



NEW HORIZON
COLLEGE OF ENGINEERING
New Horizon Knowledge Park, Ring Road, Marathalli
Autonomous College Permanently Affiliated to VTU, Approved by AICTE & UGC
Accredited by NAAC with 'A' Grade, Accredited by NBA

DEPARTMENT OF CIVIL ENGINEERING

Organizes

Webinar

On

“Precast structures”

By

Dr. M. N. HEGDE

Retired Professor of Civil Engineering,
& Dean (Academics)

Dr. Ambedkar Institute of Technology,
Bengaluru

Date: 16.10.2020

Time: 12.00 PM

Venue

Zoom

Department of Civil Engineering

All are cordially invited



NEW HORIZON COLLEGE OF ENGINEERING

New Horizon Knowledge Park, Ring Road, Marathalli
Autonomous College Permanently Affiliated to VTU, Approved by AICTE & UGC
Accredited by NAAC with 'A' Grade. Accredited by NBA

DEPARTMENT OF CIVIL ENGINEERING

Webinar

On

“PRECAST STRUCTURES”

Date: 16/10/2020

Time: 11.00 A.M to 12.30 Noon

RESOURCE PERSON



Dr. M. N. HEGDE

Retired Professor of Civil Engineering,
& Dean (Academics)
Dr. Ambedkar Institute of Technology,
Bengaluru-56

Convener

Dr. Niranjan P S

Professor and Head
Department of Civil Engineering, NHCE.

Co-ordinators

Prof. Surendra B V

Dr. Vinay Kumar B M

Mr. Yogesh K S & Mr. Rahul NK

Dear Participants;

Welcome you all for the one day webinar on **“PRECAST STRUCTURES”**. On **16th OCTOBER 2020 at 11 AM**, conducted by the department of Civil Engineering, New Horizon College of Engineering, Bengaluru.

The link for attending the session is given below. The same link will be used for re-joining the sessions. The platform that we are going to use is Zoom App.

I kindly request the participants to download the app beforehand.

nhexam6@newhorizonindia.edu is inviting you to a scheduled Zoom meeting.

Topic: nhexam6@newhorizonindia.edu's Zoom Meeting

Time: Oct 16, 2020 10:45 PM India

Join Zoom Meeting

<https://zoom.us/j/99315392034?pwd=eGFYZ2RMbytBaHkwcDloeid3K3JjUT09>

Meeting ID: 993 1539 2034

Passcode: 042584

One tap mobile

+12532158782,,99315392034# US (Tacoma)

+13017158592,,99315392034# US (Germantown)

Dial by your location

+1 253 215 8782 US (Tacoma)

+1 301 715 8592 US (Germantown)

+1 312 626 6799 US (Chicago)

+1 346 248 7799 US (Houston)

+1 669 900 6833 US (San Jose)

+1 929 205 6099 US (New York)

Meeting ID: 993 1539 2034

Find your local number: <https://zoom.us/j/99315392034>

Regards

Organizing Committee, Civil Dept., NHCE, Bangalore

To
The Principal
New Horizon college of Engineering
Bangalore

Date: 10.10.2020


Through Professor and Head, Department of Civil Engineering

Respected sir,

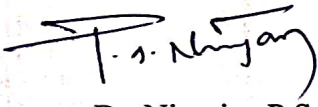
Subject: Permission to conduct Webinar on Topic, "Precast structures"

The department of Civil Engineering would like to organize a webinar in Zoom on the above topic. The resource person is Dr. M. N. HEGDE, Rt. Professor, Civil Engineering Department, Dean Academics, Dr. Ambedkar Institute of Technology, Bengaluru. The event is scheduled on 16.10.2020 at 12.00 PM in the department of civil engineering. Hence I request for your permission for the successful conduction of the lecture.

Thanking you


Prof. Surendra B V

Associate Professor
Department of civil engineering, NHCE


Dr. Niranjana P S

Professor & HOD
Department of
civil engineering,
NHCE

Ref: NHCE/CV/2020-21/Webinar/

To
Dr. M. N. HEGDE,
Rt. Professor,
Civil Engineering Department,
Dean Academics,
Dr. Ambedkar Institute of Technology, Bengaluru.

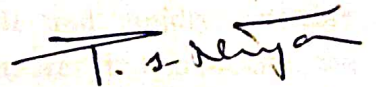
Date: 20.10.2020

Dear sir,

Subject: Regarding webinar on Topic, "Precast Structures"

We are extremely pleased to have you as a resource person for webinar titled, "Precast structures" conducted on 16.10.2020. The participants, students, as well as faculties have been immensely benefitted by your expertise on this topic. Your session was informative and interactive and has created a lot of interest amongst the students in the topic you had covered. Hoping for further participation from your end in workshops/ Expert lectures/ symposium that would be arranged in our institution.

Thanking you



Dr. Niranjan P S
Professor & HOD
Department of
civil engineering,
NHCE

Department of Civil Engineering

REPORT ON WEBINAR

Date: 16/10/2020

With the blessings of NHEI Management, having constant encouragements of our respected Chairman Dr. Mohan Manghnani, and Principal Dr. Manjunatha a WEBINAR is conducted in order to enhance online learning skills of our faculties and students, the department of Civil Engineering hosted on the following schedule and the topic:

Topic: "Precast Structures"

Date: 16th October, 2020

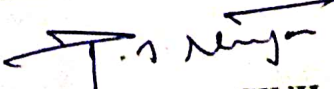
Resource person Dr. M. N. HEGDE, Rt. Professor, Civil Engineering Department, Dean Academics, Dr. Ambedkar Institute of Technology, Bengaluru

Time: 12:00 PM to 2:30 PM

Description:

Precast concrete facilitates a construction method using durable and rapidly erectable prefabricated members to create cost-effective and high-quality structures. In this method, the connections between the precast members as well as between the members and the foundation require special attention to ensure good seismic performance. Extensive research conducted since the 1980s has led to new precast concrete structural systems, designs, details, and techniques that are particularly suited for use in regions of high seismic hazard. This paper reviews the state of the art of these advances, including code developments and practical applications, related to four different systems: (1) moment frames; (2) structural walls; (3) floor diaphragms; and (4) bridges. It is concluded from this review that the widespread use of precast concrete in seismic regions is feasible today and that the jointed connection innovation introduced through precast research leads to improved seismic performance of building and bridge structures.

Program: For this Webinar, registration link using Google meet ID and password was created. The link was circulated among registered participants, faculties and students of Civil Engineering, and faculties of other departments. More than 88 participants both Teaching Faculty Members and Students have participated. At the beginning, Dr. P.S. Niranjan HOD gave a welcome address to the participants and after the presentation Dr. Vinay Kumar., Associated professor, CED, delivered the vote of thanks.


HOD - CIVIL