

IGC 2024

Indian Geotechnical Conference 2024



'Geotechnical Engineering for a Sustainable Tomorrow' [GEST 2024]

19 20 21 Dec.2024

Organised by
Indian Geotechnical Society,
Aurangabad Chapter and
Civil Engineering Department,
MIT, Chhatrapati Sambhajanagar
(Aurangabad) - 431 010 (MS) India

Dr. M. S. Dixit
Associate Professor, MIT
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ABOUT MIT, CHHATRAPATI SAMBHAJINAGAR

Gramoudyogik Shikshan Mandal (GSM), Chhatrapati Sambhajnagar (Aurangabad's) MIT group of academic and research institutions has been fulfilling education and training needs and serving society for over 4 decades. MIT balances academic education with a hands-on experimental learning approach. MIT Chhatrapati Sambhajnagar is an Autonomous institute and is approved by UGC Permanently. Affiliated to Dr. Babasaheb Ambedkar Marathwada University, Chhatrapati Sambhajnagar. NAAC has accredited the institute with 'Grade A'. The programs of Mechanical Engineering and Computer Science & Engineering at MIT are accredited by National Board of Accreditation. MIT runs ten full-time undergraduate and nine postgraduate programs in Engineering, Technology and Management. Additionally, MIT has a Ph.D. research center for Civil, Mechanical, Electronics & Telecommunication, and Computer Science & Engineering. MIT, is known to be one of the premium institutes in the state.

Our Institute is having more than 5000 students and more than 275 qualified, experienced, and dedicated faculty members striving for the educational enrichment of our students.

VENUE

The conference will be held at MIT Campus, Chhatrapati Sambhajnagar (Aurangabad) during 19th -21st December, 2024



ABOUT CIVIL ENGINEERING DEPARTMENT

This department is one of the pioneering departments since the commencement of the institute in 1984. Department has made remarkable progress since 1984 with an intake capacity of 180 for under-graduate courses and 18 for post graduate course in Structural Engineering.

The faculty members have expertise from several domains of Civil Engineering. The department of Civil Engineering has been offering consultancy in Geotechnical Engineering, Material testing, Third party inspection, Structural Audit (NDT) to PWD, AMC, Maharashtra Jeevan Pradhikaran, Semi-government organization, private sectors and local Contractors and Builders. The department has well equipped laboratories for conducting academic and consultancy activity.

ABOUT IGS AND IGC 2024

Indian Geotechnical Society (IGS) which is a prestigious professional body committed to the advancement and promotion of Geotechnical Engineering in India. The society was founded as the "Indian National Society of Soil Mechanics and Foundation Engineering" in 1948 by a group of engineers and scientists who identified the need for a platform to address the various challenges and advancements in the field of Geotechnical Engineering. Over the years, the IGS has expanded its influence to become one of the most renowned and respected organizations in the field of Geotechnical Engineering in India. The IGS has a vast network of Local Chapters and Student Chapters across the country. IGS collaborates with numerous national and international organizations and institutions to foster knowledge and exchange ideas in Geotechnical Engineering. The Society attained affiliation with the International Society for Soil Mechanics and Geotechnical Engineering (ISSMGE)

The Indian Geotechnical Society (IGS) aims to promote collaboration among engineers and scientists to enhance and disseminate knowledge in the fields of Soil Mechanics, Foundation Engineering, Soil Dynamics, Engineering Geology, Rock Mechanics, Snow and Ice Mechanics, and related fields, including their practical applications. The IGS serves as a shared platform for researchers, academicians, designers, construction engineers, equipment manufacturers, and others interested in geotechnical activities.

The organizing Committee of the conference invites the original research and field case study papers from the researchers, academicians, industry practitioners for the presentation in the Indian Geotechnical Conference -2024 (IGC 2024) during 19th to 21st December 2024 at MIT, Chhatrapati Sambhajnagar.

