

SPEAKERS



AP. Ir. Dr. Lai SaiHin

Deputy Dean (Research), Faculty of Engineering,
University of Malaya, Kuala Lumpur



Dr. S. B. Hegde

President, Manufacturing of Kanodia Cement Limited,
Visiting Professor, Penn State University, USA



Prof. Ir. Dr. U. Johnson Alengaram

Professor & Director, Centre for Innovative Construction Technology
University of Malaya, Kuala Lumpur, Malaysia



Dr. Rathan Raj Rajendran

Senior Lecturer, Civil & Architectural Engineering Section
University of Technology and Applied Sciences, Salalah - Oman



Mrs. Indumathi M. Nambi

Professor & Researcher
IIT Madras



Dr. L. Elango

IIT Madras (Visiting professor)
Department of Civil Engineering



Dr. S. Kanmani

Professor & Director, Centre for Environmental Studies
Anna University, Chennai



Dr. A. Gnanamani

Sr. Principal Scientist, Head & Professor - AcSIR
Microbiology Lab, CSIR-Central Leather Research Institute
Adyar, Chennai



Dr. Nisha Radhakrishnan

Associate Professor, Department of Civil Engineering
National Institute of Technology, Tiruchirappalli.



Dr. P. T. Ravichandran

Professor & Head of Department,
Department of Civil Engineering, SRM University, Chennai



Dr. J. S. Sudarshan

Programme Director Environmental Sustainability,
School of Energy and Environment,
NICMAR University (Pune), Balewadi (NIA Post)



Dr. Dinesh Kumar KSA

Professor, Department of Civil Engineering
NITTR, Chennai.



Er. N. G. Muralidharan

Consultant, Radcrete, Pacific Pvt Ltd.,
Chairman, ICI Chennai Centre, Chennai



Sairam
INSTITUTIONS

ORGANISING COMMITTEE

PATRONS

Dr. Sai Prakash LeoMuthu

Chairman & CEO, Sairam Institutions

Dr. K. Porkumaran

Principal, Sri Sairam Engineering College

CONVENOR

Dr. S. Bhagavathi Perumal

Professor & Head / Civil, Sri Sairam Engineering College

ICI - PATRONS

Er. R. Radhakrishnan

Secretary General, Indian Concrete Institute, Chennai.

Mr. N. G. Muralidharan

Chairman, Indian Concrete Institute, Chennai.

ORGANIZING CHAIR

Prof. S. Kandasamy, Professor

Ms. R. Pamila, Associate Professor

Dr. N. Suganya, Associate Professor

Ms. A. Sujaatha, Associate Professor

Mr. S. Sivaramkrishnan, Assistant Professor

Ms. K. Vaidhegi, Assistant Professor

Ms. M. Sivaranjani, Assistant Professor

Mr. R. Devakandhan, Assistant Professor

Ms. N. Nisha, Assistant Professor

Mr. J. Rajesh, Assistant Professor

Organizing Secretaries

Ms. R. Subalakshmi, Assistant Professor

Tel : +91 89397 43375

Mr. Mohammed Ashick, Assistant Professor

Tel: +91 88707 83094

IRTCE-2K23

Department of Civil Engineering
Sri Sairam Engineering College, Sai Leo Nagar,
West Tambaram, Chennai - 600 044

Mobile: +91-94441 10224 / 91766 68894

Email : irtce2k23@gmail.com

hod.civil@sairam.edu.in



DEPARTMENT OF
CIVIL ENGINEERING

In Association with



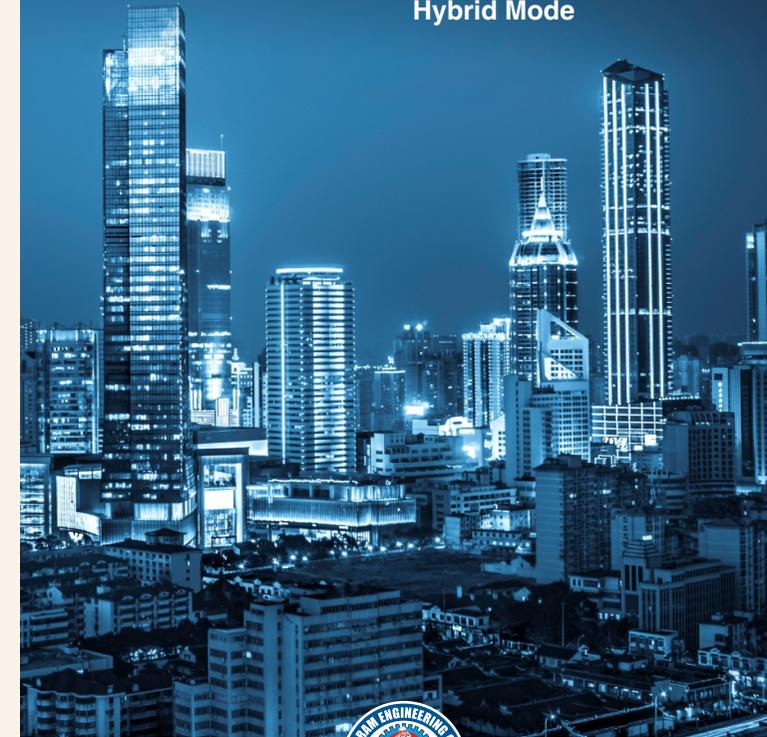
SECOND INTERNATIONAL CONFERENCE ON

INNOVATIVE RESEARCH TRENDS IN CIVIL ENGINEERING

IRTCE-2K23

16.11.2023 & 17.11.2023

Hybrid Mode



Sri

SAIRAM ENGINEERING COLLEGE

An Autonomous Institution | Affiliated to Anna University & Approved by AICTE, New Delhi

