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National Academy of Construction

(A Society of Government of Telangana)



Executive Development Programme on *Quality Assurance and Quality Control in Precast Construction Technology*

25th to 27th May, 2023

Faculty

Prof. Subramanyam, IIT, Hyderabad
Prof. C.B. Kameswar Rao, NIT, Warangal
Sri. C.A. Prasad, President, PSI

Venue:

NAC Campus, Hitex Grounds, Hyderabad – 500084

Course Fee:

Non-Residential: Rs.7,500/- plus 18% GST

Residential: Rs.12,000/- Plus 18% GST

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NATIONAL ACADEMY OF CONSTRUCTION



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NAC Campus, Cyberabad, Hyderabad, Telangana 500084.
www.nac.edu.in, Email: info@nac.edu.in



PRE ENGINEERED
STRUCTURES SOCIETY OF INDIA

Executive Development Programme for the Year 2023-24

3- Days Short term Course on *Quality Assurance and Quality Control in Precast Construction Technology*

Dates: 25th to 27th May, 2023 || Venue: NAC campus, Hyderabad

OVERVIEW

Construction Industry is predominantly adopting advanced technologies, i.e monolithic, precast, composite construction to hasten up completion of projects. While monolithic construction is established well, **Precast Construction Technology** is catching up now. In the case of **Precast Construction**, elements are produced in a factory, transported and erected at the site duly joining the elements with grouting and a portion of in-situ casting for foundations and the structural screed over the Hollow Core Slabs.

Precast Construction is now adopted in building construction and picking up faster in Hyderabad and various other parts of India.

GHMC has used this technology and constructed S+P+9 story precast buildings, 14 towers at Dundigal, Hyderabad, and the R&B dept., has built a Medical Hospital at Sangareddy using **Precast Construction Technology**. Several other private developers are using the **Precast Construction Technology** for their residential and commercial Projects.

QA & QC is a crucial requirement in **Precast Technology** and it requires special understanding about the materials, methodology adopted in the implementation.

In order to develop the capacity of working engineers in this segment, NAC – PSI is jointly Organizing a Training program on “**Quality Assurance and Quality Control in Precast Construction Technology**” from 25th to 27th May, 2023.

CURRICULUM

Day-1	Day-2	Day-3
<ul style="list-style-type: none">➤ Overview of Precast Technologies➤ Precast Concrete➤ Precast Structural Connections➤ Precast Production and Materials	<ul style="list-style-type: none">➤ Design of Precast Elements➤ Quality Assurance and Quality Control➤ Tolerances in Precast Testing Protocols➤ Transportation of Precast Elements➤ Erection of Precast Elements➤ Estimation/Data – CPWD DSR and Telangana State SSR	<ul style="list-style-type: none">➤ Field Visit

OUTCOMES

1. Studying the role of precast technique in construction.
2. Understanding quality assurance in precast concrete elements.
3. Understanding quality achieved in Production and Erection.
4. Finding out methods to overcome the drawbacks.

SUITABILITY

All the professionals junior to senior level, involved in planning, designing, construction and maintenance of Precast Structures from State & Central Govt. Departments, Corporate sectors, Private Construction companies etc.

METHODOLOGY

The course is designed to provide a comprehensive learning by way of formal lectures, case studies etc.

FACULTY

Experts from Industry in the relevant field including professors from IIT Hyderabad and NIT Warangal.

PROGRAMME VENUE, DATES & TIMINGS

Venue: NAC Campus, Hitex Grounds, Hyderabad – 500084.

Dates: 25th to 27th May, 2023 (3 Days).

Timings: On the first day, registration will commence at 09:30 hrs. On all other days, the program timings will be from 10:00 – 17:00 hrs with breaks in between for tea and lunch.

COURSE FEE

Non-Residential: Rs.7,500/- plus 18% GST per participant. Fee includes course material, Course Kit, lunch, tea / coffee and snacks.

Residential: Rs.12,000/- Plus 18% GST per participant. Fee includes course material, course kit, breakfast, Dinner, lunch, tea / coffee and snacks. The accommodation will be A/C twin-sharing as per availability.

CERTIFICATE

A certificate of participation will be awarded to each participant on conclusion of the program.

MODE OF PAYMENT

Program fee is to be paid in favor of “**Director General, National Academy of Construction (NAC), Hyderabad**” in the form of demand draft / cheque payable at Hyderabad.

Alternatively, the payment may be made by cash / Electronic Fund Transfer (EFT) to:

DG NATIONAL ACADEMY OF CONSTRUCTION-HYDERABAD-SB A/c. No. 62422229281 with SBI, MADHAPUR- 500 081, **IFSC Code SBIN0021162, GST No. 36AAAN0794MIDH.**

While using EFT method of payment, please ensure to communicate us your company name, our invoice reference and program title.

REGISTRATION

To register please send your nominations giving details of name, designation, contact address, email address, mobile numbers of the participants along with the details on mode of payment of fee.

Addressed to:

The Director, PG Courses, National Academy of Construction, NAC Grounds, Cyberabad, Hyderabad-500084, Direct Phones: 9290021976, (040) 23110839, (040) 23111916

Email: pgcourses@nac.edu.in , muralidhar@nac.edu.in , Website: www.nac.edu.in

Course Director

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Director, PG Courses

Course Co-ordinator

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