National Conference on Sustainable Construction & Environmental Challenges (NCSCEC 2022)

January 8, 2022

Civil Engineering Department,

Faculty of Engineering & Technology

Mandsaur University, Mandsaur MP

Introduction

The objective of NCSCEC is to invite all the Academics, Researchers, and Industrialist all over the India to participate and discuss latest achievements from all fields of science & Technology mainly in civil and environmental engineering domain. The main goal of the conference is to provide a forum for high quality reports on the state-of-the-art Theory, and new innovative ideas from Science & Technology. The initiative provides a focused and highly interactive forum where both researchers and technologists have the opportunity to present and discuss leading research topics, developments and future directions in their area of interest. The importance of conference is its vision to establish scientific contacts between research teams and scientists from different countries for future joint research collaborations.

NCSCEC provides the opportunity to discuss topics with colleagues from different spheres such as academia, industry, instrumentation and computer manufacturing companies, public and private research institutions and organizations. NCSCEC promotes the development of relationship between all reasons of country. The conference proceedings will be published electronic form with ISBN number. The official Conference language is English. All materials concerning the NCSCEC 2022 should be written in English.

About Faculty of Engineering & Technology Mandsaur University Mandsaur MP

Mandsaur University is a vibrant educational institution with over two decades of experience in imparting quality education under 11 institutes spread over 900,000 square feet of campuses. It has over 300 faculty members to train young minds in diverse disciplines like Management, Engineering, Pharmacy, Agriculture, Ayurveda, Fashion Design, Tourism & Hospitality, and Physical Education. It has a vision to play a transformational role in producing future-ready professionals to serve the society. Faculty of Engineering & Technology MU Mandsaur offers different course starting from diploma courses, B. Tech & M. Tech courses to PhD in courses in Engineering (CSE, Electrical Engineering, Civil Engineering & Mechanical Engineering)

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Call for Papers

Authors are invited to submit full length papers describing original research in prescribed format. Areas of interest include, but are not limited to the following emerging technologies.

Structural Integrity of Additive Manufactured Components
Creep and High Temperature Failure
Fracture and Fatigue in Materials and Structures
Fracture Mechanics at Multiple Length Scales
Fracture and Fatigue of Structural Adhesives
Integrity of Concrete Structures Against Blast and Ballistic Loading
Material Behavior Characterization using Miniature Specimens
Material Behavior Characterization Under High Strain Rate Loading
Multiscale Modeling of Creep, Fracture, and Fatigue
Non-destructive Testing and Evaluation for Structural Integrity Assessment
Nuclear Reactor Safety, Radiation and other Extreme Conditions
Reliability of coatings
Role of Multiscale Plasticity in Material and Structural Integrity
Reliability Aspects in Medical Devices and Implants
Structural Integrity of Weldments and Welded Structures
Structural integrity of Gas Turbine Engine Materials
Damage and Failure modeling in Composite Materials
Applications of Data Science, Artificial Intelligence, Machine Learning, ICME for Design and Life Prediction
Environmental Engineering
Water Resource Engineering
Remote Sensing, GIS and Smart cities
New technologies & methods in civil Engineering
AI & ML in Civil Engineering
Building Structure and Bridge Engineering
Coastal Engineering
Concrete Structures
Geological Engineering
Geotechnical Engineering
Hydraulic Engineering
Material Quality and Control
Metallic Structures
Monitoring and Control Of Structures
Reliability and Durability of Structures
Structural Analysis and Design
Structural Rehabilitation, Retrofitting and Strengthening

- ***Paper may be sent in IEEE format (2 Column Format) at conference's official e-mail Id:*** **NMCEMC2022@meu.edu.in**
- **Paper length maximum 8 pages**

Important Dates

Description	Dates	Status
Last Date for paper Submission	**26 Dec. 2021**	Open
Notification of Acceptance	**28 Dec. 2021**	Open
Last date for Registration	**30 Dec. 2021**	Open
Last date for camera ready paper	**30 Dec. 2021**	Open
Release of final Schedule of Conference	**5 January 2022**	Open
Conference Dates	**8 January 2022**	Open

Proceeding Publications

All accepted and presented papers of the conference by duly registered author(s), will be published in E-Proceeding with ISBN number.

Registration Details

Categories	Outsider	MU Staff
Academician	**750**	**550**
PG/Ph.D. Scholar	**750**	**550**
UG Students	**500**	**350**
Attendees	**500**	**350**

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