

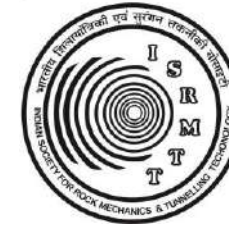
# INDOROCK 2025

## 10<sup>th</sup> Indian Rock Conference

Date: 5-7 November 2025

Venue: Hotel Radisson Blu, Dwarka, New Delhi

सिषक्त्तु माता मही रसा नः



### Indian Society for Rock Mechanics and Tunnelling Technology (ISRMTT)

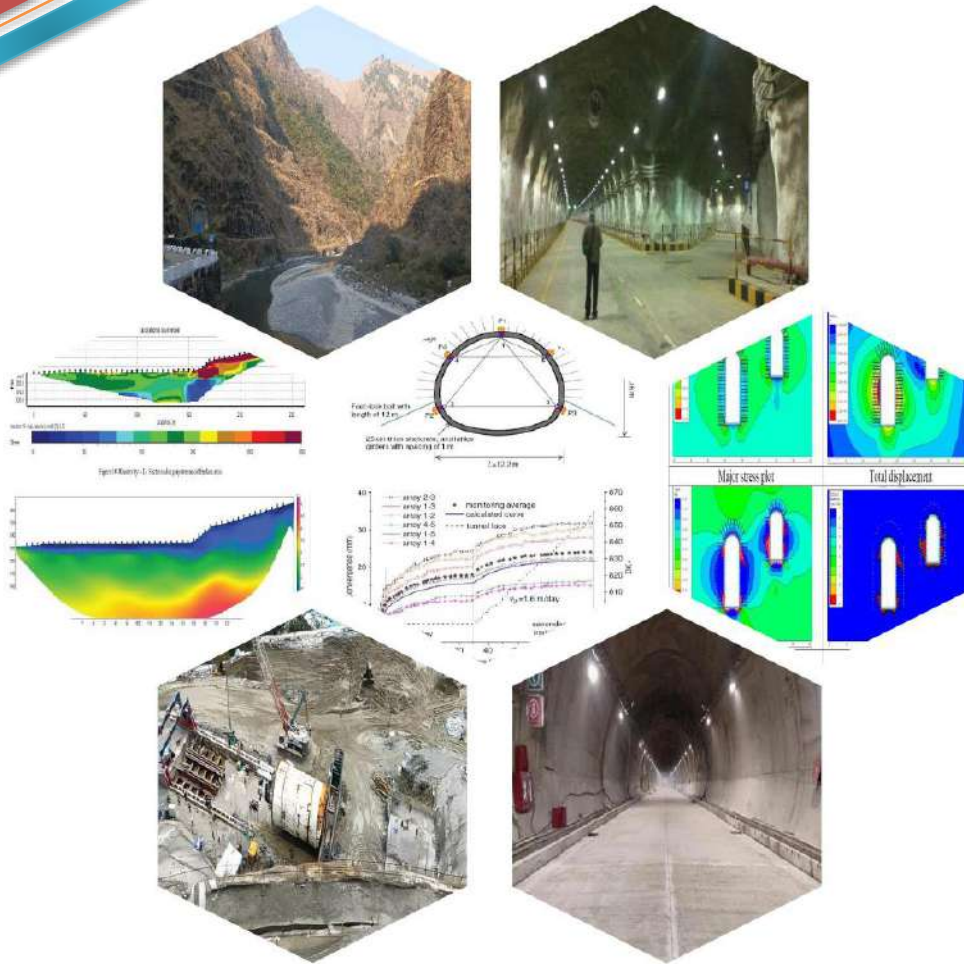
*in association with*



### Central Soil and Materials Research Station (CSMRS), New Delhi



### Norwegian Geotechnical Institute (NGI), Norway



### ORGANISING SECRETARIES

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## CONFERENCE THEMES

1. Emerging techniques for rock and rock mass characterisation
2. Role and significance of Geophysical Investigations for foundation characterization
3. Design and construction of highway/railway tunnels
4. Exploration and Development of Geothermal Energy from Rocks
5. Tunnel Boring Machines – Excavation through hard and fragile ground
6. Use of advanced excavation techniques
7. Oil/gas storage and nuclear waste disposal caverns
8. Instrumentation and numerical modelling
9. Case histories of tunnels and caverns for hydropower projects
10. Landslide hazards and mitigation measures
11. Blasting techniques for safe and economic excavations
12. Mining engineering – Issues and challenges in open cast and underground excavations
13. Rock support and reinforcing methods – State of the art technologies
14. Construction methodologies – NMT and NATM philosophy
15. Challenges in investigations and design of Pumped Storage Projects

