



Consulting Engineers Association of India
NEWSLETTER

OCTOBER 2021

www.ceai.org.in

FROM THE

PRESIDENT'S DESK



IN THIS

ISSUE

Dear Friends,

October is always a special time of the year with the beginning of festive season, change of rainy season to winter season in most part of northern and central India.

Like previous month, October has been a very busy with webinars and brainstorming sessions on important subjects like adaptation of FIDIC Contracts and improving the quality of consultancy in India. We will have full calendar till the end of this year with the Annual General Meeting Scheduled for 17th December 2021.

Diwali is round the corner, and I wish you all and your family a very happy, prosperous and safe Deepawali.

As always, thank you for your membership and active participation in all our activities. If you would like to correspond, directly drop a note to president@ceai.org.in

Warm regards,

Dr. Ajay Pradhan

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CEAI NATIONAL AWARDS 2021 – CALL FOR NOMINATIONS

WEBINAR ON “FIDIC CONTRACTS – NEED OF THE HOUR”

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BRAIN STORMING SESSION TO DISCUSS ISSUES & CONCERNS ON QUALITY OF CONSULTANCY SERVICES FOR INFRASTRUCTURE PROJECTS OF NHAI

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- ii) **Webinar on Choosing to be an Engineering Consultant**
- iii) **FIDIC Training on “Practical Use of FIDIC Conditions of Contract”**

VIEW POINT

CEAI NATIONAL AWARDS 2021 – CALL FOR NOMINATIONS

CEAI is pleased to announce the **CEAI National Awards 2021** for Excellence in Engineering Consultancy Services, and invite nominations for the following awards from organisations as well as individuals:

For Organisations

1) Awards for Excellence in Engineering Consultancy Services in each of the following categories:

Category A) Project Engineering

Category B) Engineering Innovation

The Awards would be given separately for two groups of firms. The firms would be defined on the basis of average turnover for the previous 3 years:

- a) Group 1: Less than Rs. 50 crores
- b) Group 2: Above Rs. 50 crores

For Individuals

2) Achievement Awards for individuals as Experts/ Young Professionals:

Category A) Project Engineering

Category B) Engineering Innovation

3) Lifetime Achievement Award

CEAI will constitute an independent jury comprising eminent persons to select the awardees.

The Brochure and Nomination Forms have already been circulated to all members. The last date for receipt of nomination is **31st December 2021**.

WEBINAR ON “FIDIC CONTRACTS – NEED OF THE HOUR”

CEAI Academy organised a webinar to highlight the need to adopt FIDIC Conditions of Contract for all types of works, including the domestic funded programs, thus emphasising the fact that use of FIDIC Conditions of Contract may not be limited to only multilateral development bank funded projects.

The webinar communicated the ease of operation of contracts under the FIDIC environment and highlighted the advantages of adopting FIDIC conditions including the fully operational DAB/DAAB mechanisms.

Mr. Vijay Nadkar, Governing Council Member of CEAI was the Moderator of the event. He accorded a special welcome to Mr Anthony Berry, FIDIC President and other Panellists.

Dr. Ajay Pradhan, President CEAI welcomed the dignitaries and the participants and briefed about CEAI and its activities.

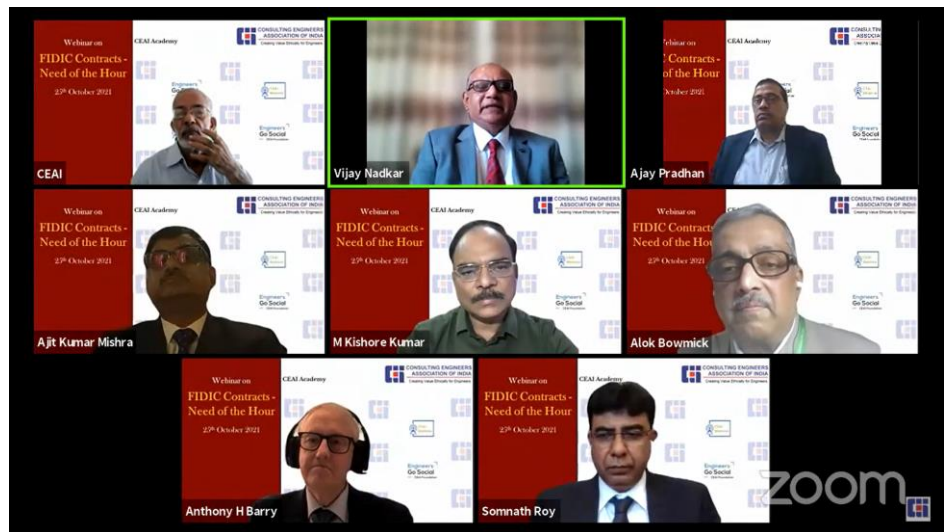
Mr. Anthony Berry, President FIDIC, in his presentation explained the story of FIDIC and structure of FIDIC Contracts. He said that FIDIC offers a wide range of high-quality training on FIDIC Documents conducted by FIDIC Accredited Trainers.

