



Creating Value Ethically for Engineers

FROM THE

PRESIDENT'S DESK



IN THIS

ISSUE

Dear Members and Friends,

With April, the new financial year in India, has begun. Strategies have been planned and implementation started so that the targets set for the current fiscal can be met. It was also the month to review the previous year's performance and also for introspection regarding the results. The economy of the country has almost recovered from the adverse effect caused by the pandemic for almost two and a half years and is now on a fast growth trajectory. I trust that the consulting engineering fraternity involved are also making their due contribution in the development works. Apart from being a part of the country's growth story, that would help in improving their inventory and balance sheets.

In addition to the domestic market's growth, India has also achieved a record export of over US\$700 million during the 2022-23 fiscal. The Hon'ble Minister of Commerce, Shri Piyush Goel invited representatives of all stakeholders involved in the services sector to congratulate them for their remarkable achievements. There are, however concerns about engineering consultancy, as it does not have a sizeable share in the export of services. The Hon'ble Minister expressed his desire to help engineering consultancy in whatever way it would be possible so that this sector is able to work on overseas projects, preferably from India, and utilise its trained manpower and cost advantages.

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To push for that CEA I will organise a workshop in association with the Services Export Promotion Council (SEPC). I request all who are providing engineering consultancy overseas as well as those who are interested in doing so, to join and share experiences and how to increase participation of engineering consultancy in other countries.

Warm regards,



R S Sharma

WEBINAR ON MODERN TREND IN DESIGN & CONSTRUCTION OF STRUCTURE AND A CASE STUDY ON EXTRADOSED BRIDGE



The CEA I Young Professionals Forum organised its first webinar on "*Modern Trend in Design & Construction of Structure and A Case Study on Extradosed Bridge*" on the 14th April 2023 for which the speaker was Dr. Bidhan Chandra Roy, who has multi-faceted experience, encompassing teaching, project planning design and implementation, technology, innovations, research, management, business growth, and even preparation of standards and codes.

Dr. Roy briefed about the modern trends in the design and construction of bridges, elevated structures, underpasses and tunnels. He then presented a case study on the extra-dosed bridge (Nivedita Setu) which is the first of its kind in India. He also briefed about the basic concept of the design and construction of innovative structures.

MEETING WITH HON'BLE SHRI PIYUSH GOYAL, MINISTER OF COMMERCE AND INDUSTRY

The Hon'ble Shri Piyush Goyal, Minister of Commerce and Industry held a meeting on 19th April 2023, to appreciate and felicitate the services sector for the outstanding and record export of services for the year ending 31st March 2023. It was attended by stakeholders and services exporters.

Mr. Vipul Bansal, Joint Secretary, Department of Commerce addressed those present. The Hon'ble Commerce and Industry Minister listened to the various suggestions and difficulties represented by various members and said that the Ministry of Commerce would be keen to support the services sector in terms of creating business enabling environment including cross border, overcoming barriers, provide necessary infrastructure support, market access support and key support from Embassies/Mission. He reiterated that there would not be any SEIS kind of incentives. Service exporters must work out their costing and fees/ charges/ remunerations in a manner that they make a profit but do not ask for any financial assistance from the Government.

As regards the difficulties faced on Project exports, the Hon'ble Minister suggested that the responsible council should interact with SEPC. Difficulties of GST and other provisions in Income Tax were also discussed and proposals were invited which should also give an increase in the exports and Foreign Exchange earnings for India.

The Ministry of Commerce would be requested to work with other ministries so that the Indian Missions would organize conclaves/ b2b meetings in foreign countries wherein India has a larger scope for export or for exporting to a country where Indian service providers have so far not been represented in the market.

Please send suggestions so that CEAI can collate and put them forward effectively.

MEETING WITH CHAIRMAN NHAI

CEAI had submitted a representation to the Chairman NHAI in February 2023 giving a list of 11 items requiring immediate attention.

