



NOV 2023

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,

November 2023 was an anxious month for many due to the collapse of the under-construction Silkyara Bend–Barkot tunnel in the State of Uttarakhand. Though the rescue operations were immediately started with the help of multiple agencies and experts to rescue the 41 persons trapped inside the tunnel, it took time due to the geology of the region. Nonstop and dedicated efforts by the Government of Uttarakhand and the Government of India ultimately bore fruit.

In the past decade itself, the Himalayan Region has witnessed a number of disasters. I recall that about 10 years ago in one of the worst tragedies claimed more than 6000 lives on account of a cloud burst upstream of Kedarnath that had caused devastating floods and landslides that destroyed several villages and towns. In June 2021 also, the region witnessed heavy flooding when a rock mass broke out causing major damages in the Chamoli region of Uttarakhand. In January this year, cracks and settlements endangered the entire historical town of Joshimath.

Some of the events have been a result of nature's vagaries and others are manmade. Investigations regarding the Silkyara Bend–Barkot tunnel collapse have been initiated and a report is expected soon. It will be useful for the engineering fraternity as well as the political setup, and may make them to rethink and adopt a cautious approach in taking up major development works, which are affecting the fragile ecological system of the relatively younger Himalayan range.

ANNUAL GENERAL MEETING

FIDIC ASIA PACIFIC ANNUAL CONFERENCE

MEETING CALLED BY ADB OFFICE

CHIT CHAT SESSION

WEBINAR ON CLIMATE CHANGE & SUSTAINABILITY – CHALLENGES & OPPORTUNITIES

IT ENABLED PROJECT MANAGEMENT TRAINING

SEMINAR ON IMPROVING QUALITY OF DESIGN AND CONSTRUCTION OF HIGHWAY PROJECTS

FROM DIRECTOR'S DESK

VIEWPOINT

FIDIC PUBLICATIONS

FIDIC TRAINING

To arrest the ill effects of climate change, there is talk of sustainable development, net zero, green technology, etc. The multilateral funding agencies are organizing consultations for sustainable procurement. I had attended the consultation meeting arranged by ADB on the 28th of November 2023. The World Bank is also scheduling a similar meet in early December.

CEAI is greatly concerned about the quality of design and construction in all sectors. With very large investments being made in the Highway sector, CEAI has organized a two days seminar on 9th and 10th January 2024 for Highway Projects. Another seminar on the same theme for other sectors of infrastructure is planned for April 2024. All professionals associated with engineering projects are requested to participate in the above events and share their experiences and give suggestions, which could be beneficial to the society.

Warm regards,



R S Sharma

ANNUAL GENERAL MEETING OF CEAI

The **27th Annual General Meeting** of the Members of the Consulting Engineers Association of India will be held at 12:30 PM on Friday, 22nd December 2023, at CEAI Centre, Pocket 9, Sector B, Vasant Kunj, New Delhi 110070, to transact the following business:

ORDINARY BUSINESS:

1. Confirmation of the Minutes of the 26th Annual General Meeting held on 24th December 2022.
2. To adopt the Annual Report of the Association for the Financial Year ended 31st March 2023.
3. To pass the Audited Accounts of the Association for the Financial Year ended 31st March 2023.
4. To appoint Auditors for the financial year 2023-2024.
5. To consider amendment in the Rules of Association
6. To conduct any other business/ matter with the permission of the Chair

The AGM will be a hybrid event however, everyone is requested to attend the meeting physically.

The Zoom link for online participation will be sent separately.

FIDIC ASIA PACIFIC ANNUAL CONFERENCE

FIDIC Asia Pacific (FAP) organised its Annual Conference 2023 at Bangkok from 26th to 28th November 2023. The conference was hosted by the Consulting Engineers Association of Thailand. The theme of the conference was “Engineering towards Net Zero”.



