



Creating Value Ethically for Engineers

FROM THE

## PRESIDENT'S DESK



IN THIS

# ISSUE

*Dear Members and Friends,*

The month of May has been full of activities for CEAI. Most of the Committees conducted at least two meetings and are moving ahead in their areas.

At the invitation of NHAI, I attended a workshop organized by them to promote e-BG and Insurance in lieu of paper BG. Trust that our members working in the highway sector would be making use of the facility.

The Ministry of Commerce is prepared to extend its support to expand and enhance the export of services, especially in the engineering consultancy Sector. As reported earlier CEAI is in the process of collecting details from members and organizing a workshop in association with SEPC.

Two webinars were organised – the first on the NATM Scissor Crossover for Mumbai Underground Metro and the second on Ethics and Integrity at the workplace. Both were appreciated by the audience and very well attended.

The Construction Law Course which will be held on weekends is set to start in June 2023. It has been welcomed by all.

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**WEBINAR ON DESIGN & CONSTRUCTION OF NATM SCISSOR CROSSOVER FOR MUMBAI UNDERGROUND METRO**

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It has been brought out earlier that the Hon'ble Minister of Road Transport and Highways has been showing his anguish regarding delays in projects due to lacunae in Detailed Project Reports (DPRs). CEAI is planning to organize in mid-June a workshop in association with the concerned authorities inviting all stakeholders to identify the issues and chalk out a road map for improving the quality of DPRs.

CEAI will organize an International Conference on ***“Rivers - Cleaning, Rejuvenation, and Sustainability”*** in December this year. CEAI looks forward to your active participation and support.

Consulting Engineers are requested to actively participate in the matters concerning the fraternity and be a part of the Association for that and pave the way for the development and growth of the country.

*Warm regards,*



**R S Sharma**

## **WEBINAR ON “DESIGN & CONSTRUCTION OF NATM SCISSOR CROSSOVER FOR MUMBAI UNDERGROUND METRO”**



The second webinar organised by the YP Forum of CEAI was held on 10<sup>th</sup> May 2023 on ***“Design & Construction of NATM Scissor Crossover for Mumbai Underground Metro”***.

The presentation was made by Mr. Prathap Muniyappa, Lead Designer (Tunnel & Geotechnical), Geo-consult India Pvt. Ltd.

Mr. Muniyappa briefed that the construction of underground structures for the metro rail projects is always challenging as the project works normally affect many adjacent surface structures which have stringent settlement criteria and protection requirements. Project implementation becomes even more complex when the overburden is shallow and the area of the cross-section is comparatively large as was the case for the *crossover structure which had to be constructed between the twin TBM Bored tunnels*. For optimized construction feasibility, construction staging and geotechnical stability of the excavation are critical, hence detailed design of the primary support and modified construction sequence was carried out in accordance with the principles of NATM design.

## **WEBINAR ON “ETHICS & INTEGRITY AT THE WORKPLACE”**

CEAI organised a webinar on ***“Ethics & Integrity at the Workplace”*** on 26<sup>th</sup> May 2023 to advocate ethical practices amongst the consulting fraternity in their day-to-day functioning.

Mr. R S Sharma, President CEAI in his opening remarks briefed about CEAI and its activities and said that the ethics and integrity are the two pivotal areas of CEAI. He welcomed the speakers and participants to the webinar.

The eminent speakers were:

Mr. Craig L Martin, Former President and CEO of Jacobs Engineering Group who gave the Keynote Address.

Mr. Richard Stump, Chair-Integrity Management Committee of FIDIC, delivered a special address.

Panel speakers were

(a) Ms. Nidhi Mehendiratta, CHRO, Head -Ethics and CSR, Tata Consulting Engineers Ltd., and

(b) Mr. Himanshu Nautiyal, Former Head Business Excellence, WCM & Sustainability for Chemicals. Fertilizers, etc. Aditya Birla Group.

Ms. Sayona Philip, Chairperson of Ethics & Quality Committee of CEAI, Moderated the webinar.

Mr. Umesh Shrivastava, Chairperson of Ethics Sub-Committee of CEAI while making the closing remarks, thanked all the eminent speakers for sharing their time, expertise and some unique perspectives and made it a truly enriching experience for all the participants.



## CONSTRUCTION LAW COURSE

CEAI Western Region Centre has organised a ***“Construction Law Course”*** starting from 10<sup>th</sup> June 2023 at the Indian Merchants’ Chamber, Churchgate, Mumbai.

### Objective of the Course

***The boom in construction has brought in its wake increased litigation. That primarily stems from lack of proper understanding of the laws that govern construction contracts.***

The Consulting Engineers Association of India, has held very successful seminars, workshops and courses on contracts, arbitration, professional indemnity, et al in which there were extensive and intensive interactions between the faculty, the participants and the organisers. The feedbacks received called for a course on Construction Law.

