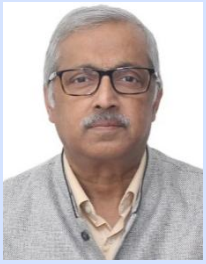
IAStructE news letter

Newsletter of the Indian Association of Structural Engineers

www.iastructe.co.in December 2025

MESSAGE FROM THE PRESIDENT



Dear Readers and Members of IAStructE,

As I am writing this message for the newsletter, the calendar year 2025 is coming to a close. It is a pleasure for me to send you warm greetings on my personal behalf and on behalf of IAStructE Office Bearers. This is the time of the year, which provides me with an opportunity to pause, reflect on our shared journey, and look forward with anticipation for the future.

The year 2025 was a significant year for the association where we achieved many milestones together. This is a testament to the dedication, passion, and hard work of our entire association. Some of the achievements in this calendar year as follows :

- Online Courses on "Sustainability in the Built Environment" (January–February 2025), on "fib Model Code 2020 for Concrete Structures" (jointly organized with fib, March–April 2025), and Course on "Conceptual Structural Systems Planning and Design of Buildings" (August–September 2025)
- Half-Day Online Course on Seismic Isolation of Structures, jointly with JSSI (04 April 2025)
- Seminar on "Long Span Crossings & Their Sustainability", jointly organized by IAStructE Eastern Region and CEAI, held in Kolkata (06 September 2025)
- Physical Lecture on Advances in Bridge Design – The Indian-German Experience by Dr. Mike Schlaich (05 July 2025)
- Stainless Infraverse – A Conclave for India's Next-Gen Building Structures, organized by Jindal Stainless Ltd. in collaboration with IAStructE, held in Delhi, Mumbai, and Hyderabad
- 18 webinars and online lectures delivered by eminent national and international speakers including Brainstorming Session on the Draft Professional Engineers Bill proposed by AICTE

Our accomplishments are a direct result of your unwavering support and active participation. Whether through your volunteering work, contributions to projects, or engagement in our events, you make a difference every day. I want to express my deepest gratitude for your commitment to the works of IAStructE and our shared mission to promote the general advancement of the science and practice of Structural Engineering, to enhance the status of structural engineers in India and to promote professional interests, rights and privileges of Structural Engineers.

The coming year marks the beginning of new hopes, dreams, and aspirations. We are excited about the opportunities ahead and plan to continue building on our legacy of excellence. I am confident that, together, we can overcome any challenge and reach new heights, making the next year even more amazing. May the New Year be filled with opportunities, growth, and success for you and your loved ones. I wish you all a joyful season and a prosperous 2026.

Let us march into 2026 with pride in what we have accomplished and the drive to make a greater impact together.

Happy Reading !

Alok Bhowmick

FROM THE EDITOR'S DESK

Respected Esteemed Members and Readers,

The December 2025 issue of the IAStructE Newsletter marks the culmination of a productive and intellectually enriching year for the Association and the structural engineering fraternity at large. This issue reflects IAStructE's sustained commitment to technical excellence, professional development, ethical practice and knowledge dissemination.

During 2025, IAStructE successfully conducted several continuing professional development initiatives, including specialized online courses on Sustainability in the Built Environment, fib Model Code 2020 for Concrete Structures (jointly organized with fib), Conceptual Structural Systems Planning and Design of Buildings and a Half-Day Online Course on Seismic Isolation of Structures organized jointly with JSSI. These initiatives, along with national and international lectures, reaffirm IAStructE's role as a leading professional platform for structural engineers.

This issue documents two important technical engagements held in December 2025. A technical lecture on "Conceptual Planning and Design of Major Railway Bridge across River Waghur in connection with Jalgaon–Bhusawal 3rd & 4th Line" was delivered by Mr. Ravindra Kumar Goel, Advisor, RITES Ltd. and former Principal Executive Director (Bridges), Railway Board, New Delhi. The lecture provided valuable insights into site-specific geological and hydraulic considerations, optimization of structural systems, safety during execution, and long-term maintenance planning.

A webinar on "ProtaStructure Suite" was organized on 24 December 2025 and delivered by Mr. Mustafa T. Tan, Product Manager, Prota Software, with contributions from Mr. Jaime Sempere, Regional Channel Manager, Prota Software, and Mr. Akbar Ali Khader, CEO & Director, KHAAS Group, India. The session was initiated by Mr. Sandeep Pattiwar, Chairman, Professional Development and Technical Events Committee, IAStructE. The webinar highlighted integrated analysis and design capabilities, international code compliance, and the growing role of digital tools in enhancing productivity and collaboration in structural engineering practice.

The activities of the IAStructE Student Chapters continue to play a vital role in mentoring and academic enrichment. The IAStructE–DTU Student Chapter organized an expert lecture on "Retrofitting of Buildings" on 15 December 2025, delivered by Prof. Ratnesh Kumar, Professor, Department of Civil Engineering, Visvesvaraya National Institute of Technology (VNIT), Nagpur. The lecture addressed seismic vulnerability of RC buildings, codal provisions, response reduction factors, load path deficiencies, and practical retrofitting techniques including RC jacketing, shear wall addition, foundation strengthening, and beam under-laying.

