



November 2024

CONSULTING ENGINEERS ASSOCIATION OF INDIA - NEWSLETTER

www.ceai.org.in

Creating Value Ethically for Engineers

FROM THE

**PRESIDENT'S DESK**



IN THIS

**ISSUE**

*Dear Members and Friends,*

In the fast-paced world of engineering consultancy, staying abreast of technological developments and knowhow and ploughing back the experience gained over the years is imperative to be at the top of the curve; it is no more just an advantage – it is an essential necessity. Professionals are constantly navigating complex challenges, managing diverse client expectations, and delivering impactful solutions. To remain relevant and thrive, they must prioritise continuous learning and skill development.

Learning needs in engineering consultancy stem from the dynamic nature of the profession. As markets evolve, so do the client expectations which increase over time and hence the knowledge and the tools required to address them need to be acquired. Consultants must stay updated on the industry trends, emerging technologies, and best practices.

That ensures that they remain relevant and equipped to offer innovative solutions tailored to the clients' needs.

Equally important are interpersonal and managerial skills. Whether its effective communication, strategic problem-solving, or building lasting client relationships, these soft skills are pivotal to success. Structured training programmes can bridge gaps in these areas, enhancing not only individual performance but also the overall quality of service delivered by consultancy teams.

Investing in targeted training is not just an individual responsibility but also a collective effort. Organisations that support their teams with resources for professional growth foster a culture of excellence and adaptability. It also leads to better allegiance to the organisation. For consultants,

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FAP CONFERENCE 2024

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Creating Value Ethically for Engineers

identifying areas for improvement and seeking opportunities to learn are key steps toward achieving long-term success in an ever-changing environment.

In the ultimate analysis, the engineering consultancy profession thrives on expertise, adaptability, and a commitment to delivering value on time to meet the client's requirements. Periodic training and refresher courses play a vital role in shaping these attributes, ensuring that consultants are always ready to tackle the challenges of tomorrow.

Equally important is the focus on soft skills, such as communication - verbal and written, adaptability, and emotional intelligence, which are critical in building strong relationships and fostering trust with clients, contractors, vendors, institutions, authorities, etc.

Structured training sessions, peer-learning opportunities, and knowledge-sharing platforms provide a robust framework for professional development.

For the consulting engineers, embracing a culture of lifelong learning unlocks new opportunities and ensures sustained success in a competitive environment.

With the appointment of a full-time Director for CEAI Academy, the professional engineers and others can look forward to more training programmes on the subjects of larger interests to profession and also students.

*With warm regards,*



*R S Sharma*

## **ANNUAL CONFERENCE OF FIDIC ASIA PACIFIC (FAP) – 18<sup>th</sup> TO 20<sup>th</sup> NOVEMBER 2024 AT KATHMANDU, NEPAL**

The FIDIC Asia Pacific Annual Conference 2024, held from 18<sup>th</sup> to 20<sup>th</sup> November 2024 in Kathmandu, Nepal, was hosted by the Society of Consulting Architectural and Engineering Firms (SCAEF), Nepal, a member association of FIDIC. The theme for this year's conference was "*Governance for Climate Shocks*".

A good number of members of CEAI Attended the conference:

- Mr. R. S. Sharma, President CEAI
- Mr. Prashant Kapila, Member GC, CEAI & Member FIDIC Board
- Dr. Ajay Pradhan, Past President, CEAI
- Mr. Arvinder S Brara, Member GC, CEAI
- Mr. Gagan Anand, Member GC, CEAI
- Ms. Vandana Randhawa, Member CEAI
- Ms. Veera Biradar, Member CEAI
- Mr. Sachin Pant, Member CEAI
- Mr. Ajit Mishra, GM DFCC

With around 400 delegates attending, the conference was a grand success. FIDIC's President Ms. Catherine Karakatsanis also graced the conference. Many senior engineers from consultancy firms and government organisations were present throughout the event. Professionals from the industry and educational institutions also contributed to the discussions.

The Society of Consulting Architectural and Engineering Firms, Nepal (SCAEF) has signed memorandums of understanding (MoUs) with several universities and colleges to promote learning and collaboration. Around 30 volunteers from these colleges played a vital role in organising the event.

The FAP General Assembly Meeting (GAM), chaired by Mr. Sudhir Dhawan, covered several important agenda items. A special mention was made of the active participation of three engineers from the Pakistan Consulting Association. Their enthusiasm and willingness to collaborate with India and other countries were appreciated by everyone.



Mr. R. S. Sharma, President CEAI participating in the Conference



Ms. Catherine Karakatsanis, President FIDIC delivering her address



Mr. S K Kaul Group Director Holtec Consulting received the award from Ms. Catherine Karakatsanis

Mr. Prashant Kapila and Mr. Sudhir Dhawan chaired a session and the Panel Discussion.



