



Consulting Engineers Association of India NEWSLETTER

JUNE 2019

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FROM THE
PRESIDENT'S DESK



IN THIS

ISSUE

Dear Members,

Month of July 2019 is going to be important in the annals of CEAI, hosting the FIDIC ASPAC annual conference for the first time.

ASPAC countries are increasingly becoming important for India, with the sustained look east policy of the country.

We are happy to have received registration in large numbers from both Indian and International delegates. The response from speakers – International and Indian, have been commendable. I would urge you readers, to register even now, if you have not.

We have been taking up the cause of the Consulting fraternity with various authorities, and shall be reporting to you as progress is achieved. The first report has already reached your hand.

Western zone hosted a successful event, report on which is included in this issue.

Thanks and Regards,

Amitabha Ghoshal

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ADVANCED WORKSHOP ON STEEL DESIGN

CEAI-Western Region Centre jointly with Institute for Steel Development & Growth (INSDAG) and the Centre of Excellence in Steel Technology at the Indian Institute of Technology Bombay very successfully conducted the *“Advanced Workshop on Steel Design”* at Mumbai on 14th & 15th June 2019 as a sequel to the two in 2012 and 2015. It was planned on the basis of the feedback received for the earlier two.



Dr. H Subbarao and Mr. A P Mull starting off the workshop

During the inaugural session Mr. A P Mull, Past President CEAI and Former MD & CEO Tata Consulting Engineers accorded a warm welcome to all the dignitaries and participants, briefed them on CEAI, its activities, the responsibilities and accountabilities of engineers and the need for legislation for engineers. Dr. H Subbarao, Chairman CEAI-WRC and CMD Construma Consultancy also welcomed everyone and introduced the themes for the course. He stressed on the need for proper design especially for seismic forces and also to treat fire as a load.



Mr. Jeffrey Nambiar – Welding Procedure Specification

Mr. Jeffrey Nambiar, Hon. Secretary cum Treasurer and Director Chempro Expertise Pvt Ltd. thanked the participants many of whom had come from the north, south and east of the country; the speakers and the IIT Bombay team who had helped organize the workshop.



Mr. A P Mull – Ethics and Quality

To bring everyone on the same wave length vis-à-vis the workshop started with the behavior of structures and manner in which loads are taken up by structures. Thereafter there was a quick recap of the basic principles of Limit State Design of Steel Structures. The sessions then moved on to the design of steel structures treating fire as a design load on the structure. This is essential in view of the numerous FIRE incidences that have occurred in urban and industrial areas. Design for SEISMIC forces - analysis and design aspects were dealt with. WELDING was the third area. Discussions were also held on Ethics and Quality. The engineers were exhorted to design and construct as per codes and standards at the least and go beyond them when necessary and be true and honest to the profession.

Around 140 participants from all over the country, comprising individual persons and those from different organisations encompassing Consulting & Contracting firms, Government Departments, Public Sector Undertakings, Faculty and Students from Engineering Institutions/ Colleges, et al attended the workshop.



Mr. Charles F Simoes – Design as per American Institute of Steel Design (AISC)

The topics covered and the faculty who made the presentation were:

Behaviour of Structures

Prof. Siddhartha Ghosh, IIT Bombay

Metallurgy of Steel

Mr. Sanjay Nandanwar, Associate VP, JSPL

Basics and Recap of Limit State Design

Dr. Harshavardhan Subbarao, Chairman, CEAI-WRC
CMD, Construma Consultancy Pvt. Ltd

Structural Design for Fire

Dr. S R Satishkumar, IIT Madras

Design as per American Institute of Steel Design (AISC)

Mr. Charles F Simoes, Former Associate Director, Aker Solutions

Fire Resistant Design of Steel Structure

Dr. Suvir Singh, Group Leader & Chief Scientist, Fire Research Group, CSIR-CBRI, Roorkee

Osdag- Software for Steel Design and Detailing

Prof. Siddhartha Ghosh, IIT Bombay

Carbon Footprints of Steel Structures

Mr. Subhasis Pradhan, Product Development & Application Engineering Group, JSPL

Advances in Design under Seismic Conditions'

