

## 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



### Dr. U. Johnson Alengaram,

Director, Centre for Innovative Construction Technology,  
University of Malaya, Malaysia.



### Er. N. G. Muralidharan

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



### Dr. K. Baskar

Professor, Dept. of Civil Engineering,  
National Institute of Technology, Trichy.



### Indumathi M. Nambi

Professor & Researcher  
IIT Madras



### Dr. Nisha Radhakrishnan

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



### Dr. T M Madhavan Pillai

Professor, Department of Civil Engineering  
National Institute of Technology, Calicut



### Dr. R. Sathyanarayan Sridhar

Professor, Department of Civil Engineering  
Coimbatore Institute of Technology, Coimbatore.



### Dr. G. V. Ramana

Assistant Professor, Department of Civil engineering  
National Institute of Technology, Warangal, Telangana

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Chairman & CEO Sairam Institutions

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Principal, Sri Sairam Engineering College,

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Professor & Head / Civil, Sri Sairam Engineering College

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Secretary General, Indian Concrete Institute, Chennai.

#### Mr. N. G. Muralidharan

Chairman, Indian Concrete Institute, Chennai.

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Mr. Pondeepak P, Assistant Professor

Mr. J. Rajesh, Assistant Professor

Dr. N. Suganya, Associate Professor



### ERTCE-2K22

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DEPARTMENT OF  
**CIVIL ENGINEERING**

FIRST INTERNATIONAL CONFERENCE ON

# EMERGING RESEARCH TRENDS IN CIVIL ENGINEERING ERTCE-2K22

04.08.2022 & 05.08.2022

*In Association with*



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## ABOUT THE INSTITUTION

Sri Sai Ram Engineering College, Chennai an ISO 9001:2015 certified institutions was established by MJF.Ln.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. ERTCE – 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 09.07.2022.
- 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 for submitting full length paper (Tentatively)	:	09.07.2022
Notification of Acceptance	:	15.07.2022
Last date for Registration	:	25.07.2022

## 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 FEE PARTICULARS

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

For paper Submission click on link below

<https://forms.gle/Snv77M3F7uePRpoU6>

or

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