1. Delay in approval of CVs of Professionals
2. Staffing for O&M Projects
3. Reduction in Remunerations of Professionals on leave/ absence
4. Voluntary Disclosure by Consultants
5. Extending the provisions of omnibus BG beyond 31.12.21
6. Payment of GST with Invoice
7. Deduction of TDS on DPR Services
8. Blacklisting of Key Professional
9. Timely Payment
10. Escalation in DPR Projects
11. Deterrent Actions against Consultant Firms

Chairman NHAI invited a CEAI delegation for a meeting on 20th April 2023. The delegation comprised:

1. Mr. R S Sharma, President
2. Mr. K K Kapila
3. Mr. Yaduvendra Mathur
4. Mr. JVL Narayana
5. Mr. Alok Bhowmick
6. Mr. Tarun Rawat, and
7. Mr Rajiv Maini

Mr Venkataraman, Member NHAI and three senior CGMs joined the discussions along with the Chairman NHAI.

President CEAI briefed Chairman NHAI about CEAI, its objectives, and activities. Thereafter, the items as per representation were taken up for discussion.

Apart from the issues stated in the representation, Mr Kapila mentioned about the amendment in the FR rules for the procurement of Consultants and Contractors. Mr Yaduvendra Mathur mentioned about the eligibility conditions for a Team Leader requiring experience in DPR and an unreasonably high number of projects required to score full marks. He also mentioned about the requirement of DPRs in hand for AE/IE projects which were also responsible for low bids for the DPRs.

The Chairman expressed his concern about low bids and desired a solution to end the problem. Mr. L P Padhy, CGM NHAI mentioned that initially, the supervision Consultancy cost was about 6 %

of the civil cost. In IE/AE the cost reduced to 4%. Now the AE/IE supervision cost is only about 0.5%, which is a cause for worry, as low bids may affect the quality adversely.

The proposal of CEAI Academy was well received by the Chairman NHAI and he assured his support.

The Chairman stated that he was very keen to discuss the issues in detail with CEAI and would arrange another meeting shortly. He asked CEAI to submit any further issues in writing so that the same could also be discussed in the proposed meeting.

In view of the above, CEAI members are requested to identify additional issues, if any, and give a brief write-up along with the suggestions for amendment of any provision in RFPs of NHAI



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

The second webinar by the YP Forum of CEAI will be held on 10th May 2023 at 4 pm. The topic will be **“Design & Construction of NATM Scissor Crossover for Mumbai Underground Metro”**.

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

Brief about the presentation

The construction of underground structures in 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, *crossover structure had to be constructed between the twin TBM Bored tunnels*. For optimized construction feasibility, construction staging and geotechnical stability of the excavation are critical, the detailed design of the primary support and modified construction sequence was carried out in accordance with the principles of NATM design

Webinar link:

<https://us02web.zoom.us/join/zoom/register/tZAkDOCppjluHdAiys8psT1hZzZlvHuwk6h7>

WEBINAR ON “ETHICS & INTEGRITY AT THE WORKPLACE”

CEAI is organizing a webinar on “*Ethics & Integrity at the Workplace*”, to advocate ethical practices amongst the consulting fraternity in their day-to-day functioning. It believes in instilling values of ethics in the workforce at the workplace, so that it becomes a way of life, and results in long term positive impacts on an organisation and its business. The webinar is planned to be held on 26th May 2023 at 11 00 am (IST).

CONSTRUCTION LAW COURSE

CEAI Western Region Centre has organised the “*Construction Law Course*” starting from 10th 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 10th June 2023 and ending on 12th 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; 10th June and 12th 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

For Course fee and Early Bird Offer please refer to the Brochure.

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

NATIONAL LIST OF TRAINERS FOR FIDIC CONDITIONS OF CONTRACT

The FIDIC conditions of contract are used in all multilateral funded projects. As a part of the loan, there is invariably a component of training as many engineers are not aware of the FIDIC Conditions of Contract. CEAI has been providing training in Module#1 and Module#2 through FIDIC accredited trainers from outside India, as there no trainer available in the country.

