



BITS Pilani
Pilani Campus
Department of
Civil Engineering



**STRUCTURAL
ENGINEERING
INSTITUTE**
GRADUATE
STUDENT
CHAPTER
(BITS PILANI)

ACSGE 2024

Third International Conference on Advances in Concrete, Structural & Geotechnical Engineering

February 26 – 28, 2024

FIRST ANNOUNCEMENT AND CALL FOR PAPERS

CONFERENCE VENUE → BITS Pilani – Pilani Campus (Rajasthan) 333 031, INDIA

ABOUT BITS PILANI

Birla Institute of Technology and Science, Pilani (BITS Pilani), is one of India's leading higher education institutes and a deemed university under Sec. 3 of the UGC act. Our campus at Pilani (Rajasthan) was set up in technical collaboration with MIT (USA), under the Ford Foundation Grant and later was deemed to be a university in 1964.

Covered with wooded paths and spread over 328 acres, the campus is self-contained and houses all the amenities and buildings that befit an institute of international standards. The programmes are fully residential with 14 hostels for boys and one hostel complex for girls. Around 5000 students live on campus along with 350 faculty members, their family and a vast pool of support staff.

The campus also boasts of a magnificent library complex with a floor area of 65,000 sq. ft and a rich collection of about 2,30,000 volumes of books and manuscripts.

An intellectual powerhouse, the campus has successfully attracted healthy amounts of research funding from government grants and private bodies. The research facilities are wide ranging, with a number of laboratories focused on all aspects of science and technology. The campus boasts of a state-of-the art network that provides connectivity to the entire institute.

ABOUT THE CONFERENCE

Recent advances in concrete science, structural and geotechnical materials, computational and experimental techniques, and the gradual diffusion of certain interdisciplinary areas with structural mechanics and engineering as well as geotechnical engineering have nearly revolutionized. The expansions of civil engineering infrastructures such as dams, railways, highways, bridges, mass transit systems, ports, and airports contribute significantly to the movement of raw materials, agricultural products, and, most importantly manpower from producing regions to urban areas. These expansions depend mainly on the technological developments in concrete science and structural and geotechnical engineering. Many problems in contemporary structural and geotechnical engineering are looked upon, solved, and extended for use in the context of soil-structure interaction, construction, structural materials and geometry, and other uncertainties. Therefore, there is an urgent need for researchers and practicing engineers working in the broad field of concrete technology, and structural and geotechnical engineering, to keep abreast of the latest trends and developments in these fields with the aim of updating their analytical and practical skills. Therefore, considering a pressing need to update the latest developments in the above fields, the third international conference on Advances in Concrete, Structural & Geotechnical Engineering (ACSGE) is being organized by the Department of Civil Engineering, Birla Institute of Technology & Science, Pilani (Rajasthan) during February 26-28, 2024.

THEMES

- Advanced composite materials
- Advanced computational techniques for structures
- Applications of nanotechnology in civil engineering
- Bridge engineering
- Composite structures
- Concrete technology
- Fatigue life of structures
- Fire resistant structures
- Functionally graded materials & structures
- Geotechnical processes
- Ground improvement techniques
- Offshore structures
- Performance based design of structures
- Precast prestressed concrete structures
- Seismic design & construction
- Soil structure interaction
- Structural health assessment and rehabilitation
- Sustainability of construction, design, and management

CALL FOR PAPERS – FIRST ANNOUNCEMENT

Abstract

Prospective authors are hereby invited to submit a 1-page extended abstract on the conference website. Full contact information (name, affiliation, e-mail ID and Tel/Fax number) of the corresponding author must be provided. Abstracts will be reviewed by the technical committee, and the acceptance of abstracts will be notified on the conference website. Templates for the preparation of abstracts and full length papers will be made available on the conference website.

Full-Length Paper

A maximum of 15 page manuscript soft copy (in the form of an MS word document) should be uploaded on the conference website. The paper should be strictly well within 15 pages fully inclusive of text, illustrations and references. The manuscript would be peer-reviewed and authors would then be informed of the comments/review/suggestions through the review process for the subsequent submission of the revised manuscript. Conference participants will be provided with e-proceedings.

Publications

It may be noted that all accepted papers will be published as book chapters in Springer Nature Proceedings in Materials.

OFFICIAL LANGUAGE

English will be the official language of the conference.

AN APPEAL TO THE PROSPECTIVE SPONSORS

Private, semi-Government and Government organizations involved with manufacturing, construction, consultancy, R&D and other areas related to Concrete, Structural and Geotechnical Engineering are requested to sponsor, co-sponsor or support ACSGE-2018. Details of sponsorship are provided below.

Category	Sponsorship amount	Entitlement
Platinum Sponsor	₹2,00,000	6 free delegates
Gold Sponsor	₹1,00,000	4 free delegates
Silver Sponsor	₹50,000	2 free delegates
Other Sponsor	₹30,000	1 free delegate

Names of organizations in any one of the above categories will appear in the conference website & proceedings and their contributions would be duly acknowledged & displayed at the conference venue. Additionally, they would have the freedom to display their products and services at the conference website and venue. Organizations willing to come forward and financially support ACSGE-2024 are requested to get in touch with organizing chairman and/or secretaries.

REGISTRATION FEE

Early registration (on or before November 15th, 2023), Late registration (after November 15th, 2023)

Delegates from Abroad	US \$250	US \$300
Accompanying Person	US \$100	US \$100
Delegates from India	₹6000	₹7000
Accompanying Person	₹1000	₹1000
Indian Students	₹2500	₹3000
Foreign Students	US \$150	US \$175

IMPORTANT DATES

Submission Deadline for Abstracts	June 15, 2023
Notification of Acceptance of Abstracts	August 1 st , 2023
Submission of Full-length Papers	August 30 th , 2023
Submission of Papers after Review	November 1 st , 2023

ACCOMMODATION

Accommodation will be made available in the Institute Guest House (VFAST), Institute Hostels and guest houses/hotels at Pilani on Payment basis on prior request subject to availability.

LEADERSHIP

Prof. (Dr.) Souvik Bhattacharyya
Vice-Chancellor, BITS Pilani

Prof. Sudhirkumar Barai
Director, BITS Pilani - Pilani Campus

Organizing Chairman

Prof. Shamsher Bahadur Singh
Senior Professor
Department of Civil Engineering
Email: acsge2024@pilani.bits-pilani.ac.in
Email: sbsingh@pilani.bits-pilani.ac.in

Organizing Secretaries

Dr. G. Muthukumar
Department of Civil Engineering
Dr. Nishant Roy
Department of Civil Engineering

BANK DETAILS:

Beneficiary Name :	Birla Institute of Technology & Science, Pilani		
IFSC CODE No.	UTIB0001188		
Bank Account No.	918010089946355		
Bank	AXIS BANK LTD		
City Branch	PILANI	Branch Code →	001188
MICR No.	333211177	Swift Code →	AXISINBB

CONFERENCE WEBSITE

The information will get updated periodically and will be accessible through the following website:

<https://www.bits-pilani.ac.in/pilani/ACSGE2024/home>