*In response to those requests the Consulting Engineers Association of India has in the interest of national development and the professionals associated with construction projects, tailor made a course on Construction Law which would educate the attendee on the nuances of law as applicable to avoid disputes for Clients/ Owners/ Employers, Construction Companies, Vendors & Suppliers, and Consultants so that the project is completed as intended.*

The course will be held over weekends (Saturdays & Sundays) 10:00 am to 12:00 pm IST, starting from 10<sup>th</sup> June 2023 and ending on 12<sup>th</sup> August 2023. **Time will be given for interaction with the faculty.**

The course will be based on The Indian Contract Act, 1872; The Arbitration and Conciliation Act, 1996; The Indian Evidence Act, 1872; The Limitation Act, 1963; and Professional Liability. It will cover:

- **Engineering Law**
- **Contractual Problems of Project Execution**
- **Mechanism of Amicable Settlement of Differences**
- **Practical Application i/c holding a Moot Court**

The Moot Court and an Exam will be held at the end of the Course and Certificates will be awarded to the participants who attend 75% of the lectures of the course.

Physical participation by persons from outside Mumbai is required only for 2 days; 10<sup>th</sup> June and 12<sup>th</sup> August 2023.

### **Faculty**

Eminent persons from the legal sector well versed with construction law.



**Dr. Vandana Bhatt**  
PRO CARE  
Contract Administration  
Consultant



**Dr. Milind Wankhede**  
Legal Advisor  
Construction Contracts &  
Arbitration Law  
Adjunct Professor  
Indian Institute of Technology  
Bombay



**Ms. Vrushali Shah**  
Proprietor  
ED On Center  
Technolegal Consultant



**Mr. Chetan Kavdia**  
Founder  
Secure Legal & Associates



**Mr. G C Kabi, FCI Arb**

Head  
Kabi and Associates

**Mr. Rajat Taimni**

Partner  
Tuli and Co., Advocates and  
Solicitors  
Head of Practice-Dispute  
Resolution

**Mr. Hasit Seth**

Independent Counsel &  
Arbitrator

**For Course fee please refer to the Brochure.**

Registration Link to fill form online: <https://forms.gle/NWoMEpGHVQswr7PM7>

## **CEAI'S COMPENDIUM PRESENTED TO HON'BLE MINISTER OF EDUCATION**

The Compendium prepared by CEAI was presented to Mr. Dharmendra Pradhan, Hon'ble Minister of Education by past President Dr. Ajay Pradhan on 12<sup>th</sup> May 2023. The Minister appreciated the work being done by CEAI.

### **FROM THE DIRECTOR'S DESK**

During the month of May 2023, the Committees that met to conduct their business were:

- CEAI Academy
- President's Council
- Seminar & Events Committee
- Ethics & Quality Committee
- Environment & Sustainability Committee
- CEAI Foundation
- FIDIC Committee



Meetings of the Membership Committee and Finance Committee were also planned but were rescheduled to first week of June due to unexpected work commitments of some members.

CEAI Secretariat was involved in FIDIC Asia Pacific Board Meeting and Communications Committee.

CEAI Future leader forum and CEAI Ethics and Quality Committee successfully conducted the webinar on Design & Construction of NATM Scissor Crossover and Business Ethics & Integrity at the Work Place respectively.

The Term of Reference (TOR) of most Committees are ready barring some minor deliberations. The CEAI Secretariat is reviewing a compendium of the TOR (already finalized by all Committees) for the convenience of GC for reference purpose.

CEAI Secretariat on receipt of consent from the President submitted four applications for FIDIC MA awards. The applications submitted were: -

- a) CEAI Compendium: under award category of ‘Publication and Reports’
- b) Seminar on Goodbye L1, held on 4<sup>th</sup> March 2020 at New Delhi: under award category of ‘Significant or Outstanding Achievement’
- c) Seminar on “Multi Modal Integration for Transport Network” held on 27<sup>th</sup> May 2022 at New Delhi: under award category ‘Events & Conferences’
- d) Conclave on ‘Exploring Business Opportunities Abroad for Construction & Design Engineering Consultancy, Engineering, Architecture & Environmental Services’ held on 2<sup>nd</sup> September 2022 at New Delhi: under award category ‘Events & Conferences’

Reminders for subscription notice for the financial year 2023-2024 have been sent to members. Members who have not paid their subscription, are requested to pay their subscription at the earliest.

CEAI extended the date for the survey meant to gather data for deciding the subjects in which training should be given, set the priorities, and how the education and training could be delivered.

## VIEWPOINT

The theme for the June issue is *“Climate Resilient Infrastructure”*.

