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About the Department

The Department of Civil Engineering is committed towards excellence and innovation in education and research. Presently the Dept. of civil engineering has 6 research students who are encouraged to build a firm foundation by opting core courses & progress towards specialized topics like Building performance studies, Earthquake resistance structures, Structural health monitoring etc. The R&D also encourages writing research proposals, scientific papers leading to publications & also filing patents.

Department of Civil Engineering helps to facilitate the overall development of students and faculty by organizing Seminars, Workshops and Industrial tours to upgrade with recent trends and developments. The department also offers Consultancy services in testing of materials, Non-destructive testing & Soil-testing.

K.S SCHOOL OF ENGG. & MGMT.
KAMMAVARI SANGHAM (R) - 1952
(Affiliated to VTU, Bangalore & Recognised by AICTE, New Delhi, Accredited by NAAC)
#15, Mallasandra, off Kanakapura Road, Bengaluru - 560109
Tel: 080 - 28426124/3 Web: www.kssem.edu.in

Organizes

Department of Civil Engineering

A One Day National Conference

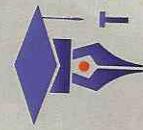
on

Emerging Trends in Sustainable Built Environment (NCESBE)

Conference Chair & Convener

Dr. Vijayalakshmi Akella
Professor & Head, Dept. of Civil Engg., KSSEM, Bengaluru

03 February 2023
In Collaboration with



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

Sponsored by



About Conference

The objective of this conference is to create 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. The conference seeks contributions from all the stakeholders in planning and securing a sustainable built environment for the future. Prospective authors are kindly encouraged to contribute and support the conference through submission of their research papers.

Call for Papers

It is indeed a pleasure for us to invite you to submit original and unpublished research outcomes in the form of technical paper to present and publish in NCESBE-2023. Authors are requested to submit only full length papers through e-mail to ncesbe2023@kssem.edu.in.

Note - Selected papers will be published in the peer reviewed Journal for Recent Advances in Built Environment (JRABE) with ISSN 2583-3901.

About the Journal

Journal for Recent advances in Built Environment (JRABE) is a new peer-reviewed journal. JRABE publishes original papers resulting from research in Civil and Architectural engineering in the built environment.

JRABE will strive to offer you the fastest possible speed of publication, without compromising on the quality of our peer review process. The eminent persons on editorial board are from reputed institutions, IIT's, CSIR Labs etc. It is a publication of TRISHNAAH Group.

Important Dates

Last Date for Submission of Abstract	05-11-2022
Abstract Acceptance	20-11-2022
Full Paper Submission along With Registration Fee	15-12-2022
Submission of Camera Ready Full Length Paper	10-01-2023
Conference Date	03-02-2023

* Awards *

- ★ Certificate of Appreciation for Best Paper presented in each track
- ★ Certificate of Participation for all Registered Participants

Main Theme

Emerging Trends in Sustainable Built Environment

Sub Themes

- ❖ Sustainable Materials and Constructions
- ❖ Analysis and Design of Structural Elements
- ❖ Structural Health Monitoring
- ❖ Fracture Mechanics
- ❖ Climatic Responsive Buildings
- ❖ Construction Management, Information modelling in BIM
- ❖ Disaster Risk Management
- ❖ Virtual and Augmented Reality
- ❖ Computational Methods
- ❖ Geotechnical Applications
- ❖ Water Resources Management
- ❖ Environmental Pollution and Waste Management
- ❖ Remote Sensing and GIS Application
- ❖ Urban and Regional Planning
- ❖ Transportation Systems

Registration

Delegates should complete the registration form and send soft copy by email along with the transaction receipt to ncesbe2023@kssem.edu.in

Registration Fee

Category	Students / Research Scholar	Academician / Researcher	Industry
Conference Registration + Publication in JRABE	Rs.1500/-	Rs.2500/-	Rs.3500/-

Payment

Registration fee to be paid through online mode



SCAN & PAY WITH ANY UPI APP

For registration, template, author guidelines and further details access the following link
<https://journals.trishnaah.com/conference-ncsesbe-2023/>

Contact Details

Ms. Sushma M - 9740775417
Mr. Manjunath B - 8217828727

Venue

Seminar Hall,
KSSA, Bengaluru - 109.