Mr. Sudhir Dhawan,
President FAP, addressing
the participants

FIDIC ASIA PACIFIC AWARDS

FIDIC Asia Pacific (FAP) announced 2023 award winners and distributed the awards during the annual conference on 27th November 2023 at Bangkok. We are glad to inform that following awards were presented:

a) FIDIC Asia Pacific Envoy Award of Excellence

Mr. Amitabha Ghoshal, Life Member of CEA

For Outstanding Contribution Towards the Development of ASPAC.

b) FIDIC Asia Pacific Powerhouse Award

Consulting Engineers Association of India

For Excellent Support Services Towards the Activities of ASPAC.

c) FIDIC Asia Pacific Emerging Leaders Award

1. Mr. Rajiv Iyer, Individual Member

For Outstanding Contribution in Providing Services Towards Project Development

Commendation Certificate

2. Mr. Naman Anand of M/s Legacy Law Offices, India

Meeting called by ADB office on 28th November 2023

The Asian Development Bank held consultations with representatives of Contractors and Consultants for adopting a sustainable procurement system for funding projects. The meeting was attended by the representatives of NHBF, HCC, Gammon India Ltd, TCE, ICT and CEAI. Mr. R S Sharma President and Mr J V L Narayana, Vice President attended the meeting on behalf of CEAI. ADB was informed that for better project management, CEAI would provide training on the FIDIC Conditions of Contract, Dispute Management, and Contract Management.



CHIT CHAT Session – 6th December 2023



Opening Remarks
R S Sharma
 President
 CEAI

Closing Remarks
Mr Alok Bhowmick
 Governing Council Member
 CEAI

CEAI has created a new platform especially for young professionals (YPeEs).

CEAI Young professional Forum wish to involve YPeEs through informal mode "CHIT CHAT" Session which is also known in Japan as "Pecha Kucha" Session. Pecha Kucha was created in 2003 by renowned architects, Astrid Klein and Mark Dytham. "Pecha Kucha" is Japanese for "Chit Chat".

The session covers all sorts of topics such as Travel, Life, Jobs, Humour, Sports, Arts, Social, Economics, Environment or Research thesis etc.

6th December 2023
4:00 pm (IST)
 ZOOM Platform

No registration Fee for attending this session

CEAI FUTURE LEADER FORUM PRESENTS
CHIT CHAT SESSION

We have an incredible line-up of speakers



Shaikh Mohammad Alavee
 Infrastructure and Project Management Associate
 UNOPS, Bangladesh
Topic: Can We Decarbonize the Construction Industry?



Sophia Immanuel
 PhD Research Scholar
 NIT, Trichy
Topic: Seashell Serenity: The Soothing Sound of the Sea



Shreya Thusoo
 Engineer
 Oriental Consultants, India
Topic: Sumida River: The Open Museum



Sayantan Nath
 Associate Professor
 Brainware University, India
Topic: Forensic Engineering



Syed Mujeeb
 Contracts Engineer
 Afcons Infrastructure Limited, India
Topic: 3D concrete printing (3DCP) is an emerging technology that has conquered the construction market all over the world.



M Saritha
 Senior Engineer Structures
 Barsyl, India
Topic: Minimum Ethics for Collogues



Shailesh Biradar
 Assistant Manager
 Balaji Railroad Systems Pvt Ltd, India
Topic: Research Thesis



Joy Maitra
 SSenior Quality Control Engineer
 BTUV SUD South Asia Pvt. Ltd.