Another expert lecture on "The Effect of Bond Slip on RC Beam Deflection" was conducted on 19 December 2025 and delivered by Dr. George Wardeh, Professor of Materials, CY Cergy Paris University, France. The lecture provided a mechanics-based understanding of serviceability behavior in reinforced concrete beams, covering strain compatibility, cracked and uncracked section behavior, Eurocode formulations, and the influence of bond slip on stiffness and deflection prediction. Both sessions were well received and demonstrated the Association's emphasis on research-oriented learning and analytical depth among future structural engineers.

A major intellectual contribution in this issue is the invited article by Mr. Manoj Mittal, Past President, IAStructE, critically examining recent developments related to the National Building Code of India. The article highlights the technical, regulatory, and institutional importance of the NBC and underscores the need to preserve nationally harmonized standards to ensure safety, sustainability, and consistency in India's built environment.

The newsletter also features notable member achievements, updates on the ASE–IAStructE Accreditation Program, calls for contributions to Structural Engineering Digest and CROSFALL, information on IAStructE publications, and enhancements to the IAStructE Library collectively reflecting the Association's integrated approach to professional excellence and public safety.

I sincerely acknowledge the contributions of all speakers, authors, student coordinators and the IAStructE Secretariat for their dedicated efforts in bringing out this issue. I also thank our esteemed readers for their continued engagement and support.

As we move into 2026, I look forward to sustained collaboration, critical inquiry and active participation from the structural engineering community to further strengthen this newsletter as a credible and impactful professional record.

Warm regards,

Dr. Priyanka Singh

CONTENTS

Events Organized:

1. Lecture on Conceptual Planning & Design of Major Railway Bridge across river Waghur in connection with Jalgaon - Bhusawal 3rd & 4th line

A lecture on "Conceptual Planning & Design of Major Railway Bridge across river Waghur in connection with Jalgaon - Bhusawal 3rd & 4th line" was organized on December 18, 2025, and was delivered by Mr. Ravindra Kumar Goel. Advisor, Rites Ltd. and Ex Principal Executive Director/Bridge, Railway Board New Delhi.

The speaker presented the project, highlighting the importance of conceptual planning based on site-specific geology and hydraulics. The presentation covered safety considerations during execution and long-term maintenance aspects, including the adoption of spill-through abutments with raised pile caps, optimization of earthwork through additional spans and a longitudinal retaining wall, and provision of inspection platforms on piers and abutments. Detailed planning enabled seamless and faster execution of the project. The recorded lecture can be seen from the following YouTube link: https://youtu.be/CHMfnKA1ACo

Fig 1: Glimpses of the Lecture

2. Webinar on "ProtaStructure Suite"

A webinar on "ProtaStructure Suite" was organized on 24 December 2025 and was delivered by Mr. Mustafa T. Tan, Product Manager, Prota Software. Mr. Jaime Sempere, Regional Channel Manager, Prota Software, and Mr. Akbar Ali Khader, CEO & Director, KHAAS Group (Associate Member, IAStructE), the local partner of Prota Software in India, also participated in the session. The webinar was initiated by Mr. Sandeep Pattiwar, Chairman, Professional Development and Technical Events Committee, IAStructE.

The webinar featured an in-depth discussion on the advanced capabilities of ProtaStructure Suite, including integrated structural analysis, design automation, compliance with international codes, and efficient project workflows. The speakers demonstrated real-world applications and shared valuable insights on how the software enhances accuracy, productivity, and collaboration in structural engineering projects.

Fig 2: Glimpses of the Webinar

IAStructE Student Chapter Activities

IAStructE – DTU Student Chapter Event:

1. Expert Talk on "Retrofitting of Buildings"

The IAStructE DTU Student Chapter, Department of Civil Engineering, successfully organized an insightful Expert Talk on "Retrofitting of Buildings" on 15th December 2025 in online mode via Google Meet.

The session was delivered by Prof. Ratnesh Kumar, Professor, Department of Civil Engineering, Visvesvaraya National Institute of Technology (VNIT), Nagpur, a renowned expert in structural and earthquake engineering. The talk provided an in-depth understanding of the need, principles, and techniques of retrofitting existing structures, particularly in the context of seismic safety and structural resilience. During the lecture, Prof. Kumar elaborated on critical topics such as seismic vulnerability of RC buildings, response reduction factor (R) as per IS 1893, load path deficiencies, and various retrofitting strategies including RC jacketing of columns, under-laying of beams, addition of shear walls and buttresses, strengthening of foundations, and modification through additional bays. The presentation was supported by detailed diagrams, case illustrations, and real-life engineering applications, making the session highly informative and practical.

The event witnessed active participation from undergraduate and postgraduate civil engineering students, who gained valuable exposure to real-world challenges in retrofitting and rehabilitation of structures. An interactive Q&A session followed the lecture, where Prof. Kumar addressed student queries related to design considerations, codal provisions, and professional practice.

The event was coordinated by Mr. Parth Lamba (Convener), along with Mr. Pabanisitaram Pati (Secretary), Mr. Amit Singh (Joint Secretary), and Mr. Himanshu (Treasurer), under the guidance of Prof. Shilpa Pal (Faculty Advisor) and the faculty members of the Department of Civil Engineering.

2. Expert Talk on "The Effect of Bond Slip on RC Beam Deflection"

The IAStructE DTU Student Chapter, Department of Civil Engineering, Delhi Technological University, successfully conducted an online Expert Talk on "The Effect of Bond Slip on RC Beam Deflection" on 19 December 2025 via Google Meet.