Mr. Ajit Kumar Mishra, Chief General Manager, DFCC, shared his experience from the employer side and explained the need of using selection of FIDIC contracts in various Projects.

Mr. M Kishore Kumar, Director, Aarvee Associates, presented his views pertaining to Highway sector and shared his experience of using FIDIC Contracts in Highway projects.

Mr. Somnath Roy, Sr. Vice President – Contracts, JMC Projects, presented ‘Adopting FIDIC but Deviating from Principles’.

During the concluding remarks, Mr Sudhir Dhawan said that the webinar was really the need of the hour for India with FIDIC Condition of Contracts being used only for foreign aided projects. CEAI has been trying to persuade the Government of India to adopt FIDIC Conditions of Contracts for all projects.



Link: <https://www.youtube.com/watch?v=KKh9Gx-WO7c>

TRAINING SERIES ON SOFT SKILLS

With a view to enable young professionals enhance their communication abilities - both oral and written, CEAI Academy had organized *Training Series on Soft Skills*:

- a) **Training on Problem Solving & Decision Making** held on 23rd October 2021
- b) **Training on Communication Skills, Email Etiquette & Interpersonal Skills** held on 30th October 2021.

The training sessions were conducted by Mr. Abhishek Tula, CEO and Co-Founder, Kaizen Training Solutions Pvt. Ltd.



BRAIN STORMING SESSION TO DISCUSS ISSUES & CONCERNS ON QUALITY OF CONSULTANCY SERVICES FOR INFRASTRUCTURE PROJECTS OF NHAI

CEAI organised a “Brain Storming Session - To Discuss Issues & Concerns on Quality of Consultancy Services for Infrastructure Projects of NHAI”, and was held on 27th October 2021.

This session was organised by CEAI in response to the concerns expressed by Hon’ble Minister MoRTH Shri Nitin Gadkari in a recent meeting of all Consultants called by hm regarding the issues of the road infrastructure sector. He was highly critical of the quality of DPRs being prepared,

which were resulting in Change of Alignment, Change of Scope, etc. resulting in huge financial burden on the Government. He appealed to all consultants to come out with long term solutions to the problems. The broad concerns voiced by the Hon'ble Minister were:

1. Abnormally low-priced Financial Proposals quoted by Consultants
2. Use of fake Curriculum Vitae by Professionals in the project
3. Key Experts not found to be actually involved in Projects
4. Laxity in Survey & Investigation by Consultants in DPR Consultancy Services.
5. Poor quality of construction supervision (AE/IE):
6. Consultant to play bigger role in timely Dispute resolution (AE/IE).
7. Capacity building of Consultants

CEAI's Governing Council strongly felt the need to address the above issues of concern in a collective manner by taking opinions and suggestions from all Members. Many interesting and valuable suggestions were received in this regard. Considering the wide variation in the suggestions given by various professionals, it was thought prudent to organise a brain-storming session inviting all stakeholders representing Client, Contractor, Authority's Engineer, Independent Engineer, DPR Consultants and EPC Contractors Consultants so that comprehensive long-term solution to the issues raised by Hon'ble Minister could be found.

The session was very well attended and many points were raised and briefly discussed. Those would be all collated and then again reviewed before giving concrete suggestions on all the issues of concern raised by Hon'ble Minister.