## ABSTRACT SUBMISSION

Abstract of maximum 500 words for technical papers on the themes are invited. Abstracts should be crisp highlighting the problem, process involved and the remedies/outcome of the study. Author's names and affiliations with email of corresponding author must be provided. *Selective papers can be considered for publication in Journal of Rock Mechanics and Tunnelling Technology (JRM-TT)*. **One of the authors must register as delegate.** The Abstracts can be uploaded online at conference website <http://indorock.in>.

## REGISTRATION FEE

- |   |            |
|---|------------|
| • ISRM-TT Members<br>(Life Members and Institutional Members) | INR 10,000 |
| • Authors of Papers   | INR 10,000 |
| • Non ISRM-TT Members   | INR 12,000 |
| • Students  | INR 6,000  |

## SPONSORSHIP

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<b>Bronze Sponsorship</b> INR 50,000	2 Delegates, half page advertisement in conference proceedings

## IMPORTANT DATES

<b>Abstract Submission - 15 April 2025</b>	<b>Full Paper Submission - 15 July 2025</b>
<b>Acceptance of Abstracts - 25 April 2025</b>	<b>Full Paper Acceptance - 30 July 2025</b>

## INTRODUCTION

Rock mechanics has been a part of human existence. Caverns in hilly rocks and tunnels were excavated for religious and strategic purposes. With the rapid urbanization and requirements for infrastructure, the underground spaces assumed a vital importance. Further, construction of roads and rail infrastructure through mountainous regions including tunnels for improving connectivity, there was a dire need to understand the theories and principles of science to understand the highly variable natural material, the rock and rock masses to ensure safe and economic design. With ever growing challenges of executing surface and sub-surface structures, deeper understanding of behaviour of rock and soil masses has become indispensable. Principles of rock mechanics lay down the foundations of such planning, design and troubleshooting throughout the lifespan of a facility. Rock masses exhibit extremely complex behaviour due to complex geological and geotectonic processes involved in bringing to their present form. With the advent of modern technologies in computation, visualization and field investigations, the knowledge is progressing rapidly. It is necessary that the new information generated and experiences gained are disseminated far and wide for handling the challenges in implementation of engineering structures. Safety and long-term durability of any facility created at a significant cost to the society and utilizing nations resources has to be ensured right from the conceptualization stage. World has been endowed with a wide variety of geotectonic set-ups and the complexities encountered in Himalayan and Peninsular Indian rock formations provide a rich experience base for use elsewhere in the world and vice-versa. Rock mechanics community has to imbibe such techniques from multi-disciplinary fields and implement them to their fullest advantage. Geological surprises have been the bug bear of timely and economic construction in the field of rock engineering. Minimization of such surprises is a task that needs to be collectively handled by the rock engineers, geologists and scientists.

Indorock has been a flagship event eagerly expected by the rock mechanics professionals in India and abroad as it provides a dedicated forum for exchange of ideas and experiences across spectrum of rock engineering. It provides Researchers and Practitioners, a unique forum to interact and improve their respective knowledge base. The event is also a great opportunity for the consultants, manufacturers and construction agencies to showcase their capabilities and network amongst the who's who of the rock mechanics domain.

## OBJECTIVES

It gives a platform to bring together high level delegation across the world for exchanging ideas and presenting new developments on the themes of IndoRock-2025.

- To provide delegates with an update on current progress, activities and opportunities.
- To provide information and gather views on good practices in underground construction.
- To provide an opportunity to share experiences and to discuss issues and challenges in the planning and delivery of projects in hydropower, mining and infrastructure.

## PAYMENT OF REGISTRATION & SPONSORSHIP FEE

The registration fee can be submitted by Demand Draft/ Cheque in favour of 'ISRM-TT' or online using RTGS/NEFT as per the bank account details given below:

- Account Holder: Indian Society for Rock Mechanics and Tunnelling Technology
- Bank: SBI NIHF Branch, Baba Gang Nath Marg, Munirka, New Delhi-110067
- Account No.: 10634251177; IFSC: SBIN0001624; PAN: AAAAI0075L