The session was delivered by Dr. George Wardeh, Professor of Materials at CY Cergy Paris University, France.Through his talk, Dr. Wardeh explained how bond slip affects the behavior of reinforced concrete beams, particularly in terms of deflection, stiffness variation and serviceability performance. During the talk, Dr. Wardeh explained the theoretical background of RC beam deflection using strain compatibility, transformed section analysis, cracked and uncracked inertia, and Eurocode-based formulations. He also discussed how bond slip introduces additional flexibility in beams, leading to deviations from conventional deflection predictions. The presentation was supported by clear analytical expressions, tabulated results, and illustrative diagrams that helped students understand complex concepts effectively.

The lecture covered important concepts such as load path behavior, incomplete and indirect load transfer, foundation strengthening techniques, and beam under-laying methods. These topics were explained using clear diagrams and practical examples, making complex ideas easier for students to grasp. The session

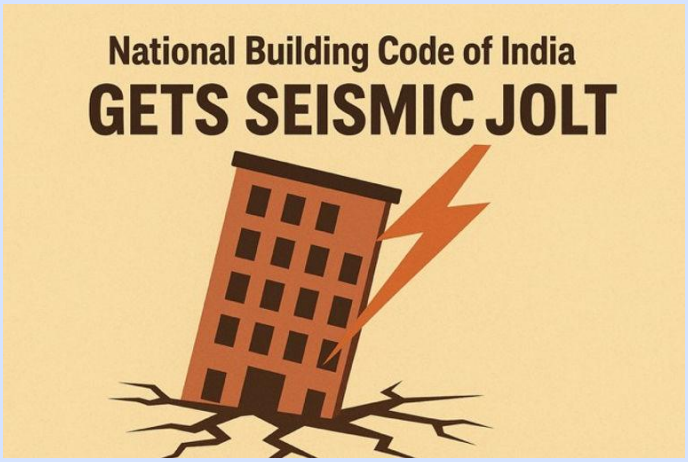
encouraged participants to think beyond standard code-based approaches and appreciate the role of mechanics in structural performance.

The session was smoothly coordinated by Convener: Parth Lamba along with Secretary: Pabanisitaram Pati, Joint Secretary: Amit Singh, Treasurer: Himanshu and Executive Members: Vivek Kumar, Kirti, Upadhyay, Prashant Pal ,Vikramaditya Sharma, Vikas Kumar

In the concluding segment of the session, the Faculty Advisor, Dr. Shilpa Pal, expressed her sincere appreciation to the guest speaker for valuable knowledge and taking the time to interact with the students. The session concluded on a positive note, offering participants meaningful exposure to advanced research concepts and their relevance in structural engineering practice. What it means, Through such expert interactions, the IAStructE DTU Student Chapter continues to provide students with meaningful exposure to advanced research and practical insights, helping them grow as confident and well-informed future structural engineers.

Article:

National Building Code of India: GETS SEISMIC JOLT
Blog post by
Mr. Manoj Mittal, ***Past President, IAStructE***
https://www.manojmittal.in/post/national-building-code-of-india-gets-seismic-jolt



Every system and procedure within government must be a beacon of transparency, accountability, and efficiency. In a true democracy, these mechanisms are not just administrative necessities—they are the living embodiment of the people's aspirations. They must rise above vested interests, amplify every voice, and guarantee that no perspective is overlooked. Only then can democracy flourish, vibrant and resilient, built on the foundation of trust and inclusivity.

The status of the National Building Code (NBC) has weighed heavily on my mind for quite some time. This is not a fleeting concern, but a matter of profound significance for the future of India's built environment. Many of you may remember my June article, "Correct. But Not Quite Right: The Curious Case of the NBC's Status," which resonated strongly within the construction industry and sparked thoughtful dialogue among professionals and stakeholders. It was written soon after cabinet secretariat wrote a letter to all states stating that following NBC is not mandatory. follow this link to read it again https://www.manojmittal.in/post/correct-but-not-quite-right-the-curious-case-of-the-nbc-s-status/

Today, as the landscape of regulation and reform continues to shift, I feel an even greater urgency to revisit this issue. The NBC is not merely a technical document—it is the cornerstone of safe, sustainable, and orderly development in our country. Its fate will shape the standards by which we build, innovate, and protect our communities. It is imperative that we approach any changes to the NBC with the utmost care, foresight, and respect for the decades of expertise and collaboration that have gone into its creation.

The Government of India is vigorously pursuing next-generation deregulation and reforms under the Viksit Bharat 2047 vision. These include simplifying rules, scrapping archaic licenses, ending "inspector raj," and promoting a trust-based Jan Vishwas Siddhant. A Deregulation Cell and Task Force on compliance reduction have been created to help states and union territories reform procedures. These efforts are laudable. They will undoubtedly boost entrepreneurship, reduce compliance burdens, and strengthen India's economy. Yet, in this broader push, the NBC has unexpectedly come under pressure.