Link: <https://www.youtube.com/watch?v=OBYXOPvODEY>



FORTHCOMING EVENTS

a) Webinar on “Changing Technologies for Engineering”

CEAI is organizing a Webinar on “*Changing Technologies for Engineering*” to comprehend the vast spectrum of hardware and software that are now available to the Engineers to be able to deliver better and more reliable products for their work.

The Government of India is keen that the professional Engineers deploy these on the projects so that data collection and processing is more accurate and faster plus Project Monitoring & Control is applied across all activities including maintenance of the facilities so that cost and time overruns are cut over their life cycle. In short lean engineering is incorporated and the projects are more sustainable. Engineers are urged to participate and understand what technologies to adopt and thus take their operations forward for the good of all.

The webinar will be held on **13th November 2021 starting at 10:00 am (IST)**

Experts will deal with the main technology changes.

- **Mr. Sanjeev. R.**, Process Consulting Manager, Manufacturing Applications, Dassault Systems India - **Building Information Modelling (BIM): Use for Project Lifecycle + Integrated Project Delivery + Lean Approach.**
- **Mr. Kiran Akre**, Senior Manager, Pinnacle Infotech - **Integrating Design, Engineering and Construction using BIM**
- **Mr. Mandar Thakurdesai**, Director – Project Delivery Services, Worley India - **Agile Project Management (in the Engineering Industry)**
- **Mr. Pradeep Naik**, Head - Interactive Experience Product Engineering, Wipro Ltd. - **Hands-on Experience in Immersive Technologies**

Moderators

- **Mr. Charles Simoes**, Core Committee Member CEAI-Western Region Centre, Adjunct Faculty at Sardar Patel College of Engineering, Former Associate Director Aker Solutions
- **Mr. Suhas P Bhagwat**, Core Committee Member CEAI-Western Region Centre, Founder & CEO, Avroglide Consultants, Former Vice President L&T Hydrocarbon Engineering

All those who register and join the webinar can interact during Q&A session.

Registration Link:

https://us02web.zoom.us/webinar/register/WN_8MBLO7xyTWmsc6DTLcq3Mw

b) Webinar on Choosing to be an Engineering Consultant

CEAI Future Leader’s Forum organising a Webinar on **Choosing to be an Engineering Consultant on 18th November 2021 at 3.00 pm.** The Future Leaders’ Forum of CEAI brings to you a webinar to give clarity on the roles & responsibilities in engineering consultancy, as a profession, focusing on Young Engineers’ prospects.

Future Leaders making the presentations:

- **Mr Jitendra Kumar Singh**, Master's Environmental engineering (IIT- Kanpur), Staff Consultant - Asian Development Bank.
- **Mr Alok Gandhi**, Civil Engineer – NIT Vice President (International)- Consulting Engineers Group (CEG).
- **Er. Dilini Gamage**, BSc Civil Engineering (University of Moratuwa, Sri Lanka), Structural Design Engineer -Ceylon Electricity Board, Sri Lanka.
- **Mr. Kishore Ponnana**, M Tech - Thermal Engineering (NIT Trichy), Senior Manager-TATA Consulting Engineers (TCE).

Moderators:

- **Ms Neha Jain**, Chairperson, Future Leader Forum
- **Ms Harshit Jain**, Director, Consulting Engineers Group

Registration Link:

https://us02web.zoom.us/webinar/register/WN_xNy7-eYiRMa_o_2y7q9quw

c) FIDIC Training on “Practical Use of FIDIC Conditions of Contracts”

CEAI is organising ONLINE FIDIC Training on *“Practical Use of FIDIC Conditions of Contracts”* in November 2021.

The Training will be held daily from **23rd to 26th November 2021 - 2:00 pm to 6:00 pm.**

The faculty will be Mr. Bogdan Oprea, FIDIC Accredited Trainer, who has been very well appreciated by the participants of earlier courses.

REGISTRATION FEE

CEAI Members - Rs. 10,000/- + GST @ 18% | Non-members - Rs. 12,000/- + GST @ 18%

- 5% Discount would be extended if there are 4 or more participants from one organization.
- FIDIC Certificate (Soft Copy) will be issued by CEAI to those who complete the Four day training programme.

