

# Seminar On

## CHALLENGES IN FOUNDATION CONSTRUCTION – WAY FORWARD



20th JULY 2019 at NATIONAL ACADEMY OF CONSTRUCTION, HYDERABAD

**D**eep Foundations Institute (**DFI**), a US based international non-profit organization has been striving to provide solutions to above said issues since its inception during 1976. DFI is comprised of approximately 3,500 active, knowledgeable, and committed volunteer members, who are owners (including government agencies), engineers/consultants, academics, contractors, manufacturers, and material and equipment suppliers spread across the globe.

### **DFI of India Mission and Intended Role**

Seeing the need of having similar body in India, few likeminded geotechnical professionals started its DFI's Indian chapter (**DFII**) and with the collaborative efforts of many organizations in India and abroad it has been steadily working since its inception during 2013 in Conducting conference/workshop/seminar/student programs to propagate new technologies, good work Practices Development of a qualified geotechnical/foundation workforce, and Embracing of latest and relevant foundation technologies to improve quality, productivity, and safety in construction.

### **National Academy of Construction (NAC)**

NAC is registered as a “Society” and incorporated as “Public Charitable” institution. It is managed by a Board of Governors with the Hon’ble Chief Minister as Chairman and Hon’ble Minister for Roads and Buildings the Chief Secretary of Telangana State as Vice Chairmen.

NAC is engaged in achieving for promotion of Education, Training, Research, Professionalism and Skill Development at all levels of Construction Industry.



## **DFII – NAC Partnership Programs**

DFII and NAC signed MOU for development and implementation of various **skill development programs related to geotechnical/foundation construction.**

**As a part of this understanding, current annual DFII conference is planned to be conducted at NAC campus Hyderabad between 14<sup>th</sup> Nov to 16<sup>th</sup> Nov'19**

DFII and NAC are of the strong opinion that there is a good scope for state government organizations/ owners, construction organizations, professional bodies, geotechnical organizations, academic institutes in the Telangana region to gain from DFII initiatives by being part of the same.

## **One Day Seminar Program**

DFII and NAC jointly planned to hold one day curtain raiser at NAC campus on **20<sup>th</sup> July'19** to present to all above organizations the benefits they accrue by getting associated with DFII programs. As a part of this program, few interesting case studies will be presented by representatives drawn from some of the global geotechnical contracting companies

### **Program:**

**9.30 am to 10.15am**

Registrations

**10.15 am to 10.30 am**

Inauguration

**10.30am to 11.00 am: Keynote address**

Dam cut off walls' construction, Case studies

- Dr K S Rama Krishna, Chairman. DFII and Trustee of DFI Board, Chennai

**11.00 am to 11.20am**

NAC's role in skill Development and capacity building of resources for construction Industry

- Mr. Bikshapati Kondai, Director General, NAC

**11.20 am to 11.45 am**

Tea Break

**11.45 am to 12.20 pm**

DFII overview and its initiatives

- Mr. G Venkata Prasad, Director of Operations, DFII

**12.20 pm to 1.10 pm**

Ground Improvement using Grouting and Micro Piles under Existing Foundations and Compacted soils – Cement Mix in Deep excavation

- Mr. A Madan Kumar, Head, Engineering, Keller India, Chennai

**1.10 pm to 2.00pm**

Lunch Break

**2.00 pm to 2.50 pm**

Ground Improvement Technologies for Irrigation Projects – Case Studies

- Mr. Manish Kumar, Joint Executive Vice President, ITD Cementation India, Mumbai

**2.50 pm to 3.40 pm**

Ground Improvement Works in Dedicated Freight Corridor Project – A Case Study

- Mr. N R K Raju, Head, Engineering, Tata Project Ltd, Hyderabad

**3.40 pm to 4.10 pm**

Questions and Answers

**4.10 pm to 4.20 pm**

Vote of Thanks

**4.20 pm to 4.50 pm**

High Tea