As a member of the NBC Committee (CED-46) of the Bureau of Indian Standards (BIS), I was deeply dismayed by recent directives from the Deregulation Cell of the Cabinet Secretariat. These suggestive instructions call for the deletion of critical sections—Parts 0, 1, 2, 10 & 11—of the National Building Code (NBC), the downgrading of Parts 4, 7, and 12 to mere guidelines, and the removal of development control norms from Part 3. Such sweeping changes are nothing short of astonishing. They appear to stem from a fundamental misunderstanding of the NBC and misguided advice to the authorities concerned.

It is important to recognize that the NBC 2016 has just undergone a rigorous and comprehensive revision, a process spanning around 2 years and culminating in a document ready for publication. This significant effort drew upon the expertise and dedication of thousands of professionals from government, academia, industry, and various professional bodies. Revising a document of this magnitude is not a trivial undertaking—it is a herculean task that demands collaboration, technical acumen, and an unwavering commitment to excellence. Diluting or dismantling the NBC now would not only undermine decades of collective wisdom and hard work but also jeopardize the integrity and safety of India's built environment. Any move to weaken its provisions risks eroding the very foundation upon which our communities are built.

The National Building Code (NBC) is India's foundational technical document for building planning, design, construction, and maintenance. First published in 1970 and revised in 1983, 2005, and 2016, it has consistently incorporated the latest technological advancements. Widely regarded as the "Gita and Bible" of the construction industry, the NBC serves as a single, authoritative source of knowledge for engineers, architects, planners, students, regulators, and policymakers. Many state governments base their building byelaws on it, while government departments and private organizations rely on it for quality by mentioning it in contracts. The Code comprises 13 parts, including Part 0 (Integrated Approach) and Part 2 (Administration), which are especially critical as they provide the framework architecture to operationalize the NBC. In a sector that remains loosely regulated and lacks a central Engineers' Act, these provisions offer essential guidance to regulatory bodies and practitioners alike. Follow the following link to get more information about National Building Code of India. https://www.bis.gov.in/standards/technical-department/national-building-code/?lang=hi/

Despite being recommendatory in nature, the NBC has earned a position of eminence because of its comprehensiveness, technical rigor, and credibility. Diluting or downgrading it now would not only undermine decades of collective expertise but also weaken the very foundation of India's construction ecosystem—a grave mistake at a time when the nation is striving for safe, sustainable, and future-ready infrastructure.

The Deregulation Cell has raised following major concerns while suggestively directing deletions/dilutions:

- *Regulations governing land and buildings are under the jurisdiction of individual states.*
- *Fire safety and its regulation also fall within state authority.*
- *Small Scale Industries organizations report challenges in meeting compliance requirements.*

- *Provisions in the National Building Code (NBC), along with consultant's requirements contribute to increased costs.*
- *Restrictions such as setbacks, ground floor coverage, Floor Area Ratio (FAR), and height limits result in underutilized land.*
- *The language of the Code appears excessively legalistic, creating the impression that compliance is compulsory.*

While these issues merit discussion, they do not justify weakening or discrediting the NBC. The Committee in its meeting expressed willingness to refining specific provisions and have meaningful dialogues . However, reducing sections or converting them into mere guidelines would undermine the fundamental purpose of a national code.

The Cabinet Secretariat clarified in June 2025 that NBC is voluntary and non-binding. This is true. But if NBC is diluted, every state and UT will be forced to create its own building code, leading to duplication of effort, resource wastage, and inconsistent standards. Many states lack the technical expertise to draft such documents. The result will be inferior, erroneous, and fragmented documents, undermining safety, sustainability, and efficiency in construction. How will it promote ease of doing business? In any case it is not a case of infringement on the rights of states as NBC is only a voluntary document.

NBC should never be considered under the deregulation ambit. Unlike labor law simplification, which modernized archaic regulations, NBC is a technical standard that ensures orderly, safe, durable, and healthy built environments. In fact, NBC 2016 already promotes online and single-window building permit systems—a hallmark of deregulation worldwide. What is needed is proper implementation, not dilution. Moreover, India's skill gaps make it impractical to rely solely on performance-based design approaches. Prescriptive standards remain essential for consistency and safety with some provisions of performance-based designs.

The NBC must remain a national-level, common, technically sound document in its full form and content. Periodic revisions, like the one just completed, should continue to incorporate modern technologies and practices. States and UTs may adopt or adapt NBC as per their priorities, but the national standard must stand intact.

NBC is not a hindrance to ease of doing business—it is an enabler. It ensures that India's built environment is safe, sustainable, and future-ready. Dilution would be a step backward, not forward. The government's reform agenda is commendable, but it must set its priorities right. The NBC is too important to be sacrificed at the altar of deregulation. It is the backbone of India's construction ecosystem, and its integrity must be preserved.

Let NBC remain what it has always been: the guiding light for building a safe, sustainable, and developed India.

Disclaimer: The views and interpretations expressed herein are solely those of the author and are intended for educational and awareness purposes only. This content reflects my personal understanding and perspective on the subject, particularly emphasizing the significance of a meticulously drafted important and very useful document. It is not meant to criticize anyone or anything. It also does not represent the opinions of any affiliated institutions or organizations.

****

QUIZ - Test Your Structural Concepts!

This quiz is designed to generate interest in structural engineering among stakeholders and to encourage greater participation from young engineers, with each issue of the newsletter featuring three conceptual questions covering diverse aspects of the discipline. The names of the first ten participants who submit all correct answers to **iastructe@gmail.com** within the first three days of the newsletter's release will be published in the subsequent issue.

