



## MESSAGE FROM THE PRESIDENT



Greetings to my dear readers and members of IAStructE,

As we move forward through an exciting year 2025, and coming close to its end, I would like to take a moment to reflect on some of the key highlights of the month of October that passed by. It was a particularly eventful month for all of us. It was a month of festivals, a month of energy. It was a month when the monsoon fury is gone, the air turns crisp, and the entire nation celebrated festivals like Ram Lila, Durga Puja, Dussehra, Lakshmy Puja, Dhanteras, Diwali, Kali Puja, Bhaiya Dooj, Chhath Puja and many more such religious to spiritual gatherings.

The month was also particularly eventful for IAStructE. We organised some highly educative and enlightening seminars and webinars in this period. On 17th October 2025, we held a seminar on “BIM & Digital Technology Transforming Bridge Design and Construction Documentation”, conducted at Mumbai by ImageGrafix and NEMETSCHEK India in association with IAStructE and IABSE. A webinar on the topic of “Revolutionizing structural inspection through drone-based diagnostics” was delivered on 24th October 2025 by Dr. Naveet Kaur, Principal Scientist, CSIR-CRRI.

Talking about the advancements that is taking place in structural engineering around us, I think the impact of AI in our profession would surpass science, business, finance, and sales. A profession of structural engineering which is historically resistant to change, we find ourselves at a pivotal juncture. The profession is both susceptible and alluring to the transformative power of AI. Our profession is codified, mathematical, prescriptive, and commands compensation large enough to attract interest beyond our borders. Venture capitalists are pouncing on the opportunities associated with AI in our profession. They are establishing structural engineering companies, using AI to automate designs, and circumventing traditional consulting firms to engage directly with stakeholders. Unless we realise this threat and rapidly upgrade our skills, we will have little option but to play a subservient role in the profession. The choice before us is clear: a future colored by fear or one illuminated with promise. Amid the risks of job displacement lies a profound opportunity for taking lead in the profession

Our impact depends on our strength. And our strength comes from our active members. So let's grow with purpose, let's be more active in the profession and let's volunteer to give a fraction of our time for the association and lead through our mission.

Happy Reading !

Alok Bhowmick

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**FROM THE EDITOR'S DESK**

Respected Esteemed Members,

It is indeed a pleasure to introduce the October 2025 edition of the IAStructE Newsletter. This month has been exceptionally vibrant, enriched through high-quality technical lectures at the Association level and strengthened further by the remarkable enthusiasm and leadership demonstrated by our IAStructE Student Chapters.

Two impactful technical knowledge-sharing programs were conducted this month by IAStructE. A seminar on “BIM & Digital Technology Transforming Bridge Design and Construction Documentation” was held on 17th October 2025 in Mumbai in collaboration with ImageGrafix and NEMETSCHek India, in association with IAStructE & IABSE. In addition, a webinar on “Revolutionizing Structural Inspection through Drone-Based Diagnostics” was delivered on 24th October 2025 by Dr. Naveet Kaur, Principal Scientist, CSIR-CRRI, demonstrating the emerging integration of NDT, AI and drone-based systems in future structural diagnostics.

What stood out even more this month was the active participation and academic depth displayed by our Student Chapters. The IAStructE–DTU Student Chapter organised an expert lecture on “Interarch & Pre-Engineered Buildings” on 14th October 2025, featuring Mr. Saurabh Gupta (AGM, Interarch Building Solutions Ltd.) along with a senior technical delegation, providing students with first-hand exposure to PEB technology, sustainability considerations and real-world application frameworks. Similarly, the IAStructE–IIT Hyderabad Student Chapter hosted an online lecture on “Heritage and Hazard: Adapting Indigenous Himachali Construction Techniques for Modern Safety Challenges” on 30th October 2025 by Dr. Thainswemong Choudhury, IIT Mandi, offering deep insights into traditional Himalayan systems and their proven seismic behaviour, supported by advanced computational modelling perspectives.

These activities reaffirm that our young engineering community is not only learning, they are already thinking, analysing and engaging like professionals.

The future leadership of our profession is being shaped within these Student Chapters. As Editors, we see this as the most powerful indicator of IAStructE’s long term impact and relevance. I strongly encourage more institutions to initiate Student Chapters and more students to take part, volunteer, ideate, question, experiment and lead.

Looking ahead, November will also be significant with two key events: the Mahendra Raj Memorial Lecture, IAStructE Awards Ceremony & Structural Engineers’ Day on 15th November 2025 at PHD House, New Delhi, and a webinar on “Technological Advancements and Cutting-edge Practices in Mechanically Stabilised Earth Structures” on 20th November 2025 at 4:00 PM (IST).

