student Authors | $3000 | Attend Conference, Certificate of Presentation
5. | Additional Authors for the same paper (For every additional author other than first 3 authors) | $500 | Attend Conference, Certificate of Presentation
6. | Participants | $500 | Attend Conference, Certificate of Participation

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* There is no separate fee for publication
* *ASCE Members* will get 25% discount on the fee mentioned above

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**Visa**

Visa Application and Issuance

- Visa Application
- Visa Approval
- Visa Issuance
- Visa Processing

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