No reader was able to provide all correct answers to the quiz published in the **November 2025 Newsletter**. The correct answers are provided below for reference:

1. When designing a short column subjected to combined axial load (P_u) and uniaxial bending moment (M_u), the interaction curve is used. The partial safety factor for concrete γ_{mc}) in this limit state is taken as **1.5**. However, when calculating the design compressive stress in concrete (0.446 f_{ck}), the factor 0.67 is introduced. This factor, 0.67 (for converting f_{ck} to mean cylinder strength), is specifically accounted for in column design to:
   Answer: *(c)*
2. If an RC member is required to have a 4 hour fire resistance rating, what is the minimum nominal cover that must be provided to the main reinforcement?
   Answer: *(d)*
3. According to the IS 456:2000 code, tension splices in flexural members should NOT be provided at:
   Answer: *(b)*

Questions for the December issue are given below: *Test your knowledge and stand a chance to be featured in the next issue!*

1. Minimum shear reinforcement (stirrups) is compulsory in all beams, even if the nominal shear stress (τ_v) is less than the design shear strength of concrete (τ_c). The only exception where minimum shear reinforcement is NOT mandatory is:
   a) Beams of minor importance (like lintels).
   b) Footings.
   c) Slabs and shallow members where D<250 mm.
   d) Beams where the magnitude of τv is less than 0.5 τc.
2. A building is considered torsionally irregular if the maximum storey drift (displacement) at one end of the structure is greater than a certain multiple of the minimum storey drift at the other end. What is this limit?
   a) 1.0 times.
   b) 1.25 times.
   c) 1.4 times.
   d) 1.5 times.
3. IS 13920: 2016 (Ductile Detailing Code) governs the detailing for seismic resistance. For the longitudinal reinforcement of a beam, the minimum tensile reinforcement ratio (ρ_{min}) is specified. This ρ_{min} is primarily intended to
   a) Satisfy the minimum stiffness requirement for deflection control.
   b) Prevent sudden brittle failure by ensuring the yield moment is slightly higher than the cracking moment.
   c) Ensure the section remains under-reinforced.
   d) Control crack widths under service loads

IAStructE Social Media accounts

Let's get "***DIGITIZED***"
Please follow us on all major media platforms. For joining us, below mentioned links to be pasted in browser. Let's join hands together to promote the profession of Civil Engineering.

1. **on TWITTER** as **IAStructE: -**https://twitter.com/iastructe
2. **on Facebook** as **IAStructE: -**https://www.facebook.com/IAStructE-100114022302316
3. **on LinkedIn: -**The group is defined as Indian Association of Structural Engineers-IAStructE https://www.linkedin.com/groups/6646248/
4. **on YouTube** as **IAStructE Webinar: -** Subscribe and press bell icon https://www.youtube.com/channel/UCvv7ojXO9Dxq1WtP_yHZTKw

Members Achievement:

1. Er. Samir Surlaker, Director, Assess Buildchem, and Fellow, IAStructE, was conferred the prestigious Lifetime Achievement Award by the Indian Concrete Institute (ICI) during ACECON 2025, in recognition of his distinguished and enduring contributions to construction chemicals and concrete technology over several decades of leadership.

2. B&S Engineering Consultants Pvt. Ltd., Noida, headed by Mr. Alok Bhowmick, President, IAStructE, has been felicitated by The Institution of Engineers (India) with two IEI Industry Excellence Awards 2025 for Excellence in Research & Development and Excellence in Employee Base Profile, under the category of Engineering Services and Consultancy.

Call for papers for the theme-based issue of SED journal:

SED Editorial Board invites article contributions for the forthcoming issues of the Structural Engineering Digest on the following themes, which shall be published in e-book format.

1. **Role of Digital Technology in Structural Engineering**
2. **Dam and Hydropower Structure**
3. **Connections**

Interested professionals may send their full paper on any of the above issues along with their photograph and brief resume at the earliest convenience. Articles are invited from i) Members of IAStructE; ii) Specialists in the field even though they are not members of IAStructE. These thematic issues aim to provide valuable insights, highlight emerging trends, and promote knowledge sharing within the structural engineering community.

Call for papers for CROSFALL:

CROSFALL is a newsletter created by Indian Association of Structural Engineers (IAStructE). Its purpose is to share lessons learnt from structural failures, near-misses and safety concerns. The objective is to help create a safer built environment, enhance industry knowledge, and mitigate future risks by sharing real-life failure case studies with expert analysis. We expect professionals reading these newsletters to use these informations in their design to make safer structures. CROSFALL is greatly encouraged and inspired by CROSS (Confidential Reporting on Structural Safety), UK, which is a collaborative effort of three institutions (IStructE, ICE and IFE). There is however no connection between CROSFALL-IAStructE and CROSS-UK.

CROSFALL Editorial Board invites reports for the forthcoming issues. Interested candidates can sent the reports about structural safety issues related to all types of structures (i.e. buildings, bridges, tunnels, industrial structures etc.) in the built environment. The reporting can be related to:

- *Structural failures,*
- *Poor Design and Detailing, Lack of Seismic Safety in planning*
- *Safety concerns about high risk erection schemes at Site; Safety concerns on Temporary Works*
- *Near misses, or observations relating to procedures followed at site, which may lead to failures or collapses.*
- *Unethical practices in the profession*

Reports do not have to be about current activities so long as they are relevant. Small scale events are equally important - they can be the precursors to more major failures. Report might relate to a specific experience or it could be based on a series of experiences indicating a trend. No concern is too small to be reported and conversely nothing is too large. Reports should aim to include information that will help others to learn from the safety issue identified.

