

Dr. N.G.P. Institute of Technology
(Approved by AICTE, New Delhi, Affiliated to Anna
University, Chennai and Accredited by NAAC with A+
Grade & NBA
(BME, CSE, ECE, EEE& Mechanical)
Coimbatore - 641 048

REGISTRATION FORM

1. Name :
2. Qualification :
3. Institution :
4. Address for
Communication :
5. Phone No
Mobile
E-mail :
6. Payment Details
D.D.No
Bank
Amount :

Signature of the Participant

ORGANIZING COMMITTEE

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Dr. Nalla G Palaniswami
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Kovai Medical Center & Hospital

Dr. Thavamani D Palaniswami

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Dr. N.G.P. Institute of Technology

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Dr. N.G.P. Institute of Technology

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Dr.P.Muthupriya
Professor & Head
Department of Civil Engineering
Dr. N.G.P. Institute of Technology

Co-Ordinator

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One Day National Workshop on
“Prefabricated Concrete Structure”
June 4th, 2022



Organized by

Department of Civil Engineering

In association with



**Association of Consulting
Civil Engineers (I),
Coimbatore Centre**



**Indian Geotechnical
Society,
Coimbatore Chapter**

KEYNOTE SPEAKERS

Dr.M.Kaarthik

Assistant Professor,
Department of Civil Engineering,
Coimbatore Institute of Technology,
Coimbatore.

Mr. S. Makesh Kumar

Assistant Professor
Department of Civil Engineering,
Government College of Technology
Coimbatore.

ABOUT Dr.N.G.P. INSTITUTE OF TECHNOLOGY

Dr. N.G.P. Institute of Technology established in the year **2007** is located in Coimbatore, Tamil Nadu. It is run by Kovai Medical Center Research and Educational Trust, Coimbatore. The Chairman Dr. Nalla G. Palaniswami and Secretary Dr. Thavamani D. Palaniswami are basically medical practitioners by profession, started this Institution with the vision of imparting quality technical education. The Institute is approved by All India Council for Technical Education (AICTE) and affiliated to **Anna University**, Chennai. It is also recognized by **UGC** under Section 2(f) and 12(B), accredited by **NAAC with A+(3.36 out of 4)** and eligible programmes are accredited by **NBA** (BME, CSE, ECE, EEE and Mechanical). The Institute offers **8 Under Graduate Programmes** in BE - BME, CSE, Civil, ECE, EEE and Mechanical and B.Tech - IT and AIDS. It also offers **5 Post graduate Programmes** namely ME - Engineering Design, Computer Science and Engineering, Embedded Systems Technologies, Power Electronics and Drives along with MBA. The Departments of CSE, ECE, EEE and Mechanical Engineering are **Recognized Research Centres of Anna University**, Chennai. The students are passionately mentored by 183 faculty members out of which 68 faculty members are holding their Ph.D Degree and 69 are pursuing their Ph.D. The Institute is located within a serene green campus and has well planned infrastructure. The institute also established center for e-learning, TLC and digital library to enrich teaching-learning process. Through AICTE funded IPC, the Institute established industry powered centers like Center for Robotics e-Yantra, Texas Instruments Center, NI LabVIEW Academy, etc., to train the students on emerging technologies. In order to bridge the gap between industry and academia MoUs have been signed with SIEMENS Ltd, Oracle Corporation, CISCO Systems Inc, Texas Instruments, IBM India Pvt. Ltd., National Instruments, CODISSIA, Siemens Healthcare Pvt. Ltd., KEF Infrastructure India Pvt. Ltd. etc. The Institute in association with Ministry of Human Resource Development (MHRD), Govt. of India has established 'MHRD's Institution's Innovation Council (IIC) in the year November 2018 to systematically foster the culture of Innovation. The main objective of IIC at NGP ITECH is to encourage, inspire and nurture young students by supporting them to work with new ideas and transform them into prototypes while they are informative years. IIC - NGP ITECH has secured maximum star ratings and helped the Institution to achieve Band Excellent Rating in ARIIA Institutional ranking for fostering innovations.

ABOUT THE DEPARTMENT

The Department of Civil Engineering was established in the year of 2011. The students are trained to upgrade themselves, and the department is striving to mold them a better engineer for the society with the practical training afforded from reputed industries. The Department also provide consultancy services in the domains of Total station Surveying, Concrete sample Testing, Sand Grading, SPT for various strata, Non Destructive Tests such as Rebound Hammer Test and Ultrasonic Pulse Velocity Test, etc., The department has received a total grant of about 9.45 lakhs from various funding agencies like ISRO, AICTE, TNSCST, DST (SERB) and CSIR for various technical events. MoUs are signed with the renowned Industries to bridge the gap between industry & Academia.

VISION

Enhance Technical knowledge to meet industrial Expectation and lead the society toward sustainability.

MISSION

MD1-To organize practical oriented learning through novel teaching methods for the betterment of students

MD2 - To stimulate the graduates to become technically skilled professionals, managers and employers in the field of civil engineering

MD3 – To emphasize the professional challenges and contribute to the growth of Science and Technology in partnership with industry

MD4 – To create centre of excellence by providing resourceful laboratory and Research facilities

MD5 – To develop the student community with social responsibility and moral values

ABOUT THE WORKSHOP

The workshop can be attended by Students,builders, developers, contractors, teaching fraternity, researchers, practicing engineers and consultants. New Construction Technologies are needed for faster construction and speedy delivery of projects in India. Some of the new and modern construction technologies, which are picking up fast in the country are Monolithic construction technology, Prefabricated Engineering buildings (PEB) using Structural steel, Prefabricated Prestressed and Precast RCC construction, Composite construction. Other construction technologies catching up are Insulated wall construction, and Light gauge steel construction.

While adopting for the prefabricated construction, 90% of the units are made in the factory well in advance and transported to the site, for erection and jointing, and thus construction speed is achieved and buildings/projects could be completed much faster compared to the conventional construction. In addition, the wastage and dust pollution are largely reduced in the construction.

OBJECTIVES

- The main objective of this workshop is,
- To understand the importance of Prefabrication
 - To know the process of prefabrication of various structural elements
 - To understand the assembling and dismantling of prefabricated components
 - To understand the joining techniques in prefabrication

TOPICS TO BE DISCUSSED

- Need and Importance of Prefabrication
- Joints for different structural connections
- Components of Prefabricated structures
- Elements in Precast Concrete Building Systems
- Methods and Application of Precast concrete construction

SESSION DETAILS

Morning session of the workshop will be with two keynote speakers and afternoon session is Industrial visit to KMCH construction site (prefabricated structures).

REGISTRATION FEE

- Registration fee includes Kit and Lunch
- Registration fee can be paid by Demand Draft drawn in favor of “The Principal, Dr.N.G.P. Institute of Technology, Coimbatore” payable at Coimbatore.
- The application in the attached format is to be sent to the coordinator on or before May28th, 2022.

Participants	Amount (Rs.)
• Students	100
• Academicians	150
• Industry and R&D Organizations	250