Ramesh Nayaka
 Assistant Professor
 IIT Dharwad, India
Topic: Home Harmony: Navigating the Challenges of Affordable Housing

Manish Rathor
 Sector Expert civil
 BARSYL Company, India
Topic: Civil Site Work

Katelula Kaswaga
 Structural and Bridge Engineer
 TANROADS, Tanzania
Topic: My Journey to Bridge Engineer

Poojitha Reddy
 Design coordinator
 RK Interiors, India
Topic: Empirical Analysis of Sustainable Construction Practices using Structural Equation Modeling

Welcome Address
Mihir Kumar Singha
 Chairperson
 Future Leader Forum

Moderator
Aseem Rastogi
 Member
 Future Leader Forum

Registration Link: https://us02web.zoom.us/meeting/register/tZEuc-2opjwuGdCIEOacLMxqnn_Rr5Shf6qL#/registration

Climate Change and Sustainability - Challenges & Opportunities

DECEMBER 12, 2023 AT 3:30 PM TO 5:00 PM

OPENING REMARKS

R S Sharma
President
CEAI



MODERATOR

A S Brara
GC Member - CEAI
Chairperson
Environment &
Sustainability committee



Founder www.greenpledges.com

SPEAKER

Krishan Kalra
Past President
AIMA



SPEAKER

Ashish Rakheja
Managing Partner
AEON Integrated Building
Design Consultants LLP



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About Webinar

Climate change and sustainability are two interrelated topics that pose significant challenges and opportunities for the world. Climate change refers to the long-term changes in the Earth's climate system, such as rising temperatures, melting ice, sea level rise, and extreme weather events. Sustainability refers to the ability of human societies to meet their needs without compromising the ability of future generations to meet theirs. Sustainability also encompasses environmental, social, and economic aspects of development.

One of the main challenges of climate change and sustainability is to reduce greenhouse gas emissions, which are the main drivers of global warming. Greenhouse gas emissions come from various sources, such as fossil fuels, agriculture, industry, and deforestation. Reducing emissions requires a shift to low-carbon energy sources, such as renewable energy, nuclear power, and carbon capture and storage. It also requires changes in consumption patterns, such as using public transportation, recycling, and eating less meat.

Another challenge is to adapt to the impacts of climate change, which are already affecting many regions and sectors. For example, climate change can affect water availability, food security, health, biodiversity, and migration. Adaptation measures include improving water management, enhancing crop resilience, building infrastructure, and supporting vulnerable communities.

However, climate change and sustainability also offer opportunities for innovation, cooperation, and transformation. For example, investing in renewable energy can create jobs, reduce air pollution, and increase energy security. Promoting sustainable development can improve human well-being, reduce poverty and inequality, and protect the environment. Collaborating across countries and sectors can foster dialogue, trust, and solidarity among different stakeholders.

Please register by clicking the link above for free. CEAI members and their organizations employees are encouraged to register at the earliest.

Krishan Kalra

Krishan Kalra graduated in Mechanical Engineering, from Delhi University. Krishan Kalra worked in the Indian corporate world with companies like Esso Standard, L & T group and the DCM Shriram group as managing director of the Indian kitchen appliances major INALSA.

He has been the Additional Secretary General of the Apex Industry Body FICCI and the Secretary General of the PHD Chamber.

He has also served as president of the All India Management Association (AIMA) and member of the Board of Governors of IIMC Kolkata.

Since 2010, Kalra is doing only voluntary work in the areas of Skill Development, Climate Change, Cancer Care, Empowerment of people with disabilities (PwDs)

Ashish Rakheja

Mr. Rakheja is a well-known name in Building industry in India. He has been at the forefront of Green Building & Net Zero movement in the Country. He is the first Indian to be nominated as Vice President of globally leading HVAC&R Society and has already served on the Board as Director for last three years. With almost 3 decades of expertise in MEP system design & Sustainability, he has led and completed over 4000 projects. He is spearheading the green building movement in India in the capacity of Chairman, Technical Committee of Indian Green Building Council (IGBC).

He regularly contributes his time to writing Standards, codes & position papers for Government bodies & Technical societies.