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



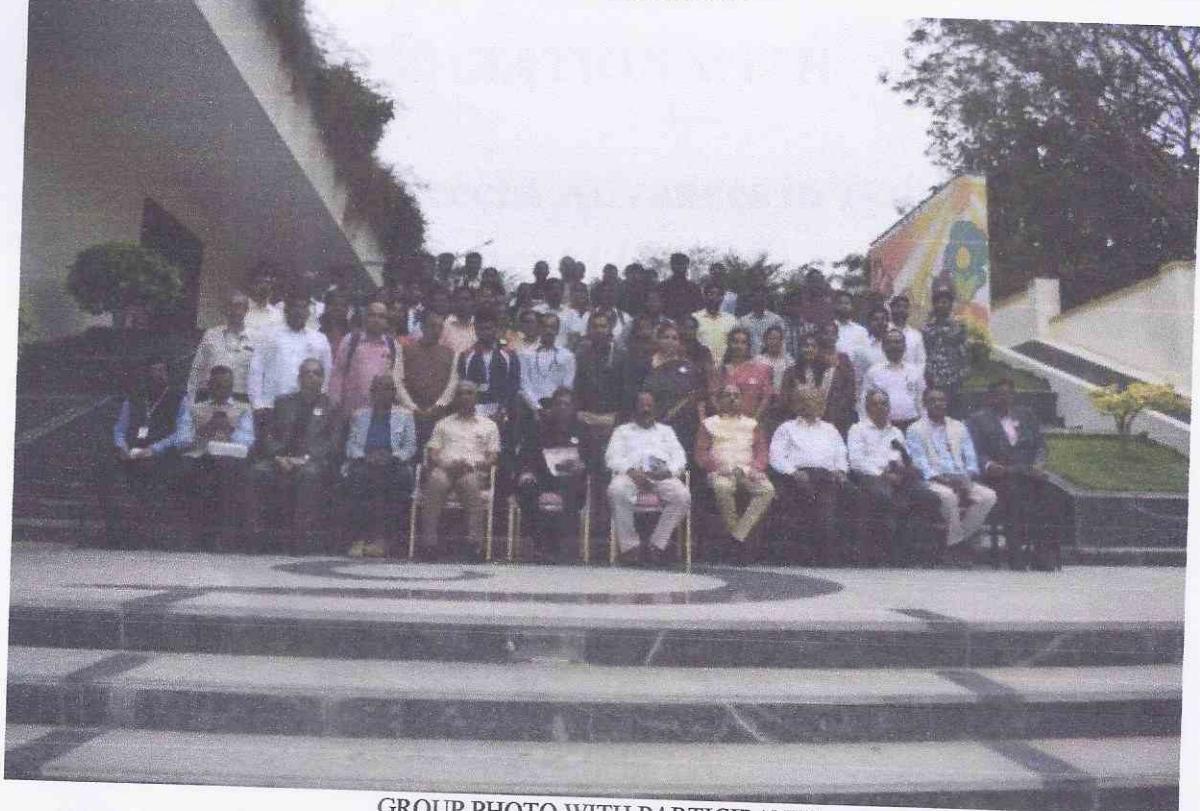
INAUGURATION



UNVEILING OF BOOK OF ABSTRACTS



PAPER PRESENTATION



GROUP PHOTO WITH PARTICIPANTS

Mr. Akelle
(Convener Signature)
Professor & Head
Dept. of Civil Engineering
K.S. Group of Institutions
Coll of Engineering & Management
Bangalore-560 062

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(Approved by AICTE, Affiliated to VTU & Accredited by NAAC)
#15, Mallasandra, Off. Kanakapura Road, Bangalore- 560109