To submit the report please go through the following link: www.iastructe.co.in/crosfall.php

Advertisement Tariffs:

Structural Engineering Digest (being published in PDF format)

	Rates Per issue	**Discounted rate at 20% for 4 consecutive issues**	**Advertisement Size**
Full Page	Rs. 20,000/-+ 18% GST	Rs 64,000/- + 18% GST	9.5-inch x 7 inch

IAStructE Monthly Newsletter (being published in PDF format)

	Rates for advertisement	**Advertisement Size**
Full Page	Rs. 10,000 per issue, 10% rebate for quarterly, 20% rebate for half yearly and 30% rebate for yearly booking	9.5-inch x 7 inch
Half Page	Rs. 7,000/- + 18% GST per issue, 10% rebate for quarterly, 20% rebate for half yearly and 30% rebate for yearly booking.	4.75-inch x 7 inch
1/8th of a Page	Rs. Rs. 2,000/- + 18% GST per issue, 10% rebate for quarterly, 20% rebate for half-yearly, and 30% rebate for yearly bookings. (Only for IAStructE Members)	Standard size of Business Card

Accredited Structural Engineers (ASE – IAStructE):

The IAStructE Accreditation Program for Accredited Structural Engineers (ASE – IAStructE) is designed for experienced structural engineers with a strong understanding of Indian design codes and standards. This accreditation sets a benchmark for professional and technical excellence, enhancing structural engineering practice in the country. The entire program would be on the basis of a two-stage process consisting of an interview for the assessment of Initial Professional Development (IPD) followed by a written examination based on actual problem-solving. Both stages are mandatory to clear the assessment process and thus to get recognition. An Accredited Structural Engineer – IAStructE is someone who wishes to:

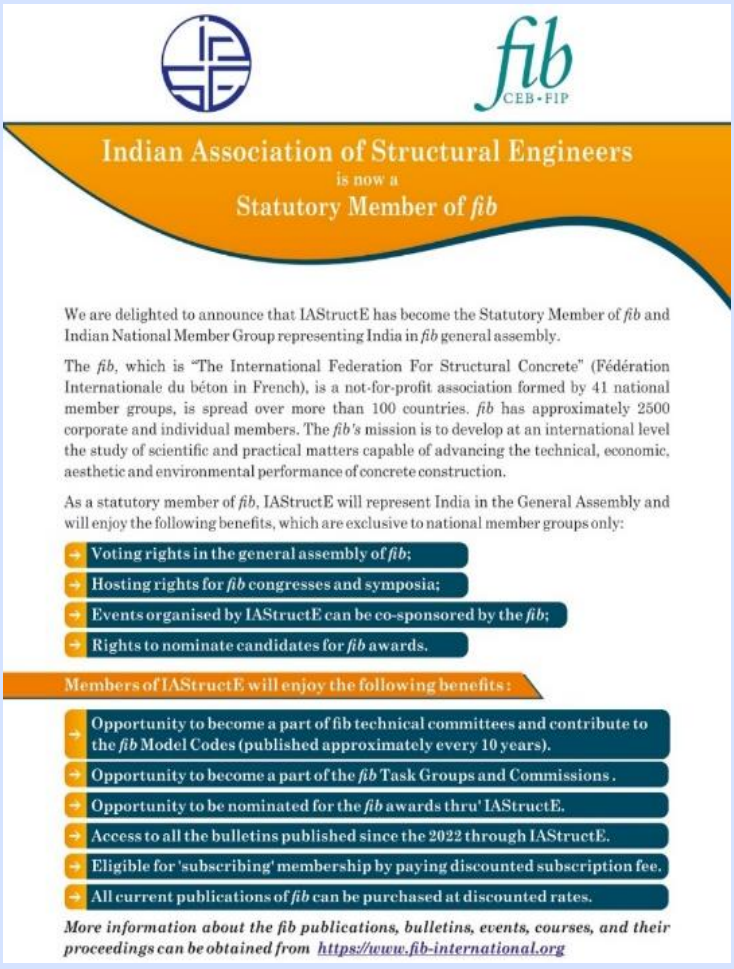
- validate their comprehensive experience and understanding of all types of structural engineering work and managerial capabilities
- demonstrate their competence on the basis of IPD and Continuous Professional Development activities in the field

The complete information about the entire process along with the application form and annexures can also be obtained from a booklet, which can be downloaded from the following link: https://www.iastructe.co.in/ase-iastructe-accreditation.php

Subscribing membership of fib through IAStructE:

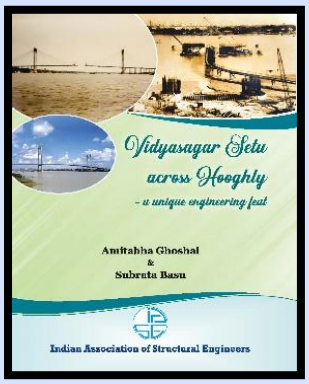
Fib has started inviting the membership subscription for 2026. There are many benefits available for IAStructE members and others who want to become subscribing members of fib through IAStructE. Fees for subscribing members through IAStructE: The discounted fees exclusively for the IAStructE members to become the "subscribing members" of fib shall be Rs 24,000.00 (CHF 250.0 approx.) as against CHF 465 for the Non-IAStructE members. The procedure to get the subscribing membership of fib for the year 2026 is as follows:

1. Interested members can remit the membership amount of Rs 24,000 (i.e. CHF 250) + 18% GST to IAStructE.
2. On the last day of every month, the contact details of those members who made the payment and want to be subscribing members will be sent to the fib.
3. The subscribing membership of fib will be valid for the calendar year up to December 31, 2026.