The world has been witnessing unprecedented natural phenomena which are causing widespread destruction. Many reasons are given for that. Be what they may, however, with the country undergoing rapid transformation in its Infrastructure sector, that is the sector for which the maximum care needs to be taken to address the effects of Climate Change. Infrastructure development affects people the most. In that again the transportation sectors – the people and goods movers, comprising roads, highways, bridges, railways, metros, airports, and ports result in large-scale changes to the natural topography, flora, and fauna. Housing, water & wastewater, stormwater drainage, power, telecommunication, etc. also affect everyone, especially in built-up areas. The investments in all these are enormous and so are the efforts to make them fructify. It is therefore up to the Engineers who conceptualise, plan, design, construct and maintain to do so in a manner that is not only sustainable but also addresses the issues of climate change. It is also necessary that the end products can withstand the vagaries of nature for their design service life. Case Studies could also be given where IoT has been used for Infrastructure works provided with sensors and real-time monitoring systems for better control and to provide advance warning by identifying vulnerabilities or abnormal behaviour thereby allowing for a faster and more timely response.

Professionals involved in the above developments are requested to share their experiences, learnings, and how they have addressed the issues.

The theme for the other issues for the term 2023-2024 are:

September 2023	Consultancy for Rural Area Development. Guest Editor – Mr. Girish Mishra
December 2023	Consultancy in the Industrial Sector
March 2024	Consultancy for Start-Up and MSME
June 2024	Affordable Housing
September 2024	Energy Transition
December 2024	Recycling & Reuse of Building Materials in the Construction Industry

The articles for an issue need to reach CEAI at least 3 weeks prior to the end of 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. A recent clear and bright passport-size photograph of the author(s) is to be sent along with the article. For details on formatting please refer to “*Format for Articles for CEAI Viewpoint*” on CEAI’s website, under ‘*Publications*’.

### Advertisement in ViewPoint

ViewPoint is circulated to all CEAI Members, FIDIC, Ministries of the Government of India and State Governments, 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. Thus, all stakeholders partnering development and progress are its readers.

**Catch the Customers Eye**

***Get Wide Exposure***

***Improve Visibility***



**VIEWPOINT**

Support from CEAI members and stakeholders are sought for increasing the number of advertisements so that ViewPoint gains in its stature as a unique Technical Publication for the fraternity and the public at large to spread information about how Consulting Engineers are helping society for improving the quality of life and doing so sustainably.

The rates for advertisements in **VIEWPOINT** with effect from 1<sup>st</sup> January 2023 are given below:

Item	Rate Per issue* (Rs)	Discounted rate at 10% for 2 consecutive issues* (Rs)	Discounted rate at 20% for 4 consecutive issues* (Rs)
Back Cover	25,000.00	45,000.00	80,000.00
Inside Front Cover	18,000.00	32,400.00	57,600.00
Inside Back Cover	18,000.00	32,400.00	57,600.00
Full Page (Colour)	12,000.00	21,600.00	38,400.00
Full Page (Colour), if a specific page position is required.	14,000.00	25,200.00	44,800.00
Full Page (B&W) (such advertisements will be taken up for printing only when there are 4 or multiple of 4 advertisements for an issue)	8,000.00	14,400.00	25,600.00

Notes: \*GST @ 5% or as prescribed will be added to the above rates.

\*\*Inside Front Cover booked till June 2023

\*\*\*Inside Back Cover booked till September 2023





CONSULTING ENGINEERS ASSOCIATION OF INDIA

**WE OFFER****FIDIC TRAINING COURSES**

- **Module I : Practical Use of FIDIC Conditions of Contract**
- **Module II : Management of Claims and Disputes Resolution**
- **Module IV : Contract Management and Administration**

The investment in infrastructure is growing and would continue to grow at an accelerated rate in the near and distant future across the Globe and especially in developing economy like India. The multilateral financial institutions are pouring in funds and want to be a part of the India growth story. These MDBs invariably use the FIDIC Conditions of Contract which are acclaimed as the Gold Standard of Conditions of Contract Globally.

The FIDIC Conditions of Contract are being used the world over where multi-lateral development banks provide the funding. And in large complex Government projects.

With a number of large and complex projects BOTH on-going and planned in the country, this training course will bring the participant the necessary detailed knowledge and insights as to the claim management and dispute resolution provisions under the FIDIC Conditions of Contract.

It covers the identification of project risks, their allocation, and the various causes of claim which can emerge over a construction contract and the way FIDIC addresses those. It details the way to handle claims – preparation, submission, assessment, determination under FIDIC Contracts, and how disputes are prevented or otherwise resolved.

**Certificate**

After completion of the training a Certificate will be distributed to the participants.

***The comprehensive  
program on FIDIC Contracts  
led by accredited trainers***

**Contact for further query**

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