Registration Link: https://us02web.zoom.us/webinar/register/WN_3PMOodtkTXK3yBJu2K06qg

Payment Link: <https://www.ceai.org.in/product/fidic-training-practical-use-of-fidic-conditions-of-contract/>

VIEW POINT

The theme for the December 2021 issue is *“Changing Technologies for Consulting Engineering”*. The intent is to bring forth the kaleidoscopic changes that are taking place in the business practices and the tools/ facilities for the consulting engineers. Both are witnessing disruptions due to technology and the wake of the Covid 19 pandemic. A typical consulting engineering business is project based with project life cycle spanning from prospecting till operations through the intermediate stages of planning, design, construction and commissioning. Asset management is now also on the anvil.

Each of the phases is being impacted by accelerating technological disruptions. It is not only the sophisticated design tools that are becoming common place but outsourcing and collaborations across the value cycles are gaining traction. Faster, better and cheaper is now a mandate for all. The crucial role that consulting engineering plays during the lifecycle of an asset is increasingly getting recognized and so are expectations from this business. Since it impacts the entire lifetime operations of assets, it has enhanced responsibilities in providing environmentally friendly design, construction, manufacture, operations, maintenance and disposal/ reutilization once the assets life is over. Safety, health and environment in design and operation are increasingly getting crucial.

The business is getting more global and interdependent. The boundaries between competition and collaborations are getting redefined. Outsourcing is progressing from tactical and operational to a transformative arena. This in turn is paving ways for different business models. The geographical based advantages are slowly getting negated by technological advancements.

Based on above, the papers could inter alia cover changing technologies in all areas such as:

- a) Energy Transition, Water Management, thrust on Sustainability, addressing Climate Change requirements, Digitalisation, etc. that are becoming a must for projects.
- b) Consulting engineering per se such as Tracking and Pursuing Prospective Projects, Bidding, Contracts for Services, Contracts for Works, Smart Engineering (Analysis, Design, Drafting & Visualisation – VR/ AR, etc.), Presentations to clients & public, Collaborative pathways, Knowledge Management, Role of R&D for Consulting firms, Modular Construction Techniques, Project Management (including cost, time, quality, variations, etc.), Advanced Studies/ Simulations/ Specialized Applications, Fire, Health, Safety, Security and Environmental aspects, Disproportionate Collapse of structures, Risks and Mutli-Disaster mitigation, etc.

Professionals – practitioners, academicians and receivers of services are invited to address various aspects of technology led impacts on the consulting engineering business. They are urged to share their knowledge and experience by providing case studies of the works executed or in execution, first-hand accounts of the challenges faced, practical issues experienced and the solutions to those, etc. Photographs, charts, diagrams, drawings, etc. would benefit readers for better appreciation of the issues encountered and the manner in which they were addressed.

The themes for the ViewPoint for 2022 are given below.

Sl. No.	Theme	ViewPoint issue
1	Becoming <i>Atmanirbhar</i> – Concept to Reality Guest Editor: Mr. Pradeep Chaturvedi, Chairman, Interdisciplinary Coordination Committee, IEI	March 2022
2	Contract Management	June 2022
3	Tall Buildings in India (to cover all aspects from conceptualisation to end of design life)	September 2022
4	Technology/ Engineering for Sustainability and Circular Economy	December 2022

The articles for an issue need to reach CEAI at least 3 weeks prior to the end of the month of the View Point 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.

Advertisement in ViewPoint

VIEWPOINT 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. 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 View Point gains in its stature as a unique Technical Publication for the fraternity and the public at large to spread information of how consulting engineers are helping society for improving the quality of life and doing so sustainably.

The rates for advertisements in VIEWPOINT are given below.

Item	Rate Per issue* (Rs)	Discounted rate at 20% for 4 consecutive issues* (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 @ 5% or as prescribed will be added to the above rates.

** Back cover is booked till March 2022

*** Inside Front Cover and Inside Back Cover booked till June 2022

Consulting Engineers Association of India

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