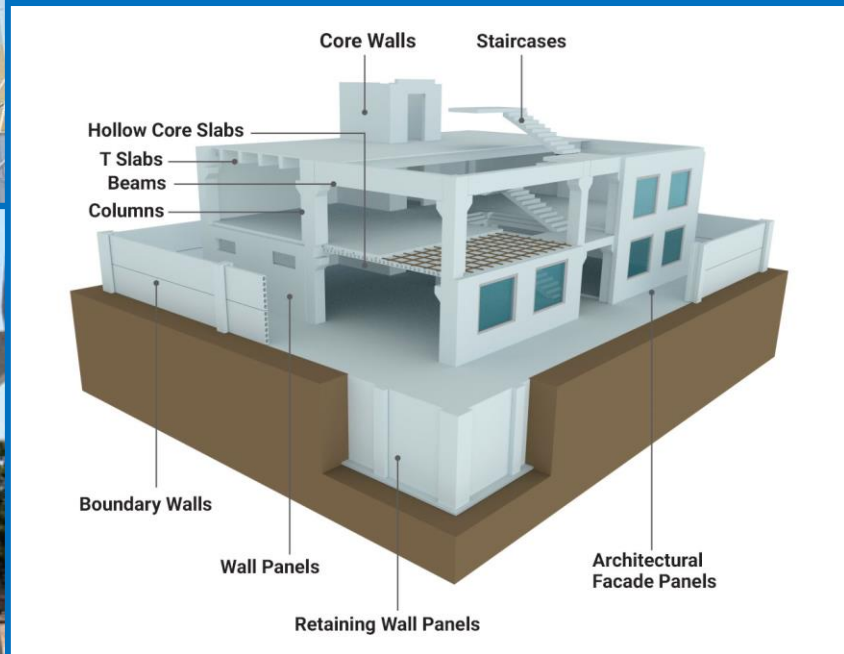


Online Refresher Course on

Analysis, Design & Construction Aspects of Precast Structures

13th January 2024 till 24th February 2024

Every Saturday from 15:00 Hours to 18:00 Hours (IST)
(through zoom webinar)



ABOUT THE COURSE

Continuing education for design and construction industries professionals is essential continuing education which ensures them stay up to date on the latest research, innovations, and options available for future projects. Mainly the design and construction of high-performance structures, IAStructE aims to ensure that professionals have a full understanding and knowledge of high-performance precast concrete and its benefits, applications, and design methodologies.

This online refresher course provides the practical aspects of precast building design starting from the selection of the appropriate structural system considering design criteria at various stages, calculation of different loads & load combination in the building, modelling, analysis and design of large panel, frame systems, detailing of elements and the design of associated connections based on relevant codes. The course also includes the plant production process, moulding & casting, curing, storage, transportation, handling, erection and quality inspection of precast elements.

Invited speakers are drawn from different sections of the industry, namely, academicians, practicing designers and consultants, construction agencies, manufacturers.

This online Refresher Course will be a great opportunity for virtual networking among the designers, construction experts, practicing engineers and postgraduate students involved in precast structure practices.

HOW TO REGISTER

(Last date of registration is January 05, 2024)

**Register from the link: <http://iastructe.co.in/online-refresher-course.php>
and send the delegate details and payment details as shown in the step 1 & 2 given below**

STEP 1: Registration fee shall be paid through NEFT/RTGS/UPI as per bank details given below :

Beneficiary: Indian Association of Structural Engineers
C. Account No.: 10151200388
State Bank of India(07196)
Branch Address: Flyover Market,
Defence Colony, ND 110024
IFSC: SBIN0007196
MICR: 110002034
SWIFT CODE: SBININBB382
GST NO.: 07AAATI3885P1ZZ

UPI ID : 10151200388@sbi



STEP 2: The details of the participant (Name, Designation, Organization, Email id, Mobile no.) along with the proof of payment shall be sent to iastructe@gmail.com to complete the registration. Students must send their valid student ID card (scanned) along with proof of payment. The registration link for each day's session shall be sent one day prior to the each session to the confirmed participants only. The members who will apply in the category of young engineers for an additional discount of 10% should send their DoB proof.

REGISTRATION FEE

IAStructE Members : Rs 5,000/-* + 18% GST
Non Members : Rs 7,500/-* + 18% GST
IAStructE Student members : Rs 1,000/- + 18% GST
Students : Rs 2,000/- + 18% GST
Foreign Nationals : INR 10,620/-*

(Foreign nationals - 20% discount for members of MoU Associations, JSSI, IStructE UK, SEANeP)

** Additional 10% discount for Young engineer age upto 35 yrs*

Every five registration from one organization will entail one free registration from the same organization

(E-certificate of participation will be provided to those who will have 80% attendance during the entire course)

Proficiency certificate will be provided to those who will qualify the assessment test, which shall be conducted after concluding session