ABOUT IGS AURANGABAD CHAPTER

Indian Geotechnical Society established its 46th Local chapter at Aurangabad on 3rd October 2019 at Marathwada Institute of Technology, with the aim of catering to the needs of Professionals and students of Marathwada Region thereby promoting co-operation amongst engineers and scientists for the advancement and dissemination of knowledge in the field of Civil Engineering. The Chapter has conducted 6 STTP of one week, 2 conferences, more than 20 expert lectures, webinars, quiz competition, project competition and three days workshop. IGS Aurangabad Chapter was awarded IGS AIMIL Best Local chapter award for the year 2021. IGS Aurangabad student chapter was inaugurated on 22nd Jan. 2022.

231st IGS Executive Committee meeting was conducted on 11th June 2022 at Marathwada Institute of Technology, Aurangabad.

Also hosted the prestigious 'Ninth Indian Young Geotechnical Engineers Conference' (9IYGEC) at MIT, Chhatrapati Sambhajnagar (Aurangabad) on 21-22 March 2023. 234th IGS Executive Committee meeting was conducted on 21st March 2023 at MIT, Chhatrapati Sambhajnagar (Aurangabad).

IGS Aurangabad chapter received national level appreciation award for organising 9 IYGEC 2023 successfully. The award was presented by IGS National President Dr. Anil Joseph & National Secretary Dr. A. P. Singh at a grand event of IGC 2023 held at IIT Roorkee on 16th Dec. 2023

CONFERENCE THEME

'Geotechnical Engineering for a Sustainable Tomorrow' [GEST 2024] Conference sub-themes:

- Geotechnical And Geophysical Investigation
- Foundations – Shallow & Deep
- Earth Retaining Structures
- Geosynthetics And Reinforced Soil Structures
- Forensic Geotechnical Engineering
- Soil Dynamics And Geotechnical Earthquake Engineering
- Ground Improvement Techniques
- Physical And Numerical Modelling
- Geo - Environmental Engineering
- Rock Mechanics, Tunnelling And Underground Structures
- Slope Stability And Landslides
- Transportation Geotechnics
- Uncertainties, Risk And Reliability In Geotechnical Engineering
- Soil Structure Interaction
- AI/ML/DL Application In Geotechnical Engineering
- Geotechnics for sustainable cities
- Geomaterial Characterisation, Site Investigation And Exploration.

IMPORTANT DATES

Last Date of Abstract Submission	30.04.2024
Intimation of Abstract Acceptance	15.06.2024
Last Date for Full Paper Submission	20.08.2024
Intimation of Paper Acceptance	20.09.2024
Submission of Camera Ready paper	05.10.2024
Last Date for Registration of Accepted Papers	05.10.2024

REGISTRATION FEES

Delegate Category	Upto 31st Oct. 2024	After 31st Oct. 2024
IGS Member	INR 6500	INR 7000
Non-IGS member	INR 7000	INR 8000
Foreign Delegates IGS member Non IGS member	USD 400 USD 450	USD 450 USD 500
SAARC Country delegates	INR 7500	INR 8500
Senior Citizens(Retired)	INR 2500	INR 3000
Accompanying person	INR 2000	INR 2500
PG Students/ Research Scholars	INR 3000	INR 3500

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INDIAN GEOTECHNICAL CONFERENCE – 2024

