# CEAI NEWSLETTER May 2025



#### Creating Value Ethically

# **PRESIDENT'S DESK**

Dear Members,

I trust this message finds you in good health and high spirits.

The past month has been a landmark period for India's infrastructure and strategic progress, marked by significant strides in connectivity, sustainability, technology, and national resilience. These developments reinforce the critical role that engineering and planning play in shaping a secure, self-reliant, and forward-looking India.

#### National Security and Indigenous Strength:

In a significant demonstration of national resolve, India conducted Operation Sindoor - a precision military response to Pakistan-sponsored terrorist activities that claimed the lives of Indian security personnel. The operation, carried out with efficiency and restraint, showcased not only our nation's strategic clarity but also the growing capabilities of our indigenous defence manufacturing.

The successful use of domestically developed arms, ammunition, and surveillance technologies reflects the resilience and technological self-reliance of India's defence ecosystem. It is a strong reminder that national security is underpinned by local engineering excellence, innovation, and integration across sectors. This also serves as an inspiration to the broader engineering community to continue contributing towards 'Atmanirbhar Bharat'.

#### Infrastructure and Development Milestones:

On the infrastructure front, the nation achieved several milestones:

- The Jammu–Baramulla railway line was finally completed, integrating the Kashmir Valley more closely with the rest of the country. The commencement of Vande Bharat Express operations between Katra and Srinagar marks a new era of all-weather connectivity and regional development.
- In Mumbai, the city's first underground Metro Line 3 became operational, offering a significant boost to urban mobility. Simultaneously, Navi Mumbai International Airport has opened, poised to handle 20 million passengers annually in Phase I.
- The Amritsar–Jamnagar Expressway, nearing completion, will drastically reduce travel time across four states and strengthen inter-regional trade corridors.

### **Technology and Sustainability Push:**

India's progress in sustainable development and technology was visible at the India Energy Storage Week 2025, with ₹8,000 crore in investments committed towards clean energy, EVs, and green hydrogen. The unveiling of National Broadband Mission 2.0 also signals a strong digital future, aiming for 95% uptime across 2.7 lakh villages by 2030.

The government's allocation of ₹500 crore towards AI Centres of Excellence and upgraded IIT infrastructure emphasizes India's strategic focus on innovation in sectors like healthcare, agriculture, and smart cities.

#### **Environmental Oversight:**

As we race toward development, we must remain conscious of our environmental responsibilities. Civil society continues to raise important questions-as seen in Bhopal-about the effectiveness of compensatory afforestation. Our projects must be both people-centric and planet-sensitive.





#### **Role of Consulting Engineers:**

All these achievements reinforce the irreplaceable role of consulting engineers in translating vision into execution. From defence to infrastructure, from digital inclusion to environmental management, our engineering fraternity is at the heart of India's transformation.

Let us reaffirm our commitment to excellence, innovation, and ethical practice-helping build a strong, sustainable, and secure India.

Warm Regards,

Prashant Kapila President, Consulting Engineers Association of India (CEAI)

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DIRECTOR'S DESK			
During the month of May 2025, CEAI conducted the following meetings:			

- > Advisory committee meeting held on 1<sup>st</sup> May 2025
- > Finance Committee Meeting held on 1<sup>st</sup> May 2025
- Foundation Committee Meeting held on 10<sup>th</sup> May 2025
- Membership Committee Meeting held on 20<sup>th</sup> May 2025
- Finance Committee Meeting held on 21<sup>st</sup> May 2025
- Operation Oversight Committee Meeting held on 27<sup>th</sup> May 2025
- ➢ Governing Council Meeting held on 28<sup>th</sup> May 2025

### WEBINAR ON POST INSTALLED ANCHORAGE TO CONCRETE - AN INSIGHT INTO THE INDIAN STANDARD

CEAI Future Leader Forum successfully oganised webinar on **"Post Installed Anchorage to Concrete - an insight into the Indian Standard"** on 29<sup>th</sup> May 2025.

Mr. Shounak Mitra, Head of Codes & Approval and Engineering Marketing at Hilti India Pvt. Ltd. was the speaker.

The modern construction industry is replete with post-installed fastenings that connect steel to concrete - be it for extremely critical, heavy duty structural application or for light/medium duty non-structural yet safety critical applications like utilities and facade fixings. Understanding their right behaviour and specifying their exact performance enable some of the most complex structures, which only serves to highlight the need to pay greater attention to them. Without sufficient information, post-installed fastenings, often, are designed with poor engineering judgement stemming from a lack of local enforcement on the topic. IS 1946 - the new Indian Standard for Design of Post-Installed Anchorage to Concrete by Bureau of Indian Standards is a welcome move and looks to address the current gap in the industry and present a comprehensive guideline for these connection designs.