Mr. Prashant Kapila



Mr. Sudhir Dhawan

There were 3 speakers from India:

- Mr. Arvinder S Brara
- Dr. Ajay Pradhan
- Mr. Ajit Kumar Mishra



Mr. Arvinder S Brara



Dr. Ajay Pradhan



Mr. Ajit Kumar Mishra



Mr. R S Sharma and Mr. Arvinder S Brara discussing

The FAP Awards were presented during the GAM event. M/s Holtec Consulting Pvt. Ltd. from India received an award for their outstanding project on the Waste Heat Recovery (WHR) designed to harness waste heat generated during cement production process installed at a cement plant in Karnataka.

CEAI President Mr. R. S. Sharma along with Mr. Sudhir Dhawan, held a meeting with Mr. Thakur Sharma President SCAEF-Nepal. During the discussion, various areas were identified where India and Nepal could arrange exchange programmes on a reciprocal basis to foster mutual benefits.





## CEAI-WWF Webinar

The fourth webinar in the series of Nat-Infra Dialogue series on Natural Resources Safeguards in Linear Infrastructure Development in India was held on 22<sup>nd</sup> November 2024. It focused on the use of GIS based tools for informed decision making in LI development. Mr. R. S. Sharma, President Consulting Engineers Association of India gave the introductory remarks. Dr. Areendran G., Director – Tech for Conservation, WWF-India presented the Rapid Infrastructure Impact Assessment Model (RIIAM) developed by WWF-India in collaboration with the Carnegie Mellon University under the support of AI for Social Good project by Google Inc.



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### Link to the webinar:

[https://www.wwfindia.org/about\\_wwf/asia\\_s\\_linear\\_infrastructure\\_safeguarding\\_nature/?27362/Nat-Infra-Dialogue-Use-of-GIS-in-LI-development](https://www.wwfindia.org/about_wwf/asia_s_linear_infrastructure_safeguarding_nature/?27362/Nat-Infra-Dialogue-Use-of-GIS-in-LI-development)

## FIDIC AWARDS 2024

FIDIC announced the winners of its annual FIDIC Member Association Excellence Awards at a gala dinner event held in Geneva on 10<sup>th</sup> September 2024, their fifth year, to highlight the achievements and successes of FIDIC's International Member Associations and their work representing the global engineering consulting industry. This year the judging panel chose winners across four categories – People and Culture, Advocacy, Inspiring the Next Generation and Showcasing Value.

Speaking at the awards ceremony in Geneva, the FIDIC President Ms. Catherine Karakatsanis said: *“These awards showcase the significant achievements and successes of FIDIC’s brilliant global member associations and the excellent work that they do in representing the global consulting engineering industry. Our members work day-in, day-out on behalf of their member firms and we are delighted to be able to pay tribute to this work through these awards. All the winning entries demonstrate how member associations address key issues facing their industry and platform them to a wider audience, helping to raise the profile of this crucial industry sector.”*

The winner of the **MA Excellence Award for Showcasing Value** was the **Consulting Engineers Association of India** for the “*CEAI Compendium*”; a campaign that showcased the spectacular engineering accomplishments made in India since it gained its independence nearly eight decades ago.

It also highlighted a roadmap for the consultancy of the future, demonstrating not only the progress made over that time, but also engendering a sense of pride to encourage the sector to strive to achieve even higher levels of excellence. The judges were impressed by an entry that promotes the significant value that engineers bring to society and an initiative which is dedicated to the spirit of the unsung Indian engineers who triumphed over formidable challenges.



*Mr. R S Sharma, President, Consulting Engineers Association of India received the FIDIC Member Association Excellence Award for “SHOWCASING VALUE” from FIDIC President Ms. Catherine Karakatsanis.*

## FROM THE DIRECTOR’S DESK

During the month of November 2024, CEAI conducted the following meeting:

- Governing Council (2023-2024) Meeting held on 27<sup>th</sup> November 2024.

### Appointments:

- Ms. Arti joined CEAI as Director-Academy on 11<sup>th</sup> November 2024.

## FORTHCOMING EVENTS OF CEAI

### 1. Construction Law Course

The construction law course has been rescheduled to February 2025. The new dates will be duly announced.

- Key topics:
- Engineering Law
  - Contractual Problems of Project Execution
  - Mechanism of Amicable Settlement of Differences
  - Practical Application (including Moot Court)

**Registration Details:**

Participation Fee per delegate: CEAI Members: ₹32,000 | Non-members: ₹36,000

*GST @ 18% to be added to the Participation Fee.*

A 7.5% discount will be given on the Participation Fee if there are 5+ registrations from the same organisation.

Registration Link: <https://forms.gle/NXbfFDYfZkFdymft8>

**2. CEAI National Awards 2024:**

Nominations for CEAI Awards have been received within the submission date of 15<sup>th</sup> November 2024. The Internal Jury has reviewed the nominations and the External Jury is being finalised. And the review by the External Jury is tentatively planned as 21<sup>st</sup> of December 2024.

