



**International Conference on Recent Innovations in  
Applying Engineering Technologies in Civil,  
Materials and Architectural Design**

**November 15 & 16, 2024**

*Organized by*

**KALASALINGAM ACADEMY OF RESEARCH AND EDUCATION**  
Anand Nagar, Krishnankoil, Tamil Nadu, India

*In collaboration with*

**UNIVERSITAS ISLAM INDONESIA,** **SAMARKAND STATE**  
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## ABOUT KARE

Arulmigu Kalasalingam College of Engineering was established in 1984 by the pioneering Kalasalingam Anandam Ammal Charities. Located at the pristine foothills of the scenic Western Ghats, the college obtained the Deemed to be University status in 2006. The Institution has been serving the society for forty four long years and it caters to the needs of the students from all walks of the society. KARE offers UG programmes, PG programmes and Ph.D. programmes. It is the first Institution in India to introduce a special B. Tech programme in engineering for the differently able (speech and hearing impaired) students. The Institution has been re-accredited by NAAC with 'A++' grade in 2024. 8 UG & 3 PG programmes have been accredited by NBA under Tier-1. The Institution continues to do indefatigable work in getting projects and research centers. It has received DST funding to establish the National Center for Advance Research in Discrete Mathematics. KARE has got the state of the art International Research Center with splendid high end instruments for advanced research in material sciences and life sciences. Multistoried separate hostels with plenty of facilities provide accommodation to thousands of students. The institution has spent exorbitant sum to create a world class swimming pool and indoor auditorium for sports. Furthermore KARE gives utmost importance to intramural and extramural activities for the holistic development of the students. KARE is the first institution in India where 11 programmes have been accredited by ABET.

## ABOUT KALASALINGAM SCHOOL OF ARCHITECTURE

Kalasalingam School of Architecture (KSoA) started with the aim to provide world-class learning environment in architectural design; in the deeper areas of South Tamil Nadu. The Kalasalingam School of Architecture offers five years full-time Bachelor of Architecture (B.Arch.) and two years full-time Master of Architecture in Habitat Design (M.Arch.) and Ph.D. in Architecture. Architecture was started in 2012 with the approval of Council of Architecture, New Delhi.

## ABOUT DEPARTMENT OF CIVIL ENGINEERING

Started in 1984, the Department of Civil Engineering currently offers B.Tech. in Civil Engineering and M.Tech. in Structural Engineering. Apart from this, the department offers Ph.D. programme in all the disciplines of Civil Engineering. The department has performed wonderfully well over the past thirty six years and is now recognized as one of the major departments of excellence at Kalasalingam Academy of Research & Education. The department houses highly qualified Faculty members with Ph.D. degrees from National University of Singapore, IITs, Anna University and other reputed institutions. The department faculty

members have international exposure in structural, environmental, water resources, transportation and construction engineering & management. UG and PG programmes were accredited by NBA under Tier-I category of Washington Accord.

## OBJECTIVES OF ICRIAET 2024

1. Establish a platform aimed at fostering the sharing and discussion of recent innovations in applying engineering technologies across Civil Engineering, Materials Science and Architectural Design domains.
2. To facilitate the exchange of knowledge, ideas, and experiences among global researchers, practitioners and scholars.
3. To promote interdisciplinary collaboration and partnerships to tackle challenges and explore opportunities in these fields.
4. Will serve as a venue for presenting cutting-edge research findings, technological advancements and practical applications.
5. Will encourage networking and interaction among participants, fostering inspiration for further advancements in engineering technologies.

## ABOUT UII

The Department of Architecture (JARS) is one of the leading majors at the Islamic University of Indonesia (UII) with an enrollment ratio and admissions to exceed 1:10 for undergraduate architecture programmes. This department has three study programs (Prodi) consisting of the Bachelor of Architecture Program (SARS), the Architect Professional Program (PPAr) and the Master of Architecture Program (MARS). Until 2020, the SARS program has graduated more than 2500 alumni spread across the archipelago and the world who are involved in the world of architect and design professions widely. SARS enrolls less than 150 students every year who are assisted by 33 permanent doctor and master lecturers from domestic and Foreign Universities and supported by dozens of other teachers and professionals. Supported by a complete infrastructure and adequate library stuff (more than 15,000 collections).

## THEME

Advancing Engineering Frontiers: Integrating Innovation Across Disciplines

### CIVIL ENGINEERING

Bridge Engineering  
Computational Mechanics  
Eco-friendly Constructions  
Hydraulic Engineering

Coastal Engineering  
Computer Simulation  
Disaster Prevention and Mitigation  
Sustainable Building Materials

Geotechnical Engineering Applications of Geo-informatics  
Seismic Engineering Structural Rehabilitation & Retrofitting  
Surveying Engineering Water Supply and Drainage Engineering

### ENVIRONMENTAL SCIENCE & ENGINEERING

Clean Production Process Cultivation and Conservation of Forest  
Environmental Engineering Environmental Materials  
Environmental Planning and Assessment  
Geographic Information and Remote Sensing Science  
Hydrology and Water Resources Engineering

### ARCHITECTURE & BUILDING MATERIALS

Advanced Construction Materials Ecological Architecture  
Green Building Materials Behaviour and Place Making  
Building Energy Saving Technology Building Technology Science  
Landscape Planning and Design Urban and Rural Studies  
Traditional Construction Materials  
Climate Responsive Architecture Digital Architecture

TOPICS ARE NOT LIMITED AND NEW INNOVATIONS ARE WELCOME

## REGISTRATION DETAILS

### DELEGATES

	Indian Participant	Foreign Participant
	With paper	With paper
Student/Research Scholars	Rs.3500/-	USD 100
Faculty	Rs.4500/-	USD 150
Industry & R&D Organization	Rs.6000/-	USD 250
	Without paper	Without paper
Student/Research Scholars	Rs.1000/-	USD 50
Faculty	Rs.1500/-	USD 75
Industry & R&D Organization	Rs.5000/-	USD 125

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Beginning of Full paper Submission

April 20, 2024

Last date for Full paper submission

June 30, 2024

Notification of Acceptance after Review of paper

July 30, 2024

Last date for Conference Registration

September 30, 2024

Conference Date

November 15<sup>th</sup> & 16<sup>th</sup>, 2024

### CONTACT US:

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