

A
Report of
ONE DAY
NATIONAL CONFERENCE
on

**“EMERGING TRENDS IN
SUSTAINABLE BUILT ENVIRONMENT”
(NCESBE)**

03RD FEBRUARY 2023

IN ASSOCIATION WITH

**Journal for Recent Advances in Built
Environment (JRABE)
ISSN 2583 – 3901**

Organized by

Department of Civil Engineering

**K.S.SCHOOL OF ENGINEERING AND
MANAGEMENT**

**#15, Near Vajrahalli, Mallasandra, Kanakapura road,
Bengaluru-560109**

Summary of the Conference:

The one day “National Conference on Emerging Trends in Sustainable Built Environment” (NCESBE 2023) with the theme “Emerging trends in Sustainable Built Environment” was organized by the Department of Civil Engineering, K. S. School of Engineering and Management (KSSEM), Bengaluru on February 03rd 2023 in association with Journal for Recent Advances in Built Environment (JRABE) with the aim of creating a platform for collaborative links between academicians and professional practitioners for the dissemination of knowledge, innovative ideas and experiences in the various fields of Sustainable Built Environment. Prospective authors were encouraged to contribute and support the conference through submission of their research papers.

There were twenty technical presentations in various themes related to sustainability and built environment. The Chief Guest for NCESBE 2023 was Shri. R. Sundaram, Chairman and Managing Director, Sundaram Architects Pvt. Ltd., who is renowned in the field of shell structures. The Conference was presided by Sri. R Rajagopal Naidu, President, Kammavari Sangham. Honorable Secretary of Kammavari Sangham Sri. R. Leela Shankar Rao; Treasurer Sri. T. Neerajakshulu Naidu; Dr. K V A Balaji, CEO, KSGI, Dr. K Rama Narasimha, Principal, KSSEM CEO, KSGI; Prof. B K Raghu Prasad, Formerly Professor, IISc; Department Heads, KSGI; Prof. Suresh K, Principal, KS Polytechnic, Dr.Sangappa, Director, Admissions and Public Relations; Dr. Harish R, Training and Placement Officer; Ar. Thrivikram N.B., Principal, K. S. School of Architecture were present for the inaugural function after which the technical sessions were continued for the day.

The book of abstracts unveiled contained the abstracts of peer-reviewed papers presented at NCESBE 2023 under various themes namely sustainable materials and construction, structural health monitoring climatic responsive building, construction management, disaster risk management, environmental pollution, waste management and urban and regional planning.

The process of building a structure has a substantial impact on the environment. It accounts for almost half of the global energy use, about a third of greenhouse gas emissions and about a tenth of our water use. With increased urbanization, these environmental impacts are expected to increase globally. Therefore, there is an urgent need for construction industry to follow a sustainable trajectory so that a balance is maintained between Environment and Performance of buildings. This conference provided a platform for researchers to share their insights, experiences and exchange ideas related to sustainable built environment. Emerging technologies and scientific advancements in various themes related to sustainable built environment were discussed.

Dr. G. Narayana, Professor & Head, Civil Engineering Department, SJC Institute of Technology and Dr. N. S. Kumar, Professor & Head, Civil Engineering Department, Ghousia College of Engineering were invited as the Session Chairs for the Conference.

Valedictory session was held after the end of the technical sessions, for which the Dr. K. V. A Balaji, Chief Executive Officer, K. S. Group of Institutions, Dr. Vijayalakshmi Akella, Prof. and Head of Civil Dept. and Dr. Arekal Vijay, KSSEM were present to address the gathering and issue certificates for the best paper as well as to all the participants of the conference. A few participants volunteered to express their gratitude to the organizers for conducting this Conference and thanked all the fellow participants for their valuable contributions.

PHOTOS OF NCESBE 2023



INAUGURATION



UNVEILING OF BOOK OF ABSTRACTS



PAPER PRESENTATION



GROUP PHOTO WITH PARTICIPANTS

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