### MOU SIGNED WITH MAHARAJA AGRASEN TECHNICAL EDUCATION SOCIETY

CEAI Academy signed MOU with Maharaja Agrasen Technical Education Society on 30<sup>th</sup> May 2025.



# INDUSTRY ASSOCIATION PARTNER FOR INNOMETRO 2025 GLOBAL EXPO PROGRAM

The Consulting Engineers Association of India (CEAI) proudly participated as an Industry Association Partner at **InnoMetro 2025**, a global expo showcasing groundbreaking innovations and technologies in metro systems, railways, RRTS, high-speed rail, and allied mobility sectors.

Held on **May 21-22**, **2025**, **at Bharat Mandapam**, **New Delhi**, the event brought together industry leaders, experts, and stakeholders for meaningful discussions and collaborations. CEAI secured a dedicated booth space to promote its **services**, **events**, **and core activities**, fostering engagement with fellow participants and visitors.

Several **Governing Council (GC) members**, along with CEAI staff, represented the association, exchanging insights, networking with industry professionals, and reinforcing CEAI's commitment to advancing engineering excellence in India.

# **MEMBER NEWS**

Mr. Vineet Lochan Gupta, Life Member of CEAI & CEO of Save Techno Engineers (a Engineering Consulting firm) honored with the 'Times Business Award 2025' for "Excellence in Project Management & Engineering Design Consulting Services".



# FORTHCOMING EVENTS

- CEAI Future Leader Forum organising a Webinar on "Advanced Materials in Concrete & Its Sustainability" on 6<sup>th</sup> June 2025.
- CEAI is organising Webinar on "Strategies for Winning International Projects: Building Global Bridges and Business Excellence" on 12th June 2025.
- A soft skills workshop series is being planned with Ms. Vijay Shree from Metaacogsworld. The LEAD360 Series is a curated leadership development program designed to equip field professionals, particularly in engineering and construction domains, with essential leadership, communication, and decision-making skills. The series comprises three focused workshops, each blending core theoretical inputs with practical applications to meet on-ground challenges.

The first workshop will be held in **4th July 2025** at CEAI HQ.

### LEAD 360: Field-Ready Leadership Mastery Series

Workshop Name	Focus Areas	Topics Covered
1. LEAD360: Communicate to Command	Communication & Client Interaction	- Effective Communication at Site- Presentation & Reporting Skills- Client & Stakeholder Handling
2. LEAD360: Lead with Impact	Leadership, Time & Stress Management	- Leadership & Team Management- Time Management for Construction- Stress Management in Fieldwork
3. LEAD360: Decide, Resolve & Thrive	Decision Making & Professional Conduct	- Problem Solving & Decision Making- Conflict Management on Site- Negotiation Skills for Engineers- DEI, POSH & Professionalism

#### Workshop Planner: LEAD360 - Field-Ready Leadership Mastery Series

Registration link: <u>https://forms.gle/mRAU7wLLNDXEhgRw9</u>

CEAI Future Leader Forum organizing a webinar on "Role and Opportunities for Engineers in the Field of Project Appraisal for Banks & Financial Institutions" on 4<sup>th</sup> July 2025.



# **CEAI QUARTERLY PUBLICATION - VIEWPOINT**

For the June 2025 issue the theme is "Integrated Engineering of Projects - A Dire Need".

Professionals are requested to share their articles.

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*'.

### **ViewPoint Advertisement Rate**

In response to queries from potential Sponsor Advertisers, a new category of Sponsor Advertisement has been included in ViewPoint.

### **1) VIEWPOINT ADVERTISEMENT:**

	Rate Per issue* (INR)	Discounted rate at 10% for 2 consecutive issues* (INR)	Discounted rate at 20% for 4 consecutive issues* (INR)
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) (Conditions Apply)	8,000.00	14,400.00	25,600.00

Notes: \*GST @ 5% or as prescribed will be added to the above rates.



### 2) VIEWPOINT SPONSOR ADVERTISEMENT:

**ViewPoint Sponsor Advertisement per issue for** "THEME SPECIFIC SOLUTION PROVIDERS/ EXPERTS", the Rate will be Rs. 35,000/- to cover the following:

- 1. Mention on front cover
- 2. Two no's of full-page color advertisement
- 3. Descriptive article on topic

# FIDIC PUBLICATIONS

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	า
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 (200 GOLD BOOK) 1 <sup>st</sup> Ed 2011	3
15 Conditions of Contract for Works of Civil Engineering Construction (4 <sup>th</sup> Ed. 198 Reprinted 2011)	7
16 Conditions of Contract for Design-Build and Turnkey First Edition 1995 Reprinte 2011	d
17 Conditions of Contract for Underground works (2019 Emerald Book)	

### Please contact CEAI Secretariat for availability and price.