

PATRONS

Dr. K. S. Jaganath Rao, Pro-Chancellor, KL

Dr. Pardha Sarathi Varma, Vice Chancellor, KL

Dr. A. V. S. Prasad, Pro-Vice Chancellor(Administration), KL

Dr. N. Venkatram, Pro-Vice Chancellor (Academics), KL

Dr. K. Subbarao, Registrar, KL

Dr. Dr. Rama Krishna Rao T. K., Principal, K L College of Engineering

CONVENORS

Dr. P. Poluraju, Professor and Head, CE, KL

Dr. M. Achyutha Kumar Reddy, Asst. Professor, KL

Dr. J. D. Chaitanya Kumar, Asst. Professor, KL

Co - CONVENOR

Dr. Ashwin Raut, Assoc. Professor, KL

ORGANIZING SECRETARIES

Dr. A. Aravindan, Professor, KL

Dr. Sanjeet Kumar, Asoc. Professor, KL

Dr. Umesh Kumar Singh, Assoc. Professor, KL

Dr. Anu Mary Elias, Asst. Professor, KL

Mr. K. Hemantha Raja, Asst. Professor, KL

ADVISORY BOARD

Dr. Nitin Kumar Tripathi, AIT, Bangkok

Dr. Nasir Shafiq, UTP, Malaysia

Dr. Bashar S Mohammed, UTP, Malaysia

Dr. Christy Gomez, UTHM, Malaysia

Dr. Ary Setyawan, Universitas Sebelas Maret (UNS), Indonesia

Dr. Megat Azmi Megat Johari, USM, Malaysia

Dr. K. Sudhakar Reddy, IIT, Kharagpur

Dr. A. Mehar Prasad, IIT, Madras

Dr. G. V. Ramana. IIT, Delhi

Dr. Zulfiquar Ahmad, IIT, Roorkee

Dr. Ch. Mallikarjuna, IIT, Guwahati

Dr. S. T. G. Raghukanth, IIT, Madras

Dr. A. Murali Krishna IIT, Tirupathi

Dr. Sandeep Chaudhary, IIT, Indore

Dr. Neelima Satyam D, IIT, Indore

Dr. B. Krishna Prapoorna IIT, Tirupati

Dr. Madhuwanti Latkar, VNIT, Nagpur

Dr. M. A. Mohammed Aslam, CUK, Karnataka

Dr. Vivek Kapadia, Director, SSNNL, Govt. of. Gujarat

Dr. Y. V. Ramana, CEO, Vijaya Nirman

Dr. P. Srinivas, PD, NHAI

Er. K. Srinivas, ENC, Irrigation Dept. Govt. of A.P

Er. Ravi Kiran, MD, LIDIPL

Er. Suresh Reddy, MD, CRUX

TECHNICAL COMMITTEE

Dr. Ahmad B. Malkawi, Al-Balqa Applied University, Jordan

Dr. Desalegn Garima, Hawasa University, Ethiopia

Dr. Priyadatchini Karunakaran, SEGI University, Malaysia

Dr. Aaron Aboshio, Bayero University, Kano-Nigeria

Dr. Musa Adamu, Bayero University, Kano-Nigeria

Dr. Abdul Azeez Umar Raji, Bayero University, Kano-Nigeria

Dr. A. B. Harwalkar, PDACE, Kalaburgi

Dr. Shamsheer Bahadur Singh, BITS Pilani

Dr. Subhamoy Sen, IIT Mandi

Dr. Ramesh Nayaka, IIT Dharwad

Dr. Prachi Vinod Ingle, NIRMA University

Dr. S. S. S. V. Gopala Raju, RGUKT, A.P

Dr. Amarendra Kumar Sandra, RGUKT, AP

Dr. E. Arunakaranthi, JNTUA

ORGANIZING COMMITTEE

Dr. Ch. Hanumantha Rao, Professor, KL

Dr. B. Kameswara Rao, Professor, KL

Dr. A. Venkateswara Rao, Professor, KL

Dr. Lingeshwaran N, Asst. Professor, KL

Mr. K. Shyam Chamberlin, Asst. Professor, KL

Mr. Y. Himath Kumar, Asst. Professor, KL

Mrs. V. Sree Lakshmi, Asst. Professor, KL

Mrs. Ch. Mallika Chowdary, Asst. Professor, KL

Conference Website:

<https://www.kluniversity.in/ce/ICASCM-2023/index.html>

Send the Full-Length articles to : icascm2023@gmail.com

CONTACT

Dr. P. POLURAJU
Professor & HoD
Dept. of Civil Engineering, K L
Email: rajupolup@kluniversity.in

Mr. PRAVEEN PAWAR
Research Scholar
Coordinator
Cel : +91 8105972518

Conference Email: icascm2023@gmail.com

2nd International Conference on ADVANCES IN SUSTAINABLE CONSTRUCTION MATERIALS

1st and 2nd December 2023

(Online)

