



Conference on

# Technological Advancement in Drilling and Blasting for Tunnelling Projects

27 - 28 June 2024 (Thursday-Friday)

Venue: The Institution of Engineers (India), Engineers Bhawan, Shimla (HP)



In association with

Sponsored by



## **ANNOUNCEMENT**

Drilling and blasting play a pivotal role in surface and underground excavation, serving as the foundational processes in mining, construction, and quarrying operations worldwide. These techniques are essential for breaking hard rock formations efficiently and safely, enabling access to valuable minerals, constructing tunnels, and creating foundations for infrastructure projects. Understanding the principles of drilling and blasting is crucial for optimizing excavation processes, ensuring worker safety, and minimizing environmental impact. To deliberate on the emerging issues related to the subject TAI in association with CBIP, ISRM and National Skill Development Forum (IEI - H.P. Chapter) announces a Conference on “Technological Advancement in Drilling and Blasting for Tunnelling Projects” on 27 - 28 June, 2024 (Thursday-Friday) at National Skill Development Forum, The Institution of Engineers (India), Engineers Bhawan, Nigam Vihar Shimla -171002 (HP).

## **ABOUT THE ORGANISER (TAI)**

Tunnelling Association of India (TAI) is the Indian chapter of the International Tunnelling and Underground Space Association (ITA) established in 1991, has been involved in dissemination of information about the latest technological development in the execution of tunnel and underground projects by encouraging planning of the use of subsurface and to promote advances in the preparatory investigations for tunnels, design, construction and maintenance of tunnels and also by organizing symposia, seminars, workshops, and training courses, both at national as well as international level, in liaison with international organizations.

## **OBJECTIVES**

The objective of this Conference is to share experiences and update the knowledge of tunneling professionals, i.e., Engineers, Geologists and tunnel technician to understand various issues & challenges being faced during investigations, design, construction and how they can be overcome.

## **TOPICS**

The Conference shall cover but not limited to the following sub-topics contributes to a comprehensive understanding of Technological Advancement in Drilling and Blasting for Tunnelling Projects:

- Drilling methods
- Explosive selection and handling
- Blast design principles
- Safety protocols
- Environmental considerations
- Technological advancements
- Case Studies

## **WHO SHOULD ATTEND**

The Conference programme is designed for professionals working in public or private sector organizations dealing with the design and construction of tunnel and underground works. The Conference is of interest to tunnel designer and operators, construction and project managers, engineers (both field and design office), construction supervisory personnel, construction cost estimators, geotechnical engineers and individuals in the construction industry wanting a better grounding in modern tunnelling techniques and practices, geologists, regulatory bodies. Government Departments, Tunnel Building Contractors & Consultants. Suppliers of Products & Services for Tunnelling Construction. Fire Authorities dealing with Infrastructure Tunnels, Technical and Research Institutes, Universities dealing with Tunnelling. Organization & associations active in the Tunnelling World and Funding Agencies.

## PRESENTATION BY EXPERTS

Eminent experts on the subject are being invited to deliver experts lectures during the Conference. However experts who desire to make presentations on the above subject are requested to furnish the write-ups to reach CBIP office latest by 15<sup>th</sup> June 2024.

## OFFICIAL LANGUAGE

The official language of the Conference will be English.

## DATES AND VENUE

The conference will be held on 27-28 June, 2024 (Thursday & Friday) National Skill Development Forum, The Institution of Engineers (India), Engineers Bhawan, Nigam Vihar Shimla -171002 (HP).

## REGISTRATION FEE

All those who wish to participate in the conference including authors of papers are expected to register in advance by sending the registration form through email to the conference secretariat alongwith payment of registration fees.

**The registration fee for participation** - Delegate/ Author - Rs.12,500/- per participant

**The discounted registration fee for Members of TAI, ISRM & CBIP** - Rs.10,000/- per participants

**The registration fee for Young Members (Below 35 years age)** - Rs. 5,000/- per participant

**The registration fee for Students** - Rs. 2,000/- per participant

**\*GST 18% will be charged extra on Registration fee.**

The registration fee includes registration kit, working lunch, tea/ coffee during the event only. The participants will have to make their own arrangement for boarding and lodging, transport, etc. at Shimla (HP). Registration fee once paid will not be refunded.

