



Indian Concrete Institute
New Delhi Centre

CONCRETE 2017

14-15 July 2017

Conference & Exhibition on UNDERGROUND STRUCTURES



Venue: Hotel The Royal Plaza, Ashoka Road, New Delhi



Supported By



PWD, Govt. of Delhi



BMTPC



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www.icindc.org

About Indian Concrete Institute

Indian Concrete Institute (ICI) is the premier professional body for concrete technology with above 12,000 members with 38 centres spread across India. It has on its fold the captains of Construction Industry, Building Material manufacturers, Leading Consultants & Civil Engineers, Contractors, Academicians and Educational Institutions. ICI was founded in 1982 with its headquarter at Chennai. The objectives of ICI are to promote growth of concrete construction and its sub-specialisations, disseminate knowledge and to train personnel, collaborate with national and International agencies in creating better understanding of concrete construction technology, to identify R&D issues, encourage outstanding achievements in concrete construction technology through its institutional awards etc. ICI organises periodical seminars, conferences, workshops and exhibitions on the subject and arranges lecture series on selected topics of relevance to concrete construction. ICI has collaborations with American Concrete Institute, Asian Concrete Federation, Singapore Concrete Institute, Concrete Institute of Australia, etc. ICI publishes quarterly Journal containing peer-reviewed technical papers, technical abstracts from about 40 journals. ICI has also brought out a number of publication and monographs on various related topics.

About The Conference

An architect's, urban planner's and visionary's preference goes to making infrastructure underground and keep the ground available for other uses. And, as the time goes by, more & more underground structures are coming in vogue. Although, more expensive compared to elevated structures, underground structures help retaining the cityscape. One of the finest examples of underground structures is Paris Metro, wherein everything within the city has been made underground. Similarly, a 15 km long underground arterial expressway was constructed in Boston, with the idea to demolish the elevated arterial expressway. With the advancement of latest technologies Delhi, Kolkata, Mumbai, Chennai, Bangaluru, Jaipur etc. have also be contributing underground metro projects. Several long and short vehicular underpasses have been constructed in various parts of India and other countries. A multistoried building, today, can't be imagined without 2-3 levels below ground for parking.

Underground structures pose varied challenges to the planners, designers and constructors. An underground structure has to be located in a way to keep away from existing as well as future underground structures and utilities. Stabilising the substrata, dealing with varying rock conditions etc pose different levels of design challenges. Constructing diaphragm wall in rock requires expensive trench cutters.

Large diameter piles (3.0m dia and above) are becoming popular for speedy construction and better seismic resistance, especially in liquefiable sub-strata. Use of rock anchors, rock nailing, rock grouting etc are essential ingredients of an underground construction. Dewatering and waterproofing find a special importance in underground construction.

Design and construction of Tunnels using TBM and NATM technologies have their intricacies, which need to be addressed suitably. Selection of TBM for different types of sub-strata requires a very careful planning. For this reason, a more elaborate Geotechnical Investigation is a must. Construction of cross-passages find their own challenges of temporary/enabling works.

Keeping in view all the above intricate issues, the event has been planned with the following sub-themes:

Sub-themes

- i) Underground Metro Structures (Tunnels and Station Buildings)
- ii) Vehicular and Pedestrian Underpasses
- iii) Deep Basements in Buildings
- iv) Waterproofing of Underground Structures
- v) Drainage and Uplift Control
- vi) Rock Stabilizing
- vii) Testing and Instrumentation



Papers & Abstracts

Submission of 300 words abstract
15th MAY 2017

Acceptance of abstract
30th MAY 2017

Submission of full paper
15th JUNE 2017

CONCRETE 2017

Who Should Attend?

- Academicians & Research Scholars
- Architects
- Designers and Consultants
- Practicing Engineers
- Project Managers & Project Management Consultants
- Construction Agencies
- Inspection, Testing & Instrumental Agencies
- Engineering Department
- Builders and Developers
- TBM Suppliers
- Machinery & Equipment Suppliers
- Prestressing Companies
- Waterproofing Agencies
- Constructions Chemical Manufacturers & Suppliers

Advisory Committee

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Dr Mangu Singh, Managing Director, DMRC
Er Shailesh Agrawal, Executive Director, BMTPC
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Er S K Gupta, Director (Projects), MMRC
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Kumar, N Siva, CSMRS

Sponsorship Opportunities

Deliverables	Platinum	Gold	Silver	Lunch	Delegate Bag	Tea / Coffee	Lanyard & Badges
Rates in ₹	6 lakhs	4 lakhs	2 lakhs	1.5 lakhs	75,000	60,000	40,000
Pre-Event Benefits							
Logo on event website with links	✓	✓	✓	✓			
Logo in backdrop of the event	✓	✓	✓				
On-Site Benefits							
Sponsors slot during the convention	10 mins	5 mins					
Sponsor Logos to be played in loop during screen intervals	✓	✓	✓	✓	✓	✓	✓
Company brochure in delegate Kit	✓	✓	✓	✓	✓	✓	✓
Pages in Souvenir	One page (color)	Half page (color)	Half page (B&W)				
Standing banners at strategic locations (Nos)	2	1	1	1	1	1	
Acknowledgement in the opening speech	✓	✓	✓	✓	✓	✓	✓
Complimentary passes to attend the convention (Nos)	5	3	2	1	1		
Post Event Benefits							
The list of delegates will be shared with the sponsors after the Conference				✓			

Exhibition Opportunities

Stall Size	Units	Inclusions	Rates in ₹
3m x 3m	1	Exhibitor Passes	2 no.
		Delegate Passes	1 no.
		Shell space	3m x 3m
		Carpet	1 no.
		Table	1 no.
		Chairs	2 no.
		Waste paper basket	1 no.
		Plug point	1 no.
		Spot lights	2 no.
		75,000	

Stall Size	Units	Inclusions	Rates in ₹
3m x 2m	1	Exhibitor Passes	2 no.
		Shell space	3m x 2m
		Carpet	1 no.
		Table	1 no.
		Chairs	2 no.
		Waste paper basket	1 no.
		Plug point	1 no.
		Spot lights	2 no.

*Delegates circulation is planned to be through the stalls.

Registration Details

Category	Regular Fee
ICI Members	₹ 6,000
Non-Member	₹ 8,000
Student	₹ 2,500
Group Registration	₹ 6,000 per person (for 3 delegates or above)

Souvenir Advertisement

Type	Size A4	Amount
Full Page Inside Front	21cm x 29.7cm	₹ 40,000
Full Page Inside Back	21cm x 29.7cm	₹ 30,000
Full Page	21cm x 29.7cm	₹ 25,000
Half Page	21cm x 14.85cm	₹ 15,000
Centre Spread		₹ 50,000

Conference Manager:

CMGLOBAL
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Organized By



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