For Sponsorship/Stall Booking/Advertisement in Souvenir

Sponsorship Category	Sponsorship Amount (INR)	Privileges
Platinum	10,00,000/-	6 conference delegates, 3 Exhibition stalls 3m x 3m each (Space, Furniture, Electricity) 3 Banners in key areas, 10 minutes corporate presentation, Logo on official conference banners, one promotional item and one printed brochure supplied by sponsor in the conference bag
Diamond	7,00,000/-	5 conference delegates, 2 Exhibition stalls 3mx3m each (Space, Furniture, Electricity) 2 Banners in key areas, 07 minutes corporate presentation, Logo on official conference banners, one promotional item and one printed brochure supplied by sponsor in the conference bag
Gold	4,00,000/-	4 conference delegates, 1 Exhibition stalls 3mx3m each (Space, Furniture, Electricity) 1 Banners in key areas, 05 minutes corporate presentation, Logo on official conference banners, and one printed brochure supplied by
Silver	2,00,000/-	3 conference delegates, 1 Exhibition stalls 3mx3m each (Space, Furniture, Electricity) 03 minutes corporate presentation, Logo on official conference banners, and one printed brochure supplied by sponsor in the conference bag
Bronze	1,00,000/-	2 conference delegates, Logo on official conference banners, 1 Exhibition stalls 3mx3m each (Space, Furniture, Electricity) and one printed brochure supplied by sponsor in the conference bag
Well Wisher	25,000/-	01 conference delegate.
Conference Kit Sponsor	6,00,000/-	4 conference delegates, 2 Banners in key areas, Logo on official conference banners, and one printed brochure supplied by sponsor in the conference bag
Conference Dinner Sponsor	6,00,000/-	4 conference delegates, 2 Banners in key areas, Logo on official conference banners, and one printed brochure supplied by sponsor in the conference bag
Stall Details in Exhibition		
IGS Associates Members & Non-IGS Associates Members	1,00,000/-	2 delegates 1 Exhibition stalls 3mx3m each (Space, Furniture, Electricity) and 1 printed brochure supplied by sponsor in the conference bag

RATES FOR SOUVENIR

Cover Page Outside	Rs. 50,000/-
Cover Page Inside	Rs. 40,000/-
Full Page	Rs. 20,000/-
Half Page	Rs. 10,000/-

PLACES TO VISIT IN & NEAR AURANGABAD CITY



Ellora Caves



Ellora Caves



Daulatabad Fort



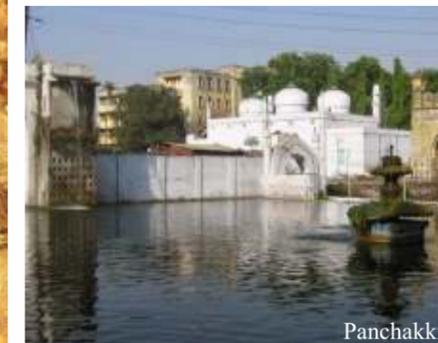
Ajanta Caves



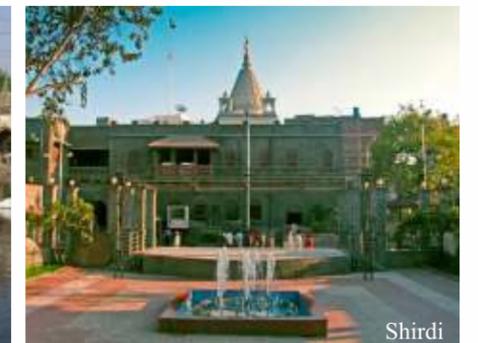
Ajanta Caves



Shirdi



Panchakki



Shirdi



Aurangabad Caves



Bibi ka Maqbara



Shani Shignapur

..... and many more....



IGC 2024 Indian Geotechnical Conference 2024

3rd INDO - JAPAN PRE-CONFERENCE WORKSHOP on "HIGH SPEED TRAINS AND CHALLENGES ASSOCIATED" on 18th Dec. 2024



About

A Pre - Conference workshop on " High Speed Trains and Challenges Associated " is organized on 18th December 2024. The workshop will address the latest developments in the design of High speed trains and Challenges Associated.

High speed trains challenges faced

The development of high speed trains poses several challenges. Major challenges are maintaining stability and safety at high speed, minimization of noise and vibrations to ensure passenger comfort and safety, optimization of aerodynamics, suitable development of track and infrastructure and ensuring safety and reliability of the train. Overcoming these challenges will outcrop a world class high speed train system as developed in Japan.

Who Should attend ?

The workshop will be beneficial for academicians, industry practitioners, research Scholars and students.

Delegate Category	Early bird up to 31 st Oct 2024	After 31 st Oct 2024	Contact persons
Students	₹700	₹800	Prof. Neelima Satyam Convener, IIT Indore Prof. S.K. Prasad Co - Convener ,VVCE Campus, Mysore Dr. Manish S. Dixit Organizing Secretary, MIT Chhatrapati Sambhajinagar
Others	₹1000	₹1200	

Organised by :



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and
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Visit us : www.igc2024mit.com

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