## SPONSORSHIP

Scope exists for organizations to be the Sponsor with following benefits:

Privileges to Sponsor		
<b>Diamond</b> Rs. 3,00,000/-	<b>Gold</b> Rs. 2,00,000/-	<b>Silver</b> Rs. 1,00,000/-
<ul style="list-style-type: none"><li>• 10 delegate passes for participation in the conference</li><li>• Company logo on main banner</li><li>• Circulation of Company Literature</li><li>• Announcement - Thanking sponsor</li><li>• Speaking Opportunity</li><li>• Table Space to display</li><li>• Invitation to the key person of the organisation as special invitee.</li><li>• Company logo on Cover page of Proceedings Volume</li><li>• Complimentary Advertisement in the Key Journal Published immediately after the event covering report of the event.</li><li>• One year complementary Institutional membership of TAI to Diamond sponsor besides other privileges</li></ul>	<ul style="list-style-type: none"><li>• 05 delegate passes for participation in Tutorials &amp; Colloquium</li><li>• Company logo on main banner</li><li>• Circulation of Company Literature</li><li>• Announcement -Thanking sponsor</li><li>• Speaking Opportunity</li><li>• Table Space to display</li><li>• Invitation to the key person of the organisation as special invitee.</li><li>• Company logo on Cover page of Proceedings Volume</li><li>• Complimentary Advertisement in the Key Journal Published immediately after the event covering report of the event</li></ul>	<ul style="list-style-type: none"><li>• 03 delegate passes for participation in Tutorials &amp; Colloquium</li><li>• Company logo on main Banner</li><li>• Company logo on Cover page of Proceedings Volume</li><li>• Announcement - Thanking sponsor</li></ul>

**\*GST 18% will be charged extra.**

## PAYMENT

Kindly arrange to remit the payment by cheque to be drawn in favour of “Adhering Committee of International Tunnelling Association (India)” or by bank transfer to the following account:

**Name of Bank:** Canara Bank, Delhi Diplomatic Enclave, 7/48, Malcha Marg, Chanakyapuri, New Delhi 110021.

**Account No.:** 0157101031496

**MICR Code No.:** 110015007.

**Account Holder Name:** “ADHERING COMM OF ITA”

**IFSC Code:** CNRB0000157

**SWIFT Code:** CNRBINBBDFS



Bank charges if any, must be borne by the participants and should not be deducted from the amount remitted to the Conference Secretariat. Last date of receipt of nominations is 20th June 2024, however spot registration facility to a limited extent will also be available.

## SECRETARIAT

All correspondence relating to the Workshop should be addressed to:

**Shri A.K. Dinkar**, Secretary, CBIP & Secretary General, TAI

**Shri K.K. Singh**, Director (WR), CBIP & Treasurer, TAI, E-mail: [kksingh@cbip.org](mailto:kksingh@cbip.org)

C/o CBIP, Plot No. 4, Institutional Area,

Malcha Marg, Chanakyapuri, New Delhi-110 021

**Phone:** 91-11-26115984 / 26116567; **Fax:** 91-11-26116347, **Website:** [www.tai.org.in](http://www.tai.org.in)

### Contact Person:

**Shri Kamal Kumar**, Manager (WR) CBIP, M: 8826434222, E-mail: [kamal@cbip.org](mailto:kamal@cbip.org)

**Shri Vishan Dutt**, Adviser, CBIP, M: 9811431554, E-mail: [vishandutt@cbip.org](mailto:vishandutt@cbip.org)

**Shri Puneet Khairal**, TAI Secretariat, M: 9953976775, E-mail: [contact@tai.org.in](mailto:contact@tai.org.in)

## REGISTRATION FORM

(To be sent to secretariat via email [contact@tai.org.in](mailto:contact@tai.org.in))

1. Name \_\_\_\_\_

(First Name)

(Middle Name)

(Surname)

2. Position \_\_\_\_\_

3. Organization \_\_\_\_\_

4. Address \_\_\_\_\_

5. Contact No. \_\_\_\_\_ E-mail ID \_\_\_\_\_

6. Bank Draft No./ Online bank transfer UTR/ Transaction details \_\_\_\_\_

dated \_\_\_\_\_ for Rs. \_\_\_\_\_ is enclosed.

Date: \_\_\_\_\_

Signature: \_\_\_\_\_