Registration Link: <https://docs.google.com/forms/d/e/1FAIpQLSfkCQvIEhc-l03Ntj3Dc3tRINGLLCXcud0jxXGk2QZ6551ePg/viewform>

IT Enabled Project Management Training (ITePM)

14th to 16th December 2023 | 9:30 am to 6:00 pm

Venue: Consulting Engineers Association of India, CEAI Centre, Vasant Kunj, New Delhi- 110070



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Topics will be covered

- Fundamentals of Project Management • MS Project Software Hands-on-Training • Revision through Simulated Project
- Softcopy of Course material will be provided for all participants
- Participation Certificates will be issued for 3 days Training
- Training time will be 9.30 AM to 6.00 PM every day (8 hours), with 30 minutes lunch break
- MS Project Software will be provided for training purpose only
- Participants will bring their own laptops during the training program.

Trainer



Puneet Aggarwal

Chief Executive Officer
7 dot 2 IT Consulting

Puneet Aggarwal's area of expertise is Project and Program Management, Strategic IT Leadership, IT Transformation & Management. He has managed deliveries of large teams in IT. He has extensive experience & knowledge in FMCG, Manufacturing, IT Application Services and Print Media business. He has worked in many geographies like Germany, South Korea, Singapore, Philippines, India and Offshore Global Deliveries across US, Canada, Europe & Asia. He is a certified Project Management Professional (PMP) from the globally renowned Project Management Institute (PMI), USA since year 2005. He is also certified in ITIL (IT Infrastructure Library), global standards for IT Service Delivery. Puneet did his MBA (Marketing & Finance) from Management Development Institute, Gurgaon and B.E. from Delhi College of Engineering. Puneet is a guest faculty on Project Management at Indian Academy of Highway Engineers (IAHE), training institute of National Highways Authority of India (NHAI) and Great Lakes Institute of Management, Gurgaon and conducts classes regularly.



Chander Mohan Saini

Consultant-Project Management Practice
7 dot 2 IT Consulting

18 years experience in core construction Project Management at Sites for execution of construction contracts along with Coordination, Planning, Tendering, Quantity Surveying, Managing Labour & Construction Execution, etc. 23 years exclusively on Projects Implementation, Schedule, Contract & Cost Management Solutions, "Project Management through IT Applications" with Oracle's Primavera P6, Enterprise Project Portfolio Management (EPPM), Contract Management (now Unifier) and Microsoft's MS Project and Enterprise Project Management EPM. His Specialization: Project Planning & Program Schedule Development on Project Management Applications, Enterprise Resource Planning (ERP) / Resourcing (Manpower, Materials & Machinery), Costing, Setting Baseline, Updating / Monitoring, Forecasting (Time, Cost), Cash Flow, Earned Value Management, Project Management / Control on Applications; Implementation of Project Management Applications.

PARTICIPATION FEE - ₹ 7000/- +GST @18% for 3 days training

PAYMENT

CEAI Bank Details for Bank Transfer

Account Name : Consulting Engineers Association of India
 Account No : 028394600000592 | Bank Name : YES BANK LTD
 Account type : Saving | IFSC CODE : YESB0000283 |
 Branch Address: Ground Floor, Plot No 2, OCF, Sector B,
 Pocket 11, Vasant Kunj, New Delhi 110070

CEAI UPI details

Name - Consulting Engineers Association of India
 UPI Handle - 9871166102@paytm
 Pay me on Paytm - https://p.paytm.me/xCTH/gqsm55kb

Scan the QR Code



Registration Link :

<https://us02web.zoom.us/join/9871166102?from=registration>

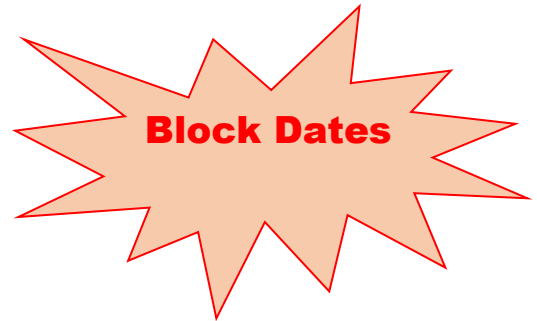
SEMINAR ON “IMPROVING QUALITY OF DESIGN AND CONSTRUCTION FOR HIGHWAY PROJECTS”

CEAI is organizing a two-day seminar on, *“Improving Quality of Design and Construction for Highway Projects”* in association with the Ministry of Road Transport and Highways, Indian Roads Congress, and National Highways Builders Association on the 9th and 10th January 2024 at Hotel Le Meridien, New Delhi. Hon’ble Minister of Road Transport and Highways has kindly consented to inaugurate the Seminar.

