

National Seminar & Exhibition on

## **GLOBAL TRENDS IN**

# **CONCRETE-STEEL COMPOSITE STRUCTURES**

DESIGN AND CONSTRUCTION











**Supporting Professional Associations** 





Accredited CPD Programme of



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#### **ABOUT THE SEMINAR**

India is one of the fastest growing economies in the world and construction sector contributes significantly to this growth. Government of India together with public and private sectors has charted ambitious growth plan including Residential, Commercial and infrastructure segments. This formidable task is possible only with innovative design and construction technologies. The Concrete-Steel composite structure may include the Composite Floors, Composite Beams and Composite Columns used individually or in varying combinations to make the design cost-effective and efficient to the desired performance and service requirements. Steel and concrete are

optimally used to act together and thereby reducing the Life-Cycle costs and save valuable construction time.

It is to ensure that the Structural system performs the required design parameters by optimizing the material usage as well as geometric properties of the elements of all the subsystems. Apart from the technical aspects of efficiency, economy and elegance, sustainability and holistic developments also need to be duly considered in design and construction.

Concrete-Steel composite structures have now become a global trend, especially in urban scenario. The seminar deliberates on design and constructability aspects.

#### **OBJECTIVE**

The Seminar is intended to bring together Architects, Structural Engineers, Builders, developers, Practicing Engineers, Researchers, Manufacturers and other construction industry related professionals including students to share relevant knowledge required to achieve optimum results and constructability solutions that ultimately give rise to more sustainable projects addressing Global Warming and Carbon footprint issues.

WHO SHOULD PARTICIPATE	TAKE AWAY			
Academicians	For knowledge assimilation, dissemination, interaction and Status review			
Consultants	Gain insights into new technologies and meet potential clients			
Designers / Architects	To know recent trends in design, materials and their application			
Builders	To understand new technology, gain communication skills and confidence to implement			
Equipment and Material Manufacturers	Showcase/launch products to the right clientele and key decision makers by displaying their Merchandise, Systems, Process and testing gadgets			
Government, Semi Government, Private and Autonomous Organizations	Meet, learn, interact and share experience about projects/product service			
Project Managers	Interact with Consultants, Manufacturers, Applicators, etc.,			
Students	To know the current trends, needs, gain exposure to STEEL AND CONCRETE COMPOSITE STRUCTURES FOR HIGH RISE BUILDINGS			

#### **PROGRAMME DETAILS**

DAY -1, FRIDAY, 10th I	May 2019	DAY - 2, SATURDAY, 11th May 2019					
08.30 AM to 09.00 AM Registra 09.00 AM to 10.30 AM Inaugura 10.30 AM to 11.00 AM Coffee B 11.00 AM to 01.30 PM Technica 01.30 PM to 02.00 PM Lunch B 02.00 PM to 03.45 PM Technica 03.45 PM to 04.00 PM Tea Bre 04.00 PM to 05.45 PM Technica	ration Break cal Presentation Break cal Presentation eak	11.00 AM to 11.30 AM 11.30 AM to 01.30 PM 01.30 PM to 02.00 PM	Technical Presentation Lunch Break Technical Presentation	04.00 PM to 05.30 PM 05.30 PM to 06.00 PM 06.00 PM to 08.30 PM	ACCE(I) Awards Presentation & Felicitation of Eminent Engineers		

#### **ABOUT ACCE(I)**

ASSOCIATION OF CONSULTING CIVIL ENGINEERS (INDIA), was formed and registered under society act in 1985, to encourage and foster the ideals of the profession, conduct programs of knowledge dissemination enhancing civil engineering proficiency. Headquartered at Bangalore, ACCE (I) has pan India presence with 5000+ members belonging to 22 centres at Ahmedabad, Akola, Bangalore, Bidar, Chennai, Coimbatore, Chidambaram, Davangere, Delhi, Dharwad, Goa, Hyderabad, Hubli, Indore, Karimnagar, Mangalore, Madurai, Mysore, Nagpur, Nashik, Vijayawada and Vishakhapatnam.

ACCE (I) has several technical programs on continuous basis. These

include; Technical talks, Workshops, Conferences, Conventions, Seminars and Symposia, Exhibitions, Technical Visits, Annual conventions, Family get together, Placement Orientation Programs, Industry-Academia Interaction, Endowment talks etc. Library facility to its members, Skill Development Programs, Student Chapters, and Technical Publications, competitions, speak volumes about plethora of activities by ACCE (I).

As Nation Builders, Civil engineers have a tremendous burden on their shoulders in creating a new sustainable society in which we value our limited natural resources and create a new world order where our future generations can breathe a sigh of relief and that is ACCE (I) commitment.

#### **TOPICS & LEAD SPEAKERS**

Design & Construction of

#### **Dhirubai Ambani Convention Centre**

Mumbai



Statue of Unity (SOU)



**Design Concepts in Steel - Concrete Composite Structures** 



Design & Construction of Composite Structure : Case Study

#### **Prestige Tower & Bagmane Tech Park**



**Design and Construction of Bogibeel Bridge** 



**Construction Challenges in Steel-Concrete Composite Structures** 



**Deliberations on the** 

salient features of IS 11384



**Abhishek Pal** Scientist 'C' CED- BIS, New Delhi **Design and Construction of Chenab Bridge** 



Mantrala Srinivas Prof. Madhavi Latha Vice President, Technical, Indian Institute of Science, AFCONS Infrastructure Limited, Bangalore Mumbai

Role of Precast Technology in **Composite Structures** 



**High Performance Concrete** for Composite Construction

Prof. K V L Subramanian

Professor, Dept of Civil Engineering Indian Institute of Technology Hyderabad (IITH).



**Composite Technology for Sustainable Infrastructure** 

Dr. Aravind H Bhashyam Professor, Dept of Civil Engineering Christ University, Bengaluru





### **ECI Accredited CPD Program**

The ACCE(I) Foundation Day Seminar on "National Seminar & Exhibition on GLOBAL TRENDS IN CONCRETE-STEEL COMPOSITE STRUCTURES - DESIGN AND CONSTRUCTION" is an ECI Accredited CPD Program with 18 Credit Hours. All professionals registered with ECI can make use of this Engineering Council of India opportunity by registering as delegates.

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**DELEGATE FEE**\*

Members of ACCE(I), ICI, INSTRUCT	Delegates	Accompanying Spouse	Student Member of ACCE(I)	Non Student Member	
3000	3500	2000	1250	1500	

#### **SOUVENIR ADVERTISEMENTS #**

Advertisements will be printed in the Souvenir.

Full Page Colour ₹10,000.00 Half Page Colour ₹6,000.00

Participation Fee includes: Delegate Kit, Conference Proceedings in CD, Lunch/Coffee/Tea, Banquet and Certificate of participation.

# Fees inclusive of 18% GST

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