SPONSORSHIP OPTION

ENTITLEMENTS	DIAMOND SPONSOR INR 3,00,000 + 18% GST*	GOLD SPONSOR INR 2,00,000 + 18% GST*	SUPPORTER INR 1,00,000 + 18% GST*
Presentation Slot	15 mins.	5 mins.	NA
Advertisement in SED (Quarterly journal of IAStructE published as soft copy)	One Colour Page (for four issues)	One Colour Page (for two issues)	One Colour Page (for one issue)
Advertisement in monthly Newsletter	One Colour Page (for six issues)	One Colour Page (for four issues)	One Colour Page (for two issues)
Complimentary delegates	15	10	5
	Logo in Flier, Banner & all related correspondence		
	Company Profile to all delegates		

For any clarification, please contact the IAStructE Secretariat on

Email iastructe@gmail.com, Tel: 011-45794829, +919968299155

PROGRAMME - Refresher Course on Analysis, Design & Construction Aspects of Precast Structures

TIMINGS: 15:00 HRS TO 18:00 HRS (IST) (Every Saturday from January 13, 2024 to February 24, 2024)

Course Coordinator: Dr. S. P. Anchuri, GC member, IAStructE
Course Co-Coordinator: Prof. S. Suriya Prakash, Professor, IIT Hyderabad

S.No.	Title	Duration	Proposed Faculty
DAY 1 (January 13, 2024)			
Welcome & Inaugural (15 min)			
1	Opportunities and Challenges in the Construction of Precast Structures	75 mins	Mr. Amit Barde <i>Head, Precast Initiative, Larsen & Toubro</i>
2	Material Aspects for Durable and Sustainable Precast Structures	75 mins	Prof. Manu Santhanam <i>Professor, IIT Madras</i>
	Sponsor presentation	15 mins	TBN*
	Q&A	15 mins	
DAY 2 (January 20, 2024)			
3	Overview of different Precast Concrete Systems – Part 1	75 mins	Mr. Saurabh Purandare <i>Director, Innovela Building Solutions</i>
4	Overview of different Precast Concrete Systems – Part 2	75 mins	Mr. C. A. PRASAD <i>Director, Metey Engineering & consultancy Pvt. Ltd</i>
	Sponsor presentation	15 mins	TBN*
	Q&A	15 mins	
DAY 3 (January 27, 2024)			
5	Analysis of Precast Buildings and Code Provisions	75 mins	Mr. Sanjeev Sharma <i>Melior Construction</i>
6	Design aspects of Precast Buildings and Code Provisions	75 mins	Mr. Shridhara C N <i>Associate Director, PRECA Solutions India Pvt Ltd</i>
	Sponsor presentation	15 mins	TBN*
	Q&A	15 mins	

DAY 4 (February 03, 2024)			
7	Analysis and Design of Joints and Connections	75 mins	Dr. Ajay Chourasia <i>Senior Principal Scientist, CSIR-CBRI</i>
8	Design and detailing of various Connections with Case Studies	75 mins	Mr. Sathiyaseelan <i>Teemage Builders</i>
	Sponsor presentation	15 mins	TBN*
	Q&A	15 mins	
DAY 5 (February 10, 2024)			
9	Seismic and Wind Design Consideration for Precast Systems	75 mins	Dr. Meher Prasad A. <i>Professor, IIT Madras</i>
10	Seismic Performance Precast Buildings: Past, Present and Future	75 mins	Dr. Sri Sritharan <i>Professor, Iowa State University, USA</i>
	Sponsor presentation	15 mins	TBN*
	Q&A	15 mins	
DAY 6 (February 17, 2024)			
11	Planning Aspects of Precast Buildings	50 mins	Mr. Stephane Paumier <i>Director, SPA Design Pvt Ltd</i>
12	Plant and Machinery Considerations for Producing Precast Elements	50 mins	Mr. Shridhar Rao <i>Elematic India Pvt Ltd</i>
13	Manufacturing of elements and erection considerations in Precast Buildings	50 mins	Mr. Yogesh Kajale <i>B. G. Shirke Construction Technology Pvt Ltd</i>
	Sponsor presentation	15 mins	TBN*
	Q&A	15 mins	
DAY 7 (February 24, 2024)			
14	Quality Assurance Aspects & Testing	60 mins	Dr. S. Suriya Prakash <i>Professor, IIT Hyderabad</i>
15	Case Studies in Large-Scale Precast Construction	60 mins	Mr. Raj Pillai <i>Chief Technology Officer</i> <i>JMC Projects (A Kalpataru Group Enterprise)</i>
16	Past Earthquake Performance of PEB structures and critical aspects for EQ safety	60 mins	Prof. R. Pradeep Kumar <i>President, IAStructE & Director, CSIR-CBRI, Roorkee</i>
	Panel Discussion	30 mins	All the speakers based on availability
	Online Assessment Test for Participants		
	Closing Remarks		

The faculty / subject shown above is tentative subject to the confirmation

**To be notified*