All professionals connected with Highway Projects are requested to participate and make the event a grand success.

The details of the Seminar will be shared shortly.

Kindly block the dates in your Diary/ Calendar.



FROM THE DIRECTOR’S DESK

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

- Governing Council
- CEAI Foundation
- FIDIC Committee
- Ethics & Quality Committee
- Seminars & Events Committee
- Young Professionals Forum

The **Annual General Meeting** of CEAI will be held on 22nd December 2023 at 12.30 p.m. at CEAI Centre, Pocket 9, Sector B, Vasant Kunj, New Delhi.

The Notice for the same has been circulated to all eligible Members on 30th November 2023.

VIEWPOINT

The theme for CEAI’s quarterly magazine *“ViewPoint”*, December 2023 issue is *“Consultancy in the Industrial Sector”*. Dr. Rajashekhar R Malur is the Guest Editor for the issue.

The Industrial sector for this issue also includes Chemical, Oil & Gas sectors. These are the spring board for development and form a major part of the GDP. There are a good number of projects in the private as well as the PSU sectors which provide opportunities to the consulting engineers to use their expertise across various disciplines of engineering. BIM and AI have and are enabling many features that help to improve the quality of deliverables by the consultants and manage all aspects of a project more efficiently and effectively.

Professionals are invited to share case studies of 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 theme for the other issues for the term 2023-2024 are:

1	March 2024 – Consultancy for Start-Up and MSME
2	June 2024 – Affordable Housing.
3	September 2024 – Energy Transition
4	December 2024 – 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.

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

***Inside Front Cover booked till June 2024

FIDIC PUBLICATIONS

Hard copies of some of the FIDIC Publications are available with CEAI Secretariat.

A publication that may not be readily available could be obtained from FIDIC in about three weeks.

Please contact CEAI Secretariat for availability and price.

1	FIDIC Contracts Guide (2 nd Ed. 2022)
2	FIDIC Contracts Guide (1 st Ed 2000)
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).
7	The Short Form of Contract (1 st Edition, 1999).

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).
11	Construction (1999 Edition) Subcontract 1 st Ed (2011)
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	SUBCONTRACT for Plant and design (yellow book 1999) 1 st Ed (2019)
16	Dredgers Contract 2 nd Ed (2016 Blue-Green Book).
17	Client/Consultant Model Services Agreement 5 th Ed (2017 White Book)
18	Sub-Consultancy Agreement 2 nd ED 2017
19	Model Joint Venture (Consortium) Agreement 2 nd Ed 2017
20	GUIDE to Client/Consultant Model Services Agreement (White Book) 2 nd Ed 2001
21	Construction (1999 Red Book) Sub Contract 1 st Ed 2011
22	Conditions of Contract for Design, Build and Operate Projects (1 st Ed, 2008) GOLD BOOK
23	GUIDE to Conditions of Contract for Design, Build and Operate Projects (2008 GOLD BOOK) 1 st Ed 2011
24	Conditions of Contract for Construction - MDB (Multilateral Development Bank Harmonised Ed. Version 3: June 2010)
25	Conditions of Contract for Works of Civil Engineering Construction (4 th Ed. 1987 Reprinted 2011,
26	Selection of Consultant 3 rd Ed (2019)
27	FIDIC Guidelines for Selection of Contractors 1 st Ed 2017
28	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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