

## WHO SHOULD ATTEND IT

This seminar is open to practicing engineers from government, private organizations, contractors, consultants, academicians and post-graduate students involved in foundations and geotechnical engineering. The deliberations will assist project planners and executors in understanding state of the art and cost effective techniques in piling and deep foundation constructions.

## REGISTRATION FOR SEMINAR

• DFI / IEI / IGS Members	Rs. 750/-
• Corporate/ Government Delegates & Non-Members	Rs. 1200/-
• Post Graduate Students	Rs. 200/-

## ADVISORY COMMITTEE

**Mr. Brijesh Dixit**, Managing Director, MMRC Ltd., Nagpur  
**Mr. Mahesh Kumar Agrawal**, Director (Projects), MMRC Ltd., Nagpur  
**Mr. H. P. Tripathy**, CPM/PS, MMRC Ltd., Nagpur  
**Mr. Devendra Ramtekkar**, CPM (Reach-1), MMRC Ltd., Nagpur  
**Mr. M. P. Ramnavas**, GM (Design), MMRC Ltd., Nagpur  
**Mr. Mahendra P. Shukla**, Chief Structure Expert - Elevated, GC, NMRP  
**Dr. N. Kumar Pitchumani**, Chief Geotech Expert, GC, NMRP  
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**Ms. Mary Ellen Large**, Director, Technical Activities, DFI (USA)  
**Er. H. O. Thakare**, Council Member, IE (I), Kolkata  
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**Dr. U. P. Waghe**, Principal, YCCE, Nagpur

## ORGANIZING COMMITTEE

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**Dr. Dilip Mase**  
Chairman, IE(I), NLC

Organising Secretary  
**Er. Milind Pathak**  
Hon. Secretary, IE(I), NLC

Jt. Organising Secretary  
**Dr. Sunil S. Basarkar**  
National Exec. Committee Member, DFI of India

### Members

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**Er. K. C. Tayade**, Head, Quality Assurance, MMRC Ltd., Nagpur  
**Er. Sandip Ghumde**, Sr. Geotechnical Expert, GC, NMRP  
**Er. Jayant Raut**, Asst. Professor, YCCE, Nagpur  
**Er. Prashant Pande**, Asst. Professor, YCCE, Nagpur  
**Er. R. S. Ingale**, Research Scholar, VNIT, Nagpur  
**Er. Kamlesh Madurwar**, Asst. Professor, PBCOE, Nagpur

## VENUE

Nagpur, the winter capital of Maharashtra is popularly known as Orange City. This venue is ideally located in Central India which is the hub of infrastructural development in India. The Institution of Engineers (I), Nagpur Local Centre is centrally located at North Ambazari Road and is considered as a landmark of Nagpur. This area in fact, is earmarked for a vital metro station named The Institution of Engineers.

## SEMINAR PROGRAMME SCHEDULE

**Saturday, 15<sup>th</sup> April 2017, Nagpur**

<b>REGISTRATION</b>	8.30 am – 9.00 am
<b>INAUGURATION CEREMONY</b>	9.00 am – 10.10 am
<b>HIGH TEA</b>	10.10 am – 10.40 am
<b>TECHNICAL SESSION - I</b>	
• Bored and Socketed Piles – Design and Load Displacement Behavior	10.40 am – 11.20 pm
• Latest Developments in Bored Piling Equipment Technology & Installation	11.20am – 12.00noon
• Large Diameter Piles and Micro Piles	12.05 pm – 12.45 pm
• State of Art Development in Pile Load tests and Interpretations	12.45 pm – 01.15 pm
<b>LUNCH</b>	01.15 pm – 02.00 pm
<b>TECHNICAL SESSION II</b>	
• Case Studies & Latest Developments in Construction of Bored Piles	02.00 pm – 02.40 pm
• Role of Instruments in Furnishing Useful Information on Bored Piles	02.50 pm – 03.30 pm
<b>TEA</b>	03.30 pm – 04.00 pm
<b>TECHNICAL SESSION III</b>	
• State of Art Development and Current Trends Dynamic Pile testing and QA/QC methods in Pile Foundations	04.00 pm – 04.40 pm
<b>CLOSURE</b>	04.45 pm – 05.00 pm

**Notes :** Above topics shall be delivered by experts from Industry with specialized handling in the area of piling and geotechnical engineering. Programme subject to change; Corporate presentation of 5 minutes in between technical presentations.

## CONTACT

Organizing Secretary,  
**Er. Milind Pathak**  
Hon. Secretary,  
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# One Day National Seminar on Pile Foundations : With Special Context to Metro Rail Works

**Saturday, 15<sup>th</sup> April 2017, Nagpur**  
at 8.30 am – 5.00 pm



Venue :

**The Institution of Engineers (India)**  
Nagpur Local Centre  
North Ambazari Road, Nagpur - 440 010  
Maharashtra, India

Organised by



**DEEP FOUNDATIONS INSTITUTE OF INDIA**

In association with



**The Institution of Engineers (India)**  
Nagpur Local Centre

## THE HOSTS

### DEEP FOUNDATIONS INSTITUTE (DFI)

DFI was incorporated in 1976 in USA ([www.dfi.org](http://www.dfi.org)) as an international non-profit association of contractors, engineers, suppliers, academics and owners in the global deep foundations industry. DFI has more than 3000 involved, knowledgeable and committed members worldwide & creates a consensus voice and a common vision for continual improvement in planning, design & construction of deep foundations and excavations. DFI has an international membership and a global focus.

