



Creating Value Ethically for Engineers

FROM THE

PRESIDENT'S DESK



IN THIS

ISSUE

Dear Members and Friends,

I am delighted to inform that CEAI has been selected for the FIDIC award of Excellence in Consultancy Service-“Showcasing value initiative-Consulting Engineer-CEAI Compendium” in bringing out the *CEAI Compendium* depicting key engineering projects in the 75 years of Independence. This commendable publication was edited and compiled by Dr. S Chatterjee in 2022 when Dr. Ajay Pradhan was the President.

Efforts made by the team led by Mrs Sayona Philip in organising a two day seminar on, “*Quality of Design and Construction for Sustainable Infrastructure*” bore fruits with a packed hall. All the learned speakers selected by the Chairman Technical Committee Mr. V.N Heggade presented high quality content befitting the subject.

On 4th October 2024 CEAI and SEPC are organising jointly Third Global Conclave on Export of Services on “*Design, Engineering, Construction, Space, Energy (incl. Nuclear) and Defence*”. I request your participation

Warm regards,

R S Sharma

SEMINAR ON ‘QUALITY OF DESIGN AND CONSTRUCTION FOR SUSTAINABLE INFRASTRUCTURE’

FROM THE DIRECTOR’S DESK

FORTHCOMING EVENTS

CEAI NEWS

OBITUARY

VIEWPOINT

FIDIC PUBLICATIONS

FIDIC TRAINING COURSES

SEMINAR ON ‘QUALITY OF DESIGN AND CONSTRUCTION FOR SUSTAINABLE INFRASTRUCTURE’

CEAI organised a two day Seminar on ‘*Quality of Design and Construction for Sustainable Infrastructure*’ on 12th & 13th August 2024 at Le Meridien, New Delhi.

The intent was to encourage the engineering fraternity to work towards achieving India’s aspiration to be a global engineering hub. The engineering consultancy sector should on its part work towards achieving a high degree of excellence in the quality of the engineering projects.

The Seminar aimed to address the challenges and opportunities for engineers to achieve quality along with sustainability in projects. It also showcased the best practices and solutions and advocated the adoption of digitalisation to meet the highest standards of Quality.

Mr. O P Goel former DG - CPWD was Chief Guest and Mr. Md Naimuddin, Additional Director General (Tech), CPWD was the Guest of Honor. There were six sessions two each of which focused on the Transport, Buildings and Water sectors. There were expert speakers from the industry and The World Bank, with National and International experience. The presentations were of a high quality, educative and informative. The Seminar concluded with a panel discussion on Quality and Sustainable Infrastructure. The Q&A sessions had active participation by the delegates. The Seminar was well attended over the two days and allowed great networking opportunities for the participants.



R S Sharma, President CEAI Welcoming Chief Guest and Guest of Honour



Lighting of Lamp



Welcome Address by President CEAI



Context Setting by Ms. Sayona Philip
 Chairperson, Quality and Ethics Committee



Keynote Address by Mr. K K Kapila



Address by Guest of Honour
 Mr. Md. Naimuddin



Address by Chief Guest, Mr. O P Goel



Vote of Thanks by Mr. V N Heggade



Inaugural Session



Session 1: Quality of Elevated Infrastructure



Session 2: Quality of Bridge Structures



Session 3: Green Buildings



Session 4: Quality of Built Assets



Session 5: Sustainable Quality in Design and Construction



Session 6: Sustainability Considerations in an Infrastructure Project Life Cycle



Valedictory Session



View of Audience

FROM THE DIRECTOR'S DESK

During the month of August 2024, CEAI conducted the following meetings:

- FIDIC Committee Meeting on 21st August 2024
- Steering Committee Meeting of CEAI Academy on 22nd August 2024
- Ethics & Quality Committee Meeting on 28th August 2024
- Special Meeting for Condolence of Mr. Jeffrey Nambiar on 29th August 2024.
- CEAI-WRC members met the family of Mr. Jeffrey Nambiar at a meeting organised in Mumbai to pay tributes to Mr. Jeffrey Nambar for his unstinted contribution and commendable work done for CEAI
- A brainstorming session was organised by WWF-India and CEAI on 2nd August 2024 to prepare guidelines for highway engineers, designers and developers to consider environmental, forest and wildlife related provisions for designing and implementing Linear Infrastructure (LI) projects - mainly roads, highways, railways and their appurtenances.

FORTHCOMING EVENTS OF CEAI

- Online Training Course on “Design of Cable Stayed Bridges & Extradosed Bridges” on (6th, 7th, 14th, 20th, 21st, 27th & 28th September 2024).
- FIDIC Global Infrastructure conference from September 8th-10th 2024 in Geneva
- SEPC-CEAI Global Services Export Conclave on “Design, Engineering, Construction, Space, Energy (incl. Nuclear) and Defence” scheduled on 4th October 2024 at New Delhi
- Seminar on “Legal Matters Relating to Construction” on 18th October 2024 in Mumbai.
- “Construction Law Course” in November 2024 at New Delhi

CEAI NEWS

FIDIC Member Association Excellence Award 2024

CEAI will be conferred with the FIDIC Member Association Excellence Award 2024 during the Gala Dinner of FIDIC Global Infrastructure conference from September 8th-10th 2024 in Geneva

OBITUARY



With heavy heart, we have to inform that Mr. Jeffrey Aloysious Nambiar, Director, Chempro Expertise Pvt Ltd departed from this earth on 10th August 2024, while he was in Hallstatt, Austria on a vacation with his family.

