

# **INDIAN CONCRETE INSTITUTE**

## Bengaluru Centre, Karnataka.

No.2, UVCE Alumni Association Building, K. R. Circle, Bengaluru – 560001. Phone: 080-22224803, Email: icikbc@gmail.com, ici.benc@gmail.com Website: http://www.icikbc.org

## NATIONAL SEMINAR ON "SCAFFOLDING & FORMWORK"

### On Wednesday, 19<sup>th</sup> October 2022 at 9.00 AM

Address: No.20-21 | Seshadri Road | Bangalore 560 009 | Karnataka | INDIA

Think-out-of-the-Box' approach have pushed Imagineering and Innovation in Design and Buildability of Structures to, hitherto, unimaginable heights.

Formwork and Scaffolding Systems are key contributors to success of a project so much so that they determine the 'make or break' of a project

Drastic reduction of cycletime, enhanced serviceable life, agility etc., are ubiquitous traits which are no more optional but minimal requirements to any F&S System. Huge out lay of budgetary allocation – both in the Government as well as Private sectors – for the Construction and Infrastructure projects. A golden chance to grab this opportunity!

Robust solutions are required to address challenges facing construction and infrastructure projects with severe constraints on Resources – Men, Material, Money.

Sustainability, Safety, R-R-R (Recycle-Repair-Reuse) are ubiquitous elements expected to be ingrained in Construction Life cycle.

THIS SEMINAR WILL BE USEFUL FOR ALL THOSE CONNECTED WITH:

- Construction & Infrastructure Industry
- Builders & Developers
- Construction Corporates & Contractors
- Government / LUB/ Construction Departments
- Landmark structures/ Statues/ Towers
- Structural Design Engineers
- Corporates planning Built-work-facilities
- Manufacturers of Formwork & Scaffolding systems
- Service providers
- Researchers & Innovators

In line with this continuing endeavour, ICI-Bengaluru Centre is organising a one-day national seminar titled "FORMWORK" on Wednesday, 19th October 2022, at Glitter Hall, The Rialto Hotel, Bengaluru-560 009. Get to know from the experts and handson-training with professionals on vital aspects. We look forward to meeting you at this seminar for a wonderful interaction with the professional and mutual skill development.



Co-op. Members: Er. Ravindranath BV, Dr. Santhosh BS, Dr. Neethu Urs, Er.Vishwanath Rao, Er.G Shivaprakash

### **EMINENT SPEAKERS FOR THE ONE-DAY NATIONAL SEMINAR**

## Keynote: By an Engineer of Eminence in the field of

Scaffolding & Formwork.



Er.Sumanth Kashyap, Head-Formwork Cluster

LARSEN & TOUBRO.

Bangaldesh, Srilanka





**Er.Ketan M Shah,** Managing Director MFE FORMWORK TECHNOLOGY INIDA. P. LTD.

**Er.Arjun Koppa,** ceo, plastech formwork system p. ltd.

### Er.Vivekananda Maroor,

Director-Technical, PLASTECH FORMWORK SYSTEM P. LTD. SYSTEM P. LTD.

# DOKA INDIA P. LTD. Sub-themes of Sessions:

**ALUMINUM FORMWORK:** Aluminium Formwork system is a construction system for forming cast-in-place concrete structure for a building or structure. Scheduling and Controlling critical path activities viz., Steel reinforcement, concrete placement, mechanical / electrical conduiting etc., are predecessors, highly coordinated activities, ensuring highly successful to task outturn of the system.

**POLYMER FORMWORK:** Polymer based formwork are specifically developed to help save time and cost associated with construction involving concrete elements. Based on the selected profile, it readily snaps or slides into place without the aid of any heavy machinery thereby reducing substantial turnaround time per cycle and immensely contributing to Safe work environment in addition to being highly agile in its shape and form.

**TIMBER FORMWORK:** Timber formwork takes the form of the structure of boards surrounding an open cavity & immensely offer several advantages over alternative formwork types. Timber formwork can be constructed at relatively lesser starting cost in comparison to steel because of its availability, as of now and cheaper production cost. However, prudent use of the same is called for necessitating use of manufactured wood to replace natural timber.

**SAFETY ASPECTS OF FORMWORK:** Safety is paramount in Construction and overrides all other criterion, no matter what. Safety-related incidents, especially in works at heights are major contributors to safety issues. Formwork plays extremely critical role, both during its design, execution and handling, towards contributing to safe work environment.

SUSTAINABILITY & LIFE-CYCLE COST OF FORMWORK: Sustainability is ubiquitous; One major contributor to sustainability is the enhanced serviceable life of a Formwork system. Repair-Recycle-Reuse majorly are prospective avenues to reduce ownership cost as well as contribute to frugal consumption of resources. Formwork system selection and costing can make or break the business viability of a project. Hence there needs to be a balanced approach to ensure an holistic approach to meet various critical parameters called from a formwork system.











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This seminar is organised on an 'earnest-endeavour' basis; E&OE expected. There might be change in topics or speakers or venue etc., in rare situations which are beyond our control. Right of admission reserved by ICI-BIr. The decision of ICI-Bengaluru Centre is final and binding on any/all matters concerned with this Seminar. Jurisdiction shall be Bengaluru.

Timber Form