

Young
Tunnellers
Session

Information Bulletin

Workshop on

ROCK MECHANICS AND EMERGING TUNNELLING TECHNIQUES

*(Empowering the next Generation with Innovation, Technology and
Sustainability in Under Ground Construction)*

2nd December 2025 (Tuesday)
New Delhi, India

Organized by



ISRM (INDIA)



Tunneling Association of India

In Association with



New Delhi
ISO 9001:2015

Central Board of Irrigation & Power



INTRODUCTION

India's tunnelling industry is entering a transformative phase driven by rapid infrastructure development, metro systems, high-speed rail, hydropower, road tunnels, and smart underground utilities. These projects demand cutting-edge design, advanced construction technologies, and a deep understanding of rock behaviour and ground-structure interaction.

While remarkable advances have been made in mechanized tunnelling, digital monitoring, and sustainability practices, the future of the industry depends on empowering the next generation of tunnelling professionals, engineers, researchers, and field experts capable of innovating and adapting to complex geotechnical challenges.

Recognizing this need, ISRM India, TAI with support of TAIym and associated with CBIP are jointly organizing a "Young Tunnellers' Workshop on Rock Mechanics and Emerging Tunnelling Techniques", scheduled one day prior to the flagship "Tunnelling Asia 2025" Conference.

This workshop will serve as a dedicated platform for young engineers and professionals to share knowledge, present innovative ideas, and interact with leaders and experts shaping the future of underground construction.

OBJECTIVES

- To provide a platform for knowledge exchange among young professionals and experts in tunnelling and rock engineering.
- To discuss emerging technologies, research innovations, and best practices in underground construction.
- To encourage young tunnellers to contribute to national tunnelling projects with fresh ideas and digital tools.
- To promote collaboration among academic, research, and industry institutions for capacity building.

TOPICS for deliberation are, but not limited, to the following

- Fundamentals and Advances in Rock Mechanics
- Geotechnical Investigations and Rock Mass Characterization
- Emerging Tunnelling Technologies and Mechanized Excavation
- Numerical Modelling and Digital Tools in Tunnelling
- Monitoring, Instrumentation and Risk Management
- Case Studies from Young Professionals
- Sustainability, Safety and Environmental Aspects
- Skill Development and Innovation by Young Engineers

WHO SHOULD ATTEND

The workshop is designed especially for:

- Young professionals, early-career engineers and researchers (< 40 years of age)
- Students and academicians specializing in tunnelling, rock mechanics, and geotechnical engineering
- Professionals from government organizations, design offices, contractors, consultants, and developers involved in underground works

FORMAT AND STRUCTURE

The workshop will feature:

- Keynote Lectures by senior experts and industry leaders
- Young Professional Presentations
- Panel Discussion on "Shaping the Future of Tunnelling in India"
- Interactive Q&A and Networking Sessions

DATES AND VENUE

Date: One day prior to "Tunnelling Asia 2025" on 2 Dec. 2025

Venue: CBIP Conference Hall, Malcha Marg, Chanakyapuri, New Delhi

CALL FOR TECHNICAL PAPERS / CASE STUDIES

Young professionals and students are invited to submit technical papers or case studies relevant to the workshop themes. Submissions should include innovative approaches, field experiences, research insights, or case-based learnings.

Sr. experts are Invited to deliver expert lecture of the subject of their expertise.

REGISTRATION FEE*

The registration fee payable, per delegate, including authors of papers, for participation in the Workshop is as follows:

Members of CBIP/ISRM/TAI	INR 5,000/-
Others	INR 6,000/-
Academic/Research Institutes / Students	INR 3,000/-
Foreign Delegate (online) participants (In case of online transfer, Bank Convenience Fee shall be borne by the participants, therefore, not included in the above Price.)	USD 25/- https://lrvinhedri.com/isrm/Form/ (Registration for International Participants. After Registration payment link will be shared)

***GST @ 18% shall be charged extra.**

The registration fee covers the cost of registration kit, lunch and tea in-between the technical sessions. The participants will have to make their own arrangements for travel and stay. No financial support will be provided by the organizers.

Spot registration facilities will also be available, provided the prior information is received.

SPONSORSHIP OPPORTUNITY

The workshop provides an effective opportunity for organisations/companies to sponsor/support the workshop under following categories:

Category	Amount	Benefits
Sponsor	INR 1,50,000.00	• Complimentary registration of upto Six representatives • Distribution of promotion literature among the participants through the registration kit • Table top display of products/services • Company name and logo on Information Bulletin, banners, etc. • Complimentary advertisement in W&E International Journal (coming issue)
Co-Sponsor	INR 1,00,000.00	• Complimentary registration of upto four representatives • Distribution of promotion literature among the participants through the registration kit • Company name and logo on banners, etc
Supporter	INR 50,000.00	• Complimentary registration of upto two representatives • Company name and logo on banners, etc

OPPORTUNITIES FOR TABLE TOP DISPLAY

Limited Slots are available on first come basis, @ Rs. 50,000/- Plus GST per slot, for display of products, services & Innovations.

PAYMENTS*

The fee can be paid by cheque to be drawn in favour of “The Committee of the ISRM” or by bank transfer to the following account:

Bank Details for arranging Payment:

- Name of Bank: Canara Bank, Delhi Diplomatic Enclave, 7/48, Malcha Marg, Chanakyapuri, New Delhi 110021
- Account No. 0157101031512 • MICR Code No. 110015007
- Account Holder Name: The Committee of the ISRM
- IFSC Code: CNRB0000157 • Swift Code: CNRBINBBDFS

***GST @ 18% shall be charged extra.**

ADDRESS FOR CORRESPONDENCE

All correspondences relating to the Workshop should be addressed to:

Mr. A.K. Dinkar, *Member Secretary*

Central Board of Irrigation & Power, Malcha Marg, Chanakyapuri, New Delhi 110 021, India

Contact Persons: **Mr. Vishan Dutt**, Advisor (WR) Phone : 2687 5017/ Extn. 114 Mobile : +91-9811431554

E-mail : vishandutt@cbip.org

Ms. Meenakshi +91-11- 2611 1294/2687 5017, E-mail: meenakshi@cbip.org; Website : www.cbip.org

Workshop on
ROCK MECHANICS AND EMERGING
TUNNELLING TECHNIQUES

2 December 2025
New Delhi

REGISTRATION FORM

(To be filled in block letters preferably typed)

1. Name of Participant _____
(Surname) (First Name) (Prefix Prof./Dr./Mr./Mrs./Ms.)
2. Designation: _____
3. Name of Organisation: _____
4. Mailing Address: _____
City _____ State _____
Country _____ PIN _____
Phone _____ Fax _____ E-mail _____

5. Payment details:

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Dated _____

Signature _____

Registration Form duly filled in, together with necessary payments to be mailed to

Mr. A.K. Dinkar

Secretary

Central Board of Irrigation & Power, Malcha Marg, Chanakyapuri, New Delhi 110 021, India

Phone : 91-11-2611 5984 / 2611 6567 Ext. 113 / 140

E-mail: contact@isrmindia.org; meenakshi@cbip.org; Website : www.cbip.org

Note:

- Spot registration facilities will also be available, provided the prior information is received.