Mr. Jeffrey was a member of a number of committees of CEAI. He participated actively in all meetings and contributed immensely. CEAI will miss him badly.

Jeffrey Nambiar represented Chempro in the Committees of the Consulting Engineers Association of India. He was the Hon Secretary & Treasurer of CEAI's Western Region Centre ever since its inception over 14 years ago and strived along with the others to make it a vibrant centre for CEAI, organising seminars, courses, workshops, lectures, webinars, etc. and also share his knowledge and experience for the benefit of fellow professionals.

The Members of CEAI-Western Region Centre will always have very good memories of the time that they spent together with Jeffrey at meetings, organising events and at the event itself conducting them fruitfully. His dealings and conduct were always ethical. His dedication and unflinching contributions to CEAI and the engineering fraternity that he represented will be remembered.

CEAI conveys its deepest condolences to his family members and prays that his noble soul rest in peace.

VIEWPOINT

The theme for the September 2024 issue of CEAI's quarterly magazine "*ViewPoint*" is "*Energy Transition*". The Guest Editor for the issue is Dr. S Sakthivel, Deputy General Manager, Technology Team, TATA Consulting Engineers Limited.

Energy is one of the biggest contributors to the carbon emission issue that is at the forefront as a cause for air pollution and climate change. To stem that, different ways and means have been developed to generate electricity from non-fossil fuels. These range from Nuclear and the renewable sources - Solar, Wind, Hydro, Tidal, Geothermal and Biomass. Other than electricity generation per se, sources of carbon emissions include buildings, transportation, and industries in the final energy demand. Energy efficiency is an important part of building design. Electric Vehicles are now replacing Internal Combustion Engine Vehicles. Electric traction through Metros and High-Speed Rails is on the upswing. Focus is now slowly shifting from just electricity generation to industrial decarbonization as well.

Consulting Engineers have been engaged on projects to produce energy from alternative sources. They are invited to share about their projects set up to decarbonization through any of the renewable sources.

Articles could also be on expressing one's thoughts on new ways of doing design, construction, repairs, maintenance, etc. or even on adoption or development of new technology.

A number of consulting engineers and smaller organisations are engaged in these works which do not receive the recognition they deserve since their works do not get publicized. CEAI's ViewPoint provides an opportunity to all those engaged in such activities to share case studies of their achievements, how they addressed the challenges faced, practical issues experienced and the solutions to those, etc. in the various disciplines of engineering. Photographs, charts, diagrams, drawings, etc. would benefit readers for a better appreciation of the issues encountered and the manner in which they were addressed.

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 of formatting please refer to "*Format for Articles for CEAI Viewpoint*" on CEAI's website, under '*Publications*'.

We urge all Professionals to use CEAI's ViewPoint to showcase the capabilities and achievements of the Engineers in India plus educate and guide new engineers.

The theme for the December 2024 issue is "Recycling & Reuse of Building Materials in 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 of 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, Public and 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.

FIDIC PUBLICATIONS

Please contact CEAI Secretariat for availability and price.

1	FIDIC Contracts Guide (2 nd Ed. 2022)
3	EPC Turnkey Contract 2 nd Ed 2017 Silver Book Reprinted 2022 with amendments
4	Construction Contract 2 nd Ed 2017 Red Book, Reprinted 2022 with amendments
5	Plant & Design Build Contract 2 nd Ed 2017 Yellow Book, Reprinted 2022 with amendments
6	The Short Form of Contract (2 nd Edition, 2021).
8	Conditions of Contract for EPC Turnkey Projects (First Edition, 1999).
9	EPC/Turnkey Contract 2 nd Ed (2017 Silver Book)
10	Conditions of Contract for Construction (First Ed. 1999).
12	Construction Contract 2 nd Ed (2017 Red Book).
13	Conditions of Contract for Plant & Design-Build (First Ed, 1999).
14	Plant and design-build contract 2 nd Ed (2017 Yellow book)
15	Dredgers Contract 2 nd Ed (2016 Blue-Green Book).
16	Client/Consultant Model Services Agreement 5 th Ed (2017 White Book)
18	GUIDE to Conditions of Contract for Design, Build and Operate Projects (2008 GOLD BOOK) 1 st Ed 2011
19	Conditions of Contract for Works of Civil Engineering Construction (4 th Ed. 1987 Reprinted 2011)
	Conditions of Contract for Design-Build and Turnkey First Edition 1995 Reprinted 2011.
21	Conditions of Contract for Underground works (2019 Emerald Book)


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

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