DEPARTMENT OF CIVIL ENGINEERING

This is to certify that

Mr/Ms/Dr. RASHMI H. R.....has
presented a paper on "Agricultural & Industrial By-Products on SELF CURING
CONCRETE -A REVIEW"
in a One-Day National Conference on
"Emerging Trends in Sustainable Built Environment" (NCESBFE)
held on 3rd of February 2023

Vijay

I. C. Somayajulu

Welle

PRINCIPAL

CONVENER

CHIEF EXECUTIVE OFFICER

D E P A R T M E N T O F C I V I L E N G I N E E R I N G

ISSN 2583-3901



K.S. SCHOOL OF ENGINEERING AND MANAGEMENT, BANGALORE - 560109

DEPARTMENT OF CIVIL ENGINEERING

A ONE DAY NATIONAL CONFERENCE ON EMERGING TRENDS IN SUSTAINABLE BUILT
ENVIRONMENT (NCESBE-2023) ON 3RD FEBRUARY 2023

FEEDBACK FORM

Name of the Delegate: Shreyana N

Contact Number: 9740838091

E-mail Id: Shreyana98@gmail.com

College/ Organization: JSS STU

1. Was the Conference well organized?

Excellent Good Fair Poor

2. Was the work presented by Delegates relevant to the theme of the Conference?

Excellent Good Fair Poor

3. Was there dissemination of knowledge in the Conference?

Excellent Good Fair Poor

4. Did the Conference provide a good platform for networking with Researchers, Industry Professionals and Academicians?

Excellent Good Fair Poor

5. Would you be interested to attend other future programs organized by us?

Excellent Good Fair Poor

Shreyana N
Signature of the Delegate



K.S. SCHOOL OF ENGINEERING AND MANAGEMENT, BANGALORE - 560109
DEPARTMENT OF CIVIL ENGINEERING

**A ONE DAY NATIONAL CONFERENCE ON EMERGING TRENDS IN SUSTAINABLE BUILT
ENVIRONMENT (NCESBE-2023) ON 3RD FEBRUARY 2023**
DETAILS OF DELEGATES

SL.NO	NAME OF THE DELEGATES IN CAPTAINERS	TITLE OF THE PAPER	INSTITUTION/ COMPANY <i>Signature</i>
1	BHAVAN KASHYAP.K	An Investigation on the mechanical Properties of Concrete structures with Iron Carbon Steel- Industrial waste	K SIT
2	SUSHMITTHA A(Bentley) DITANUSH M.K. DITANUSH P DITANUSH SHADRI	Utilization of Silica -Manganese Slag as Coarse Aggregate in Concrete	PES University
3	THEERAS. S. M	Size effects of Recycled Aggregate on properties of SCC	RVITM
4	NANDANA . P.	Parametric Study on Behaviour of Rectangular and Trapezoidal box gated bridge using FEM	Government Polytechnic Ramanagara

STUDENT NAME	TOPIC	DEVELOPER
1 AJAY DAS	FORM WORK PRESENTATION	SOBHA DEVELOPERS
2 Dr Rashmi H. R. SALMAN BASHIR (P) SUHAAD ALTAF DAR.	Studies on early age characteristics of self cured coconut shell ash based concrete mixes.	KSEM
3 HRITHIK R	Retrofitting with Bonded fiber T5 graver from ver...!! A review	BIT
4 V. Shilwala	Delay analysis	NTC MAR
5 CHETTHAN KEMAPP S	Jagoruchi Based Gated Relational Analysis of Bond Strength in RC column	DSET
6 NAPHLA L K HONGJEE Gethanjali H.L, Pranav Kumar, N.V, Yashwanth Reddy	REVIEW ON SUPPLEMENTAR MATERIALS ON THE DEVELOPMENT OF HIGH PERFORMANCE CONCRETE	SJCIT

11	Ar. Deepali Patil	Planning strategies for peri urban area development near PCMC Energy efficient strategies for midrise blocks	Dayanandagar college of Architecture Shrijiaraj N
12	Shrijana. N	Comparative analysis of compression of masonry units with geopolymer and concrete blocks with and without Technology Reinforcement	TSS Science and Technology University
13			
14			
15			
16			