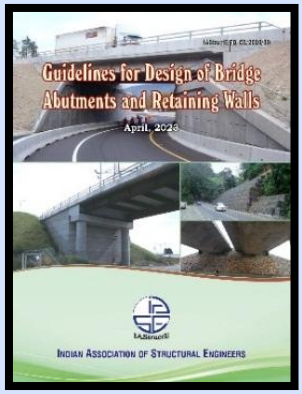


IAStructE Publications:

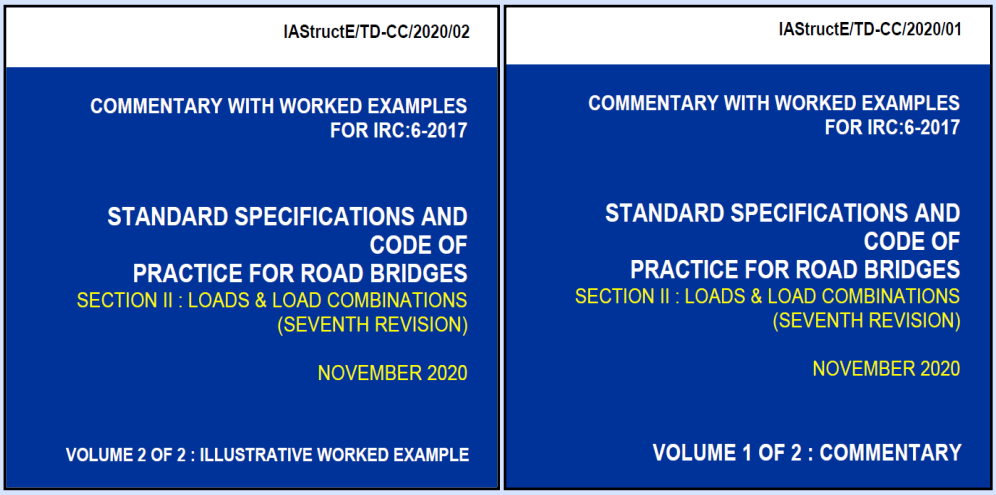
1. Book on Vidyasagar Setu across Hooghly – *A unique engineering feat*: The book is about the story of an iconic bridge structure - the Vidyasagar Setu, initially known as the Second Hooghly Bridge (or crossing). The authors Mr. Amitabha Ghoshal and Mr. Subrata Basu have created an engaging narrative that covers both the engineering as well as the other related issues in lucid detail. The book is available for Sale @ Rs 1200/- + Rs 150/- (postal charges). IAStructE Members are entitled to a discount of 10% on the book price. Interested professionals who wish to purchase the book may contact us at iastructe@gmail.com.



2. Guidelines for Design of Bridge Abutments and Retaining Walls: This document will assist practicing bridge and structural engineers in building confidence in the design of these structures, which offers tools for the design of economic and innovative retaining structures. The document is rich in theoretical explanations and draws on much experience of the authors. Worked examples further illustrate the application of the applicable codes and should promote better understanding. The document is available for sale @ Rs. 1500/-. Interested professionals who wish to purchase this document may kindly contact IAStructE Secretariat at **iastructe@gmail.com.** Members of IAStructE will be entitled for a discount of 10% on the price.

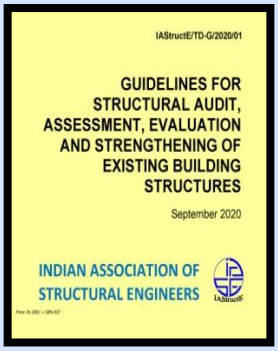


3. Commentary with Worked Examples for IRC: 6-2017: It is a document having commentary with worked example on IRC: 6-2017 (The code for Loads & Load Combinations for design of Highway Bridges). This commentary is in two separate volumes. Volume-1 pertains to the Commentary while Volume-2 pertains to Illustrative Worked Examples. It has 48 worked examples demonstrating application of various codal clauses. The documents are available for sale @ Rs. 1200/- for Volume 1, and @ Rs. 800/- for Volume II. Members of IAStructE and IRC will be entitled for a discount of 10% on the price. Interested professionals who wish to purchase the commentary may kindly register with the following link or contact IAStructE Secretariat at **iastructe@gmail.com**