DFI of India, established as an Indian Chapter of DFI, has its mission & vision to help the Indian foundation industry on a continuous and sustainable basis in measured and measurable steps, to become a very professional and to embrace new technologies for faster development of India.

The Chapter looks to provide a platform for continuous interaction of all stake holders of the Indian foundation Industry, including those international agencies who have India focus via seminars, workshops & training courses.

### THE INSTITUTION OF ENGINEERS (INDIA)

IE(I) is the largest multi disciplinary professional body that encompasses 15 engineering disciplines and gives engineers a global platform from which to share professional interest. IE(I) has membership strength of over 8,00,000. Established in 1920, with its head office at 8, Gokhale Road, Kolkata - 700020, IE(I) has served the engineering fraternity for over nine decades. In this period of time it has been inextricably linked with the history of modern-day engineering. For details, please visit at [www.ieindia.org](http://www.ieindia.org)

## SEMINAR OBJECTIVES

This national seminar is planned at Nagpur which is currently hub of infrastructural activities particularly the metro works which is planned to serve as a logistics lifeline in this city. In this infrastructural surge, deep foundation systems have become integral part of such mega projects. Advanced design as well as construction tools are now available for execution of foundation elements and the main objective of this seminar is to introduce these developments to those involved in planning, coordination, design and execution of such projects.

New piling technologies have brought about fast progress, increased capacities and so called green effect hitherto unknown earlier. This seminar is intended to reach out the designers, practicing engineers and post-graduate students, particularly for Maharashtra, and serve as a curtain raiser for dissemination of vast reservoir of knowledge in the design, construction and QA/QC practices in the area of pile foundations.

## SPONSORSHIP OPPORTUNITIES

With spurt of metro activities, equipment manufacturers, polymer fluid suppliers and contractors directly associated with piling industry are invited to take opportunity to showcase their competency and strength in presence of owners, consultants, decision makers and stake holders. Following opportunity exists :

### Diamond Sponsorship : Rs. 75000.00

**Facilities :** Corporate presentation (5 mins.), Space for vertical banner at entrance, space for two banners, 9 delegates free, facility for company literature in Seminar kit.

### Gold Sponsorship : Rs. 50,000.00

**Facilities :** Corporate presentation (5 mins.), Space for one vertical Banner at entrance, space for two banners, 6 delegates free, facility for company literature in Seminar kit.

### Silver Sponsorship : Rs. 30,000.00

**Facilities :** Corporate presentation (5 mins.), space for one banners, 4 delegates free, facility for company literature in Seminar kit.

### Bronze Sponsorship : Rs. 20,000.00

**Facilities :** Corporate presentation (5 mins.), space for one banner, 2 delegates free, facility for company literature in Seminar kit.

**For Special slots for sponsoring Lunch / High Tea / Seminar Kits, please contact Organising Secretary.**

## PROGRAMME STRUCTURE

The seminar is designed to cover state of art developments, latest construction equipment and practices of quality assurance & quality control aspects of pile foundations. This seminar will be a great opportunity for networking among the designers, construction experts, practicing engineers and post-graduate students involved in deep foundation practices.

## INVITED SPEAKERS

Invited speakers are drawn from different sections of deep foundation industry, namely, practicing consultants, foundation contractors, equipment manufacturers and foundation quality control experts.

## One Day National Seminar on Pile Foundations : With Special Context to Metro Rail Works

Saturday, 15<sup>th</sup> April 2017

Venue : The Institution of Engineers (India),  
Nagpur Local Centre,  
North Ambazari Road, Nagpur 440 010

## REGISTRATION FORM

NAME : .....

DESIGNATION : .....

ORGANIZATION : .....

MAILING ADDRESS : .....

.....

E-MAIL : .....

CONTACT PH / MOBILE NO. ....

MEMBER DFI / IEI / IGS / GEN (Please tick)

AMOUNT : Rs. .... in figure.....

..... by Cash /

Cheque / DD/ NEFT

Date : .....

Signature of Participant

Fill-in the Registration form and e-mail scanned copy to:

**The Organising Secretary,**

at : [nagpur\\_milind@yahoo.co.in](mailto:nagpur_milind@yahoo.co.in); [nagpurlc@ieiindia.org](mailto:nagpurlc@ieiindia.org)

Payments may please be made in favour of

**The Institution of Engineers (India), Nagpur**

With following details,

Bank Name : Central Bank of India

Account Number : 1073654065

IFSC Code Number : CBIN0280694

Bank Address : 3, Dr. Joshi's Bungalow, Canal Road,  
Ramdaspath, Nagpur - 440 010