In view of that constraint, CEAI has decided to help in the training of few individuals who are desirous and have the potential to be FIDIC accredited trainers. There is an urgent need to have at least 1-2 FIDIC accredited trainers who can provide training in India as well as in-the neighbouring countries.

CEAI has prepared an action plan to encourage and develop Indians capable of providing training on the FIDIC conditions of contract. The implementation alternatives, discussed and agreed upon in the FIDIC Committee Meeting, are given below.

Step 1: -Generate National List of Trainers

CEAI will prepare a list of potential trainers who are knowledgeable on FIDIC Conditions of Contract and are willing to become FIDIC Accredited Trainers. Letters of interest are invited from such persons who will then be evaluated and a short list will be prepared. CEAI can also organize a mock training to test their knowledge on Module 1 and Module 2.

Step 2: -FIDIC Accredited Trainer

The persons in the short list finalized in Step 1, above will be provided full support by CEAI and CEAI will also arrange specific training for them through one of the accredited trainers. Besides, CEAI will also provide financial assistance to a few selected candidates. The details of the financial assistance will be finalized by the Governing Council.

The interested persons may send their response to CEAI Secretariat through e-mail by 15th May 2023. CEAI will provide clarifications that may be needed.

MEMBER NEWS



Mr. K. K. Kapila has been honoured with the '**Award of Excellence**' for his immense contribution to the corporate world. This award has been bestowed on him for his '**Distinguished**

Leadership'. It was organised by the EM-UEM Group of Educational Institutes. The seminar and Corporate Award Ceremony were held at the Research and Innovation Park, Indian Institute of Technology Delhi on the 22nd April, 2023.

This award is an acknowledgment of Mr. Kapila's years of hard work, dedication, and commitment to achieving excellence in his field. The ceremony was also an excellent platform to share knowledge and experience with others and inspire future generations of leaders. The award serves as evidence of Mr. Kapila's unwavering determination and steadfast pursuit of excellence.



Mr. V N Heggade has been named in the *fib* Fellows awarded in 2023. The International Federation for Structural Concrete (*fib* - *Fédération internationale du béton*) considers that it is crucial to recognise *fib* members that have been active for many years and have contributed to the goals of the *fib*. The *fib* fellows fulfill the following criteria: (1) they are current *fib* members and have been for the last ten years; (2) they have embraced the values of the federation, and (3) they have provided continuous outstanding contributions to the development of concrete and concrete structures or the development of the *fib* through the participation in Task Groups and Commissions or other means. The contributions to concrete structures can be in education, research, design, and construction.



FROM THE DIRECTOR'S DESK

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

- CEAI-WRC Committee
- Constitution Review Committee

- Environment & Sustainability Committee
- FIDIC Committee
- Governing Council (GC) Committee
- Publication Committee
- Young Professional Forum Committee

The Term of Reference (TOR) of most Committees are ready barring some minor deliberations. The CEAI Secretariat will prepare a compendium of the TOR for the convenience of GC for its reference.

President has given consent to apply for FIDIC MA awards under categories. The last date of Submission for awards is 22nd May 2023. The details of the same will be updated in the next issue of the newsletter.

Subscription notice for the financial year 2023-2024 has been circulated to members. We would request members, who have not paid their subscription, to pay their subscription at the earliest.

CEAI conducted a survey on the following:

1. Survey on Quality in Construction
2. Survey by Young Professional Forum of CEAI inviting members to present webinars/ lectures
3. Survey by CEAI Academy 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.

CEAI had circulated correspondences containing issues as listed below:

1. Meeting of CEAI delegation with Chairman NHAI
2. Inviting names for the National List of Trainers on FIDIC Conditions of Contract

VIEWPOINT

The theme for the June issue is ***“Climate Resilient Infrastructure”*** for which the Guest Editor is Mr. J K Singh.

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 1st 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

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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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