**3. 1-Day Soft Skills Training on Professional Communication**

A 1-Day Soft Skills Training on Professional Communication, is being organized by CEAI-Academy.

The workshop is specifically designed to help professionals enhance their communication effectiveness, master email etiquette, and build stronger interpersonal relationships.

**Event Details:**

Date: 19<sup>th</sup> December 2024

Time: 10:00 AM – 5:30 PM

Venue: CEAI Centre, OCF Plot No 2, Pocket 9, Sector B, Vasant Kunj, New Delhi 110070

**Participation Fee:**

- CEAI Members: ₹3,000/- + 18% GST; Non-Members: ₹3,500/- + 18% GST

**Key Takeaways from the training:**

- Learn to communicate confidently and effectively in the workplace.
- Master professional email writing to make a lasting impression.
- Develop interpersonal skills to foster positive workplace relationships.
- Practical sessions and role-playing exercises for real-world application.

Registration link: <https://forms.gle/DzjZERHF4UwmkA2T8>

**4. GC Election for the Block Year 2025 – 2026**

The CEAI's Governing Council Election process started from 18<sup>th</sup> October 2024 and the Closing date for Nominations was 15<sup>th</sup> November 2024, 4:00 pm.

Valid Nominations were declared on 25<sup>th</sup> November 2024.

Withdrawal of Nomination date: 2<sup>nd</sup> December 2024.

**E-Voting will start from 13<sup>th</sup> December 2024 and be open till 4:00 PM pm on 20<sup>th</sup> December 2024.**

**All Members are requested to exercise their vote.**

## VIEWPOINT

The theme for the December 2024 issue of CEAI's quarterly magazine "*ViewPoint*" is "***Recycling & Reuse of Building Materials in the Construction Industry***".

The December 2022 issue was on "***Circular Economy towards Sustainability***" hence this issue could be considered as a sequel to that.

Discussions and mandates based on sustainable considerations and to combat climate change are the norm. However, how much has really changed or in the process of being changed needs to be measured and tracked. While there is a tremendous amount of new construction being done there are also a very large number of facilities being dismantled and demolished. The questions that arise are -Is the dismantled and demolished materials a waste or can they be recycled and reused? The answer to both would be that a large quantum can be recycled and reused. The dismantled material could be used as is or modified for reuse. A lot of material if demolished carefully could be processed and reused. All permissions for re-construction or even new construction need to be mandated to do so. Some sectors could very easily and successfully utilise demolished material.

While the theme for this issue is Building Materials however, the same logic applies to all manufactured items as well. In the IT industry, while it is necessary for it to come up with new technology, but that should not make the older items or technology obsolete for a period of about 25-30 years. It should be possible to continue to use them or modify them for continued use.

A number of consulting engineers and smaller organisations are engaged in the works which address and adopt practices of sustainable development incorporating recycle and reuse of materials or could address the issue. Many 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 themes for 2025 will be decided by the Publication Committee that will be formed after the new Governing Council is elected for the term 2025-2026.

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*'.

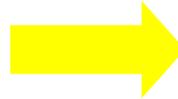
## Advertisement in ViewPoint

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** 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<sup>nd</sup> Ed. 2022)

2	EPC Turnkey Contract 2 <sup>nd</sup> Ed 2017 Silver Book Reprinted 2022 with amendments
3	Construction Contract 2 <sup>nd</sup> Ed 2017 Red Book, Reprinted 2022 with amendments
4	Plant & Design Build Contract 2 <sup>nd</sup> Ed 2017 Yellow Book, Reprinted 2022 with amendments
5	The Short Form of Contract (2 <sup>nd</sup> Edition, 2021)
6	Conditions of Contract for EPC Turnkey Projects (First Edition, 1999)
7	EPC/Turnkey Contract 2 <sup>nd</sup> Ed (2017 Silver Book)
8	Conditions of Contract for Construction (First Ed. 1999)
9	Construction Contract 2 <sup>nd</sup> Ed (2017 Red Book)
10	Conditions of Contract for Plant & Design-Build (First Ed, 1999)
11	Plant and design-build contract 2 <sup>nd</sup> Ed (2017 Yellow book)
12	Dredgers Contract 2 <sup>nd</sup> Ed (2016 Blue-Green Book)
13	Client/Consultant Model Services Agreement 5 <sup>th</sup> Ed (2017 White Book)
14	GUIDE to Conditions of Contract for Design, Build and Operate Projects (2008 GOLD BOOK) 1 <sup>st</sup> Ed 2011
15	Conditions of Contract for Works of Civil Engineering Construction (4 <sup>th</sup> Ed. 1987 Reprinted 2011)
16	Conditions of Contract for Design-Build and Turnkey First Edition 1995 Reprinted 2011
17	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**

**Contact for further query**

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