In Association with



ICASCM - 2023



(DEEMED TO BE UNIVERSITY)

CATEGORY 1
UNIVERSITY
BY MHRD, Govt. of India



KL ACCREDITED BY
NAAC WITH A++
GRADE

2023 NATIONAL
INSTITUTIONAL
RANKING
FRAMWORK
RANKED 28
AMONG ALL
UNIVERSITIES

43 YEARS OF
EDUCATIONAL
LEADERSHIP

www.kluniversity.in

KONERU LAKSHMAIAH EDUCATION FOUNDATION

KLEF Deemed to be University was established in 1980-81, as KL College of Engineering, which was upgraded to KL College of Engineering Autonomous in 2006 by UGC and was declared as a Deemed to be University in 2009 by UGC, MHRD Govt. of India. In 2012 as a Deemed to be University, the institution was accredited by NAAC with an A Grade and later in 2018, was re-accredited by NAAC with an A++ grade. In 2019 UGC, MHRD declared this institution as Category I Institution.

ABOUT THE DEPARTMENT

The Department of Civil Engineering was established in the year 1980. The department has been successful in producing excellent and well-trained graduates. Today we have more than 350 Students (UG & PG) and 45 faculty members drawn from premium institutes throughout India and abroad, out of which 6 Professors, 11 Associate Professors, and 28 Assistant Professors. The Department is offering Courses for Undergraduate programs in Civil Engineering, Postgraduate Programs in Structural Engineering, Construction Technology Management, and Geotechnical Engineering. The civil engineering department has more than 100 Ph.D. scholars pursuing research work in various disciplines of civil engineering.

ABOUT THE CONFERENCE

The Department of Civil Engineering KL Deemed to be University is glad to announce the International Conference on “**Advances in Sustainable Construction Materials (ICASCM 2023)**” on **1st and 2nd December 2023** at KL Deemed to be University, Andhra Pradesh, India. The ICASCM 2023 provides a two-day research extravaganza which will be having a perfect blend of keynote addresses and oral presentations via online mode through which an ample networking opportunity for collaborations and partnerships that can drive wide recognition and adds value to the enlisted career profiles from the world's brightest minds in engineering and technology. This platform will eventually benefit the young research minds to bring forth ideas and develop them into a solution for a future world.

ICASCM 2023 aims to pave the critical role of the Construction materials pathway toward sustainable

development and technology among different research domains of Civil Engineering. The conference will explore novel materials and methodologies for sustainable development and technologies.

Conduction of the conference will be done Virtually (Online mode). The online presentation will be held on the Cisco Webex platform.

THEMES OF THE CONFERENCE

Original research articles broadly with the scope of the conference topics, written in the English language are solicited. The topics of the conference aim to be a platform for reporting both fundamental and applied issues of structural engineering. The overall themes of the conference are classified into the following tracks.

- Supplementary Cementitious Materials
- Green Buildings and Green Architecture
- Innovation in Construction Materials and Structures
- Low Energy Materials
- Fiber based Materials
- Ceramic and Composite Materials
- Materials for Structural Applications
- Bio-Cementation
- Light Weight Concrete
- Porous Materials
- Refractory Materials
- Bamboo Reinforced Concrete
- Thermal Insulated Materials
- Life Cycle Assessment of Materials
- Innovative Cement-based Materials
- Advanced Composite Materials

WHO CAN ATTEND

Participation in this conference is open to faculty members, research scholars, postgraduate and undergraduate students from academics, research institutes, and working professionals.

PUBLICATION

All accepted papers will be published in the form of abstract volumes. The selected full-length papers will be published in **Scopus Journal (The details of the journal will be updated soon)**.

* Authors must ensure the similarity of the article does not exceed 15%.

IMPORTANT DATES

Full Length Paper Submission	: 30th September 2023
Final Paper Acceptance	: 31st October 2023
Registration last Date	: 15th November 2023
Conference Dates	: 1st & 2nd December, 2023

REGISTRATION INFORMATION AND FEES

- The registration fees for the 2nd International Conference on “Advances in Sustainable Construction Materials (ICASCM 2023)” are listed below.

Indian Author

Conference Registration & Proceedings	- ₹ 500/-
Presenting Author & APC	- ₹ 10,000/-

Foreign Author

Conference Registration & Proceedings	- Free of Cost
Presenting Author & APC	- \$ 125

Listener

Indian Participants	- ₹ 200/-
Foreign Participants	- Free of Cost

REGISTRATION DETAILS

Account Details: A/C No.: 62310916292
Account Name: Registrar, KLEF
IFSC Code: SBIN0021361
Branch: Vaddeswaram, Guntur - 522 302.

CHIEF PATRONS

Er. K. Satyanarayana, President, KLEF
Er. K. L. Havish, Vice-President, KLEF
Er. K. Raja Harin, Vice-President, KLEF