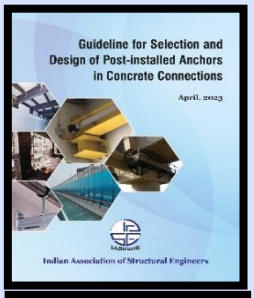


Registration link: **http://iastructe.co.in/new-iastructe-publication.php**

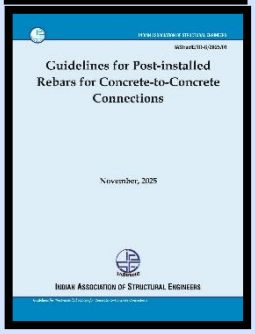
4. Guidelines for Structural Audit, Assessment, Evaluation and Strengthening of Existing buildings Structures: This document will guide structural engineers in proper assessment of building structures before issuing structural stability certificate. The Guideline emphasizes the urgent need to enhance building resilience against earthquakes and other hazards, ensuring structures nationwide remain safe from disaster risks. The price of this e-document is Rs 200/-. Interested professionals, who wish to obtain the soft version of the Guideline in pdf format, may register with the following link. Registration Link: **http://iastructe.co.in/guidelines-for-structural-audit.php**



5. Guideline for Selection and Design of Post-installed Anchors in Concrete Connections: This document covers post-installed anchors, including their types, behavior, working principles, failure modes, and design steps for both non-seismic and seismic conditions. It also includes illustrative design examples. Available at www.iastructe.co.in under IAStructE Professional Documents, members can access it after logging in.



6. Guidelines for Post-installed Rebars for Concrete-to-Concrete Connections: In this document, design methods for non-seismic and seismic situations, specifications, guidelines on installation and inspections of post-installed bars are covered. A few illustrative design examples too are presented for better understanding of design methodology.. Available at www.iastructe.co.in under IAStructE Professional Documents, members can access it after logging in.



7. Commentary on IS: 13920 and Commentary on IS: 1893 Part 1: The commentary is available on www.iastructe.co.in under IAStructE Professional Documents. IAStructE member can access this document after login.

IAStructE Library:

IAStructE has set up a library at K-69 A, Basement Kalkaji, New Delhi. It has a collection of good technical books and journals related to civil & structural engineering. Members staying in the vicinity are encouraged to utilize this facility, and if you want to contribute your books and journal to the library you are always welcomed. Please be noted that we have recently received the documents, Design & Construction—Concrete Structures 2024, bulletins 111 and 112 from fib, which are available at the IAStructE library. Interested members may come to take the opportunity to read the publications.

View of IAStructE Library

About IAStructE:

Indian Association of Structural Engineers (IAStructE) is the national apex body of structural engineers in India established with the objective to cater to the overall professional needs of structural engineers. The association has become the source of expertise and information concerning all issues that involve structural engineering and public safety within the built environment. It has no commercial aim or objective. IAStructE is purely a professional learned society with the prime objective of supporting and protecting the profession of structural engineering by upholding professional standards and acting as a mouthpiece for structural engineers. IAStructE endeavors to ensure that its members develop the necessary skill in structural engineering and work to the highest standards by maintaining a commitment to professional ethics and standards within structural engineering. IAStructE strives for continued technical excellence; advancing safety and innovation across the built environment. It also strives to make available to the Government, Public Sector and Private Sector - a credible source of well qualified and experienced Structural Engineers. A nationwide database of Structural Engineers has been compiled and is being constantly updated. IAStructE undertakes a broad range of technical activities which are aimed at information sharing and capacity building. The association provides opportunity for all the members to develop various skills in structural engineering and helps members to be at the forefront of structural engineering practice. Towards achievement of its aims and objectives, IAStructE is engaged in organizing the following: CPD Courses for Professionals at all levels Refresher Courses for Fresh Graduate Engineers, Student's orientation program, Seminars/Workshops, Technical Lectures by Experts, Technical Discussions on Contentious Issues. IAStructE is currently operating from four regional centers. These regional centres located in the Eastern, Western, Northern and Southern parts of the country effectively cater to the professional needs of members residing/practicing all over the country.

Membership Benefits:

Membership of IAStructE is a sought-after professional accreditation. Your membership of IAStructE can help you enhance your intellectual, academic, technical and professional status. It provides inter connectivity to the fellow professionals and the fraternity. Some of the benefits of membership is provided below:

- ★ Complimentary magazine subscription: All members (except Student Members) receive a complimentary subscription to the Institution's flagship publication 'Structural Engineering Digest' (SED). Published quarterly, each issue allows members to remain connected to the association through the provision of technical papers, Industry and Institution News, featured articles, Professional Guidance on everyday matters affecting the practicing structural engineers.
- ★ Access to the professional documents
- ★ Access to all Technical Lectures, organized every month, at no charge
- ★ Access to Technical Discussions held regularly
- ★ Access to the association's library (Including e-library)
- ★ Discounts in attending Seminars and Workshops organized by the association
- ★ Full on-line access to the current volume and entire e-archive of journal "Structural Engineering Digest (SED)", Refresher Course Materials, Technical Lectures, E-Newsletters and other Technical Resources of the Association.
- ★ Opportunity to network with professional structural engineers of eminence and to meet potential employers in the association.
- ★ Opportunities for professional development

How to become a member?

Membership form and details are available at https://www.iastructe.co.in/membership-grades.php; for more information and other details contact the Indian Association of Structural Engineers Secretariat

Indian Association of Structural Engineers
K-69A, Basement, Kalkaji, New Delhi 110019
Tel: (011) 45794829; Email: iastructe@gmail.com; Website: www.iastructe.co.in