VENUE

Bhubaneswar, the capital of Odisha, popularly known as Temple City having more than thousands of temples, is a global tourist attraction. The abode of Lord Jagannath at Puri, the Sun Temple at Konark and the Temple City Bhubaneswar are popularly known as Golden Triangle and a paradise on earth for visitors. Bhubaneswar is the epicentre of all educational, cultural, social, religious, industrial and tourism in the eastern region of our country. It is well connected through Rail, Road and air to all parts of country.

WHO SHOULD ATTEND

This workshop is open to practicing engineers from government and private organizations, academicians, contractors, consultants and post-graduate students involved in foundation industry. The deliberations will also help project planners and executors understanding some of the cost effective techniques in foundation construction.

REGISTRATION FOR WORKSHOP

From Corporate/Government Sponsored Delegates Rs. 1500
From students Rs. 300
From IGS/IEI/DFI members/Engineers Rs. 500
Please use the registration form available separately

WORKSHOP SCHEDULE

25 APRIL 2015, SATURDAY

Registration & Breakfast 8:30 am – 9:15 am
Inauguration Ceremony 9:15 am – 10:15 am

Technical Session I
Driven & Bored Piles – Design and Load Displacement Behaviour 10:15 am – 11:15 pm
Latest Developments in Bored Pile (Drilled shaft) Installation 11:15 am – 12:15 pm
Case Studies and Latest Developments in Sheet Pile Walls Installation 12:15 pm – 1:15 pm
Lunch 1:15 pm – 2:00 pm

Technical Session II
Case Studies and Latest Developments in Construction of Diaphragm Walls for Deep Basements in Urban Environment 2:00 pm – 3:00 pm
Tea 3:00 pm – 3:15 pm

Technical Session III
Latest Developments in Driven Piles Installation 3:15 pm – 4:15 pm
Panel Discussion 5:15 pm – 5:45 pm
Closure 5:45 pm – 6:00 pm

CONTACT

Organizing Secretary,
Er. Laxmi Kanta Tripathy,
Hony.Secy., IGS. Bhubaneswar Chapter
C/o The Institution of Engineers (India)
Sachivalaya Marg, Unit-IV, Bhubaneswar
Mob.:+91 9438911363  Email: igs.bbsr@gmail.com

DEEP FOUNDATIONS INSTITUTE OF INDIA
in association with
INDIAN GEOTECHNICAL SOCIETY
(Bhubaneswar Chapter)
Organizes

ONE DAY NATIONAL WORKSHOP ON
PILE FOUNDATIONS –
ADVANCES IN DESIGN AND CONSTRUCTION PRACTICES

Saturday, 25th April 2015
8:30am – 6:00pm

Venue:
The Institution of Engineers (India)
Sachivalaya Marg
Unit-IV, Bhubaneswar (Odisha)
**DEEP FOUNDATIONS INSTITUTE (DFI)**

Deep Foundations Institute (DFI) was incorporated in 1976 in USA (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 3,000 involved, knowledgeable and committed members worldwide and creates a consensus voice and a common vision for continual improvement in the planning, design and 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 and vision to help the Indian foundation industry on a continuous and sustained basis in measured and measurable steps, to become 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 and training courses.

**INDIAN GEOTECHNICAL SOCIETY (IGS)**

The Indian National Society of Soil Mechanics and Foundation Engineering was established in the year 1948. Since then, it has strived to fulfill and promote the objectives of the International Society. In December 1970, the name Indian Geotechnical Society (IGS, www.igs.org.in) was adopted. In January 1994 it hosted XIII International Conference on Soil Mechanics and Foundation Engineering. Indian Geotechnical Conference (IGC) is a very prestigious annual event of IGS. IGC 2015 is being organized in Pune during 17-19 December 2015. IGS Bhubaneswar Chapter is the 32nd Chapter of IGS inaugurated on 9th July 2011. The chapter is regularly conducting technical events that promote, deliberate and discuss geotechnical engineering knowledge. Latest foundation technologies, ground improvement techniques, advances in earthquake engineering, procedures in sub-soil exploration, design of dams and embankments are being focused in these deliberations.

**OBJECTIVE OF WORKSHOP**

Bhubaneswar, the beautiful capital city of Odisha is a blend of heritage and modernity. Several infrastructure projects are being planned and executed in and around this capital city. Deep foundation systems, deep excavation retaining systems, cut-off walls, etc. have become integral part of such infrastructure development programmes. Advanced design as well as construction tools are now available for the above foundation elements and the main object of this workshop is to introduce these developments to those involved in planning, design and execution of these projects. Major cities in India embraced new technologies that help execution of these infrastructure projects in a more efficient and economical environment. These technologies by being energy efficient bring in several ‘green’ benefits. This workshop is intended to reach out to the designers, practicing engineers and students, particularly from Odisha, and provide a detailed introduction to the new technologies in design and construction practices in the area of pile foundations.

**PROGRAMME STRUCTURE**

The workshop is designed to cover briefly the design aspects, new construction equipment and practices and quality assurance & quality control aspects of driven piles and drilled shafts (bored cast-in-situ piles). The workshop is also planned to provide insight to advanced systems in deep excavation supports and cut-off walls. These topics will be covered by experts in related areas. The workshop will be a great opportunity for networking among the designers, construction experts, practicing engineers and students involved in deep foundation industry.

**INVITED SPEAKERS**

Invited Speakers are drawn from different sections of deep foundation industry viz. practicing consultants, foundation contractors, equipment manufacturers and foundation instrumentation experts.

**ORGANISING COMMITTEE**

Er. Rasananda Sahu, C.E., RDQF, Bhubaneswar
Er. Jagannath Patel, C.E., RD, Bhubaneswar
Er. Satya Ranjan Sathy, C.E., Buildings, Bhubaneswar
Prof. Sumant Haldar, IIT, Bhubaneswar
Prof. P.K. Parhi, HOD Civil, CET, Bhubaneswar
Dr. B. Hanumanta Rao, IIT, Bhubaneswar
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Prof. P.K. Pradhan, VSS University, Burla
Prof. S.K. Das, NIT, Rourkela

**ADVISORY COMMITTEE**

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Shri Jaibaghwan, Hony Secy, IGS, New Delhi
Ms. Theresa Engler, Executive Director, DFI (USA)
Ms. Mary Ellen Large, Tech Activities Manager, DFI (USA)
Er. S.K. Pattnaik, Spl. Secy-cum-E-in-C, DOWR, Odisha
Er. J.B. Mahapatra, E-in-C, (WR), DOWR
Er. S.D. Meher, E-in-C, (Civil), Works Deptt., Odisha
Dr. K.S. Ramakrishna, Director, DFI of India, Chennai
Er. I.V. Anirudhan, Jr. Director DFI of India, Chennai
Dr. Sunil S. Basarkar, Exec. Comm. Member, DFI of India
Prof. P.K. Dash, Ex. Chairman, IGS Bhubaneswar Chapter
Prof. A.C. Ray, Chairman, IGS Bhubaneswar Chapter
Er. S.K. Jain, CE, Minor Irrigation, Odisha

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REGISTRATION FEES

Corporate/Government
Sponsored Delegates : Rs. 1500.00
Students : Rs. 300.00
IGS/IEI/DFI /Engineers : Rs. 500.00

The amount may kindly send through DD or can be deposited in the account of Indian Geotechnical Society Bhubaneswar Chapter
A/c No. : 150401017181
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ONE DAY NATIONAL WORKSHOP  
ON  
PILE FOUNDATIONS – ADVANCES IN DESIGN AND CONSTRUCTION PRACTICES  
Saturday, 25th April 2015  
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