Prof. Meera Raghunandan IIT Bombay

Welding Procedure Specification

Mr. Jeffrey Nambiar

Hon. Secy cum Treasurer, CEAI-WRC
Director, Chempro Expertise Pvt. Ltd

Case Study (Composite Structure)

Mr. M M Ghosh, Asstt GM (C&S), INSDAG

Ethics & Quality

Mr. A P Mull, Past President CEAI

Co-Chairman CEAI-WRC

Former CEO & MD Tata Consulting Engineers Limited

Design of Connections

Dr. S R Satishkumar, IIT Madras

Connections for Seismic Conditions'

Mr. Yogesh Pisal, Manager (CSA), Aker Solutions



View of Participants

Participants keenly followed all the sessions and sought clarifications plus shared their knowledge and experience during the sessions as well as during the breaks. The Q&A session on the second day went on way way past the closing time. The workshop was very well received by all the participants. The speakers were happy with the quality of queries and the participants with the explanations given.

WEBINAR PRESENTATION ON QUALITY ASSURANCE FOR STRUCTURAL ENGINEERING FIRMS – CHALLENGES AHEAD

CEAI organised a webinar presentation on "Quality Assurance for Structural Engineering Firms - Challenges Ahead" on 7th June 2019. The webinar meeting was attended by 38 participants.

Mr. Alok Bhowmick, Member of CEAI Governing Council and Chairperson of Membership Committee, delivered the presentation. Mr. Bhowmick has more than 38 years of rich and relevant experience in the field of Bridge & Structural Engineering. He is presently running a very renowned and widely acclaimed consulting firm by the name of "B&S Engineering Consultants Pvt. Ltd."

Mr. Bhowmick in his presentation highlighted the components of a model QA program and review various procedures, tips, techniques and strategies for conducting in-house quality assurance reviews on structural design and drawings.

FIDIC ASPAC CONFERENCE IN NEW DELHI

CEAI is hosting FIDIC – ASPAC 2019 Conference for the first time ever in New Delhi from 7th to 9th July 2019 on the theme "*Quality Infrastructure for Clean and Sustainable Development*".

Tentative program

Monday, 8th July 2019

Inaugural Session

Plenary Session :Infrastructure Industry Revolution

Focus Session 1 :Urban Mobility

Focus Session 2 :Coastal & Marine Development

Tuesday, 9th July 2019

Focus Session 3 :Energy and Quality of Life

Focus Session 4 :Young Professionals Open Forum

Focus Session 5 :Business Opportunities with
Regional Cooperation

Focus Session 6 :Technological Developments

In addition to the well known Indian speakers, eminent experts from USA, Korea, Japan, Hong Kong, Morocco, France, Switzerland, Spain, Romania, Ghana, China, Indonesia etc. have confirmed their participation and will present their views on the above themes during the conference.

Registration Fee : Indian/Domestic

CEAI Members	₹12000
Non-Member	₹15000
Accompanying Person	₹ 5000
Young Professional	₹ 6000
<i>Plus GST @ 18%</i>	

10% discount would be given if there are 5 or more participants from same organization.

For more details about the conference, please visit Conference website

<http://www.aspacdelhi2019.com>

B2B MEETING

The FIDIC ASPAC Conference is being held in partnership with the Services Export Promotion Council of the Ministry of Commerce, Govt of India and is supported by the Department of Scientific & Industrial Research (DSIR), Ministry of Science and Technology and the Ministry of Shipping, Government of India. We expect support from more Infrastructure Ministries and Multilateral Development Banks.

As part of the FIDIC-ASPAC conference, there will be a B2B meeting on 8th July 2019 (full day). The B2B meetings will be organised in association with Services Export Promotion Council (SEPC). SEPC is part of the Ministry of Commerce and its objective is to help export of services from India. SEPC will be formally conveying to us the modalities of the B2B meeting, but in general, following are the main points:

- The B2B meeting will be organised in parallel to the Technical Session on Day 1 of the

Conference in an independent hall at Le Meridien.

