



National Virtual Conference on Challenges and Sustainable Solutions for Civil Engineering Applications

18-12-2021

ORGANIZED BY
CIVIL ENGINEERING DEPARTMENT

K.S.R.M. COLLEGE OF ENGINEERING

UGC- AUTONOMOUS

Approved by AICTE, New Delhi & Affiliated to JNTUA, Ananthapuram

An ISO 14001:2004 & 9001: 2015 Certified Institution

Kadapa, Andhra Pradesh, India- 516 003

www.ksrmce.ac.in

in association with



Indian Concrete Institute

Vijayawada Chapter, AP

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QUALIFICATION:.....

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corresponding Address:

PAYMENT

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DATE OF

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Signature of the applicant

Signature of the Head

Duly filled and scanned copy should be sent to the mail on
or
before November 15, 2021

ceoutreach@ksrmce.ac.in

ABOUT KSRMCE

Our Engineering is a human activity aimed at creating new artifacts, algorithms, processes and systems that serve humans and in turn society. An engineer seeks to create what never did exist. It is a privilege to embark on a career related to engineering.

KSRMCE is committed to developing students in to well-rounded professional providing avenues for co-curricular and extracurricular activities and career counseling. The aim of the institution is to encourage curious and ambitious young minds by bringing them face-to face with teaching and practical training of very high standards. We whole heartedly welcome the companies looking for extraordinarily talented young professionals to visit our campus for a sustained relationship with respect to placements.

KSRMCE has been serving the rural community of Rayalaseema since 40 years and providing them a high quality of education to full fill their dreams. KSRMCE has made learning as accessible and affordable to all the categories of the community.

ABOUT THE DEPARTMENT

The Civil Engineering Department of KSRM College of Engineering is one of the five founding departments. The motto of the department is EXCEED (Excellence in Civil Engineering Education). The department provided valuable consultancy services to Roads and Buildings (R & B) Department of Kadapa to improve the Guvvalacheruvu Chat section to enhance safety, comfort, reduce road accidents, and travel time between Kadapa and Rayachoty. The civil engineering department is recognized as a research Centre by JNTUA, Ananthapuramu. AICTE sponsored 13.55 Lakhs under the MODROBS scheme to modernize and equip the latest digital equipment in Geotechnical Engineering Laboratory.

VISION OF THE DEPARTMENT

To produce high competent ethical Civil Engineering professionals with globally perspectives for catering to local, national and global needs and evolving the department to provide state-of-the-art consultancy, research & development in the field of Civil Engineering and its allied areas.

MISSION OF THE DEPARTMENT

M1: To produce high caliber Civil Engineers by providing rigorous hands-on education with innovative and original thinking in the minds of budding engineers to face the challenges of future.

M2: With continuous interaction of industries, research organizations and eminent professionals enriching the curriculum and setting the department as center of excellence for academics, consultancies and research in the field of Civil Engineering and allied areas.

M3: By inculcating the field activities, certificate programs, professional and ethical values to our students in order to make them prepare to face the competitive world.

BACKGROUND OF THE CONFERENCE

Use of sustainability principles in engineering has become an important component of the process of design and in this context, design and analysis approaches in civil engineering are being reexamined to incorporate the principles of sustainable designs and construction in practice. Developing economies are on the threshold of rapid infrastructure growth and there is a need to compile the developments in various branches of civil engineering and highlight the issues.

The Conference aims to provide an opportunity for faculty, research scholars, students and field engineers to meet together, present and exchange their knowledge on Challenges and Sustainable Solutions in Civil Engineering.

Themes of the conference

Modern construction materials
Concrete technology and structures
Earthquake resistant structures
Geotechnical engineering
Solid waste management
Intelligent transport systems
IoT Applications in civil Engineering
Artificial Intelligence in civil Engineering
Image processing and Machine learning in civil engineering
Remote sensing & GIS
Water resource engineering
Any interdisciplinary aspects

Schedule

- 10: 00 - 10:30 : Virtual Inaugural Session
- 10:30 - 11:00 : Ice Breaking Session
- 11:00 - 12:30 : Technical Session -01
- 12:30 - 13:30 : Lunch Break
- 13:30 -14:45 : Technical Session -02
- 14:45 - 16:00 : Technical Session -03
- 16:00 -16:30 : Concluding Remarks
- 16:30 - Valedictory Ceremony

KEYNOTE SPEAKER

Prof. A Vasan
Department of Civil Engineering
Birla Institute of Technology & Science, Pilani
Hyderabad Campus

MODE OF CONFERENCE

Virtual

The link will be share with registered participants before a day prior

Registration fee

UG & PG Students - Rs.250
Research scholars/faculty/industry - Rs. 500

*Publication fee for selected paper is Rs. 1500/-

Payment details

Registration fee and publication fee should be transferred to the SBI account **62185960933**
IFSC: SBIN0021589

*Please name the payment slip with your paper id and mail to **ceoutreach@ksrmce.ac.in**

Important dates

Registration date	15-11-2021
Submission of full length paper	25-11-2021
Notification of acceptance	05-12-2021
Date of the conference	18-12-2021

Selected papers will be published in conference proceedings with
Identifiers: ISSN, ISBN, DOI

*For any queries contact:

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