Accredited by NBA and NAAC 'A+' | An ISO 9001:2015 Certified and MHRD NIRF ranked institution

Sai Leo Nagar, West Tambaram, Chennai - 600 044. www.sairam.edu.in



ABOUT THE INSTITUTION

Sri Sai Ram Engineering College, Chennai an ISO 9001:2015 certified institutions was established by MJFLn.Leo Muthu in 1995 and all our eligible Engineering programs got accredited by National Board of Accreditation (NBA) and college has been accredited by NAAC with A+ grade. The college is situated in sylvan environment and offers Under Graduate and Post Graduate programs in Engineering, Technology and Management. The institution has grown and recognized among the reputed Institutions in Tamil Nadu in a short span of time with the highest degree of commitment and enthusiasm of the Staff and Management. With the motto, "Prosperity through quality education", the institution disseminates knowledge and entrepreneurship skills among the students and strives to achieve excellence in the field of Technical, Computer and Management education. The college is one among the top colleges in Tamil Nadu. Among Engineering colleges in India, Sri Sairam Engineering College, Chennai positioned 109 Rank in NIRF ranking - 2021. The college has Nine UG courses and Eight PG courses with a strength of 5000 plus students, highly qualified and dedicated Professors guiding various socially relevant projects funded through state and central government agencies like DST, AICTE, DRDO, CSIR, MHRD and publishing research outputs in various national and international journals.

ABOUT THE DEPARTMENT

The Department of Civil Engineering was started in the year 2007 and Eleven batches had passed out since inception, with 2 Gold medals and 81 University ranks to our credit. The department is equipped with fully established laboratories such as Soil Engineering Laboratory, Environmental Engineering Laboratory, Survey Laboratory, CADD Lab, Fluid Mechanics Laboratory and Strength of Materials Laboratory. The Association of Civil Engineering is regularly organizing seminars, guest lectures and industrial visits for the benefit of student community. Our Department has been a member of Indian Concrete Institute (ICI) both institutional level and students chapter with effect from October 2016. Many of the Alumni are placed at various reputed companies, pursuing higher studies and doing research in eminent institutions all over the world. The Industry - Institute collaboration promote the practical skill sets of staff and students.

The Department has highly qualified faculty members with good theoretical background and valuable industrial experience in diverse fields like Environment, Water Resources, and Geosciences, Geospatial Technology, Transportation, Structural engineering and Construction Management. The research findings are published in several peer reviewed International Journals with high Impact factor. The Department also signed MoU with various industries for collaborative works. Eminent professors from reputed Indian and Foreign Universities share their expertise for the benefit of the students.

ABOUT THE CONFERENCE

- This conference mainly concentrated on interdisciplinary platform for Academicians, Researchers, Industrial Experts and also Students to exchange their new ideas and application to establish research relations to meet the demand on National and International level. IRTCE - 2K22 aims to promote cooperation in various areas and an active role in improving academic standards by implementing a wide discussion on new construction materials, new construction technology related to IoT and AI which plays an important role in smart cities.
- Panel discussion will be arranged in the recent trend in civil engineering as a part of conference to face the challenges of tomorrow's technology. Key note address will be arranged in Advanced Structural Engineering, Advancements in Smart Cities, Sustainability related to IoT & AI, Transportation, Geo Science with application of GIS and Structural Engineering and Highway Engineering during conference. Industrial experts will contribute to express their views to have innovative collaboration with institute and industries.

THEMES OF CONFERENCE

- Construction and Management Engineering
- Geotechnical Engineering
- Structural Engineering
- Transport Engineering
- Hydraulics and Water Resources Engineering
- Water Engineering
- Environmental Engineering
- Coastal Engineering
- Earthquake Engineering
- Forensic Engineering
- Highway Engineering
- Civil Engineering with Architecture
- Remote sensing and GIS
- Infrastructure Engineering and Management.
- Geoinformatics.

GUIDELINES

- Papers submitted will not be previously published in any other forum. The authors who are willing to present the paper in the conference are requested to submit the full length paper in .doc format, not exceeding 6 printed / typed pages (IEEE single column format) for uploading the same in website on (or) before 09.08.2023.
- All submitted papers are scrutinized by the expert committee. The author of selected papers will be intimated through e-mail only. Presentation in the conference will be in the form of oral (or) posters.
- The abstract of the accepted papers will be published in the proceedings of the conference and the soft copy of all the accepted papers will be presented in e-proceedings as full length paper. Papers received after the deadline may not be included in the conference proceedings.
- The paper registered for the conference must be presented by one of the registered authors in the conference. Certificate of participation / presentation will be issued to the registered delegates / authors attending the conference.
- Research Papers are now invited from all over the world and submitted papers will be peer reviewed.
- The peer reviewed and selected papers to be presented at the conference.
- The selected papers will be published in SCOPUS indexed journals.
- Publication Charges as applicable need to be borne by the participants.

IMPORTANT DATES

Last date of submitting abstract	: 16.10.2023
Notification of Acceptance	: 25.10.2023
Last date for submitting full length paper (Tentatively)	: 05.11.2023
Last date for Registration with payment	: 06.11.2023

SPONSORSHIP

Industries/ R&D Organizations/ Academic Institutions are most welcome to display their products, posters of the products and other materials relevant to the theme of the conference. Please contact the organizing committee for further details before the last date of registration.

REGISTRATION FEES PARTICULARS

Industry Participants	:	₹. 500
Academicians, Research Scholars, Students	:	₹. 250

The registration fee is inclusive of

- Conference kit including abstracts of presentations
- To attend Conference Program and all plenary, parallel sessions
- Executive lunch
- High Tea in morning and evening
- Conference certificate