- The purpose of the B2B is to enable and encourage export of services to **Overseas Customers** (or **BUYERS**). The Customers or **BUYERS** could be from Overseas Government Agencies, Public or Private Sector Undertakings, NGOs or Individual Entrepreneurs.
 - The **BUYERS** could be from the **developing** countries in Asia, Africa or Europe with large potential for Indian companies. Some could also be from select **developed** countries.
- This is an excellent opportunity for companies, both big and small, to explore the Overseas Market.
- The **SELLERS** would be Indian companies (both CEAI member and non members) who wish to offer their services to the buyers.
 - The SEPC and CEAI invites **SELLERS** or Indian Companies who are exporting or wish to export services to participate in the B2B meetings on payment of a registration fee to SEPC (that will be conveyed).
 - Indian Companies will have to register with SEPC on their website and also provide IC No. Companies who do not have an IC No., can obtain the same easily.
 - The **SELLERS** are encouraged to give the names and contact details of **BUYERS** they wish to do business with. The SEPC will partially sponsor those **BUYERS** who they select.
 - SEPC reserves the right to select the **BUYERS** based on Govt Policy. To indicate seriousness in their intent, SEPC encourages **BUYERS** to send their Top Officers.
 - For Partial sponsorship of **BUYERS**, SEPC will Arrange economy class air tickets for the Foreign **BUYERS** up to Rs. 50,000 per person.
 - Provide free of cost accommodation in the Le Meridien/ other Hotel subject to availability for 2-3 days

We request all who are interested to participate in this B2B meeting to prepare lists of possible BUYERS. BUYERS could be Clients, Contractors, Consultants, etc. who wish to collaborate with Indian companies.

Interested members are requested to register as a seller at the SEPC website link

<https://www.servicesepec.org/enggin2019/exhibitor-registration/>

FIDIC INTERNATIONAL INFRASTRUCTURE CONFERENCE

The FIDIC International Infrastructure Conference 2019 will be held at Mexico City from 8 to 10 September 2019.

Registration details are as below:

Registration Category	Second Deadline (Late Bird)	Onsite Deadline
	From 1 st June 2019	From 6 th September 2019
FIDIC Member	1150	1350
Non-Member	1400	1600
Member of YPF	1000	1200

(All fees are in US dollars)

For more details, please visit FIDIC Conference website <http://fidic2019.org>

VIEW POINT

The themes for the next four issues of Viewpoint spread over a year would be:

- (a). **Safety & Security in Planning, Design & Construction** (September 2019) {Construction

inter alia implies fabrication, erection, testing, commissioning, operation and maintenance.}

(b). **Pollution** (December 2019)

(c). **Building Services** (March 2020)

(d). **New Materials & Systems for Buildings** (June 2020)

Considering the experience of CEAI members and various stakeholders in the subject, CEAI would be happy to receive articles on the above themes.

Authors could share their knowledge and experience by providing case studies of the works executed or in execution, firsthand accounts of the challenges faced, practical issues experienced and the solutions to those, etc. Photographs, charts, diagrams, drawings, etc. would benefit our readers for better appreciation of the issues encountered and addressed.

The articles for an issue need to reach CEAI at least 6 weeks prior to the month of the Viewpoint issue. Articles need to be in Times New Roman 12 with single line spacing with before and after 6 pt and normal margin on A4 size.

Advertisement in View Point

VIEW POINT is circulated to all CEAI Members, FIDIC, Ministries of the Government of India, Public & Private Sector Undertakings, Construction Firms, Contractors, Consultants, Foreign Missions and Funding Institutions in India and other organisations related to or dealing with the engineering profession.

Advertising in the VIEW POINT gives the advertiser wide exposure and visibility.

The rates for advertisements in VIEWPOINT are given below. This is excluding GST @18% or as prescribed, which will be extra:

Item	Rate Per issue* (Rs)	Discounted rate at 20% for 4 consecutive issues (from June 2019 to March 2020)* (Rs)
Back Cover **	25,000/-	80,000/-
Inside Front Cover	15,000/-	48,000/-
Inside Back Cover	15,000/-	48,000/-
Full Page	10,000/-	32,000/-

*GST @ 18% or as prescribed will be added to the above rates.

**Back Cover booked till December 2019.