I congratulate all student organisers, faculty coordinators, speakers and participants who made this month truly meaningful and I invite all members to participate actively in the upcoming programs as well.

Happy Reading!

Warm regards,



**Dr. Priyanka Singh**



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## Events Organized:

### 1. Lecture on “Revolutionizing Structural Inspection through Drone-Based Diagnostics”

A lecture on “Revolutionizing Structural Inspection through Drone-Based Diagnostics” was organized on October 24, 2025. The session was delivered by Dr. Naveet Kaur, Principal Scientist, CSIR-CRRI, and was ably moderated by Dr. Lakshmy Parameswaran, Former Chief Scientist, CSIR-CRRI. The session was initiated by Dr. S. K. Dhawan, Governing Council Member, IAStructE. Dr. Kaur highlighted the transformative role of drones integrated with non-destructive testing (NDT) methods for faster, safer, and more comprehensive evaluation of bridges and other civil structures. The talk showcased the R&D advancements at CSIR-CRRI, including the patented Vibro-Integrity Sensing Device (VInSD) and its aerial version VAIU, along with upcoming innovations like DrCAD. The lecture emphasized how AI, IoT, and digital modeling are paving the way for autonomous, data-driven diagnostics in structural health monitoring. The recorded lecture can be seen from the following YouTube link: <https://youtu.be/3aOxL0jyOEw>



Fig 1: Glimpses of the Lecture

### 2. Webinar on “Diverse Wind Engineering Requirements – Tall Buildings vs. Long-Span Bridges”,

A webinar on “Diverse Wind Engineering Requirements – Tall Buildings vs. Long-Span Bridges” was successfully held on October 16, 2025. The session was delivered by Dr. K. Suresh Kumar, Vice President – Global Consulting, RWDI, and was ably moderated by Prof. Prem Krishna, Former Professor, IIT Roorkee. The session was initiated by Mr. Sandeep Pattiwar, Chairman, Professional Development & Technical Events Committee, IAStructE. Dr. Suresh Kumar discussed wind engineering requirements for tall buildings and long-span bridges with illustrative case studies. He highlighted that wind engineering for tall buildings primarily focuses on lateral sway (along-wind, cross-wind) and torsional responses, whereas for bridges, the emphasis is on lateral, vertical, and torsional responses. He further explained that bridges, being lightweight and gravity-defying, are more prone to instability, while tall buildings, being heavier, rarely experience unstable motions. The recorded lecture can be seen from the following YouTube link: <https://youtu.be/H3mdiZtUbPo>



Fig 2: Glimpses of the Webinar

### 3. Seminar on "BIM & Digital Tech Transforming Bridge Design & Construction Documentation" supported by IAStructE

A seminar on "BIM & Digital Technology Transforming Bridge Design and Construction Documentation" was held on October 17, 2025, in Mumbai, jointly organized by ImageGrafix and NEMETSCHKE India, in association with IAStructE and IABSE. The event featured insightful sessions on "Challenges in Bridge Design, Construction, and Documentation – An Industry Perspective", an overview of BIM and digital technology applications in bridge construction and documentation, live demonstrations of Allplan Bridge and Bluebeam Revu tools for enhanced collaboration, and an Allplan Bridge case study.

#### IAStructE Student Chapter Activities

##### IAStructE – DTU Student Chapter Event:

###### 1. Lecture on Interarch and Pre-engineered Building

The IAStructE DTU Student Chapter, Department of Civil Engineering, successfully organized an enlightening Expert Talk on "Interarch & Pre-Engineered Buildings" on 14th October 2025. The session featured Mr. Saurabh Gupta, *Assistant General Manager, Interarch Building Solutions Limited*, who shared valuable insights into the evolving field of pre-engineered building systems, their design efficiency, and their growing importance in modern construction practices. Along with the main speaker, the Chapter had the privilege of welcoming a delegation of four distinguished guests from Interarch, including Mr. Sanchit Singh Bhatia (Sales Business Development Manager) as well as Chief Engineers, whose presence added immense value to the session. The department's Head of Civil Engineering, Prof. K.C. Tiwari, also graced the event and felicitated the guests, acknowledging their contribution towards bridging academic knowledge with industrial expertise. The event provided students with an excellent opportunity to understand practical industry applications, innovative structural solutions, and sustainability considerations in steel building design. The session witnessed enthusiastic participation from civil engineering students, followed by an engaging Q&A round. Participants were awarded certificates for their active involvement. The event was coordinated by Mr. Parth Lamba (Convener), along with Mr. Pabanisitaram Pati (Secretary), Mr. Amit Singh (Joint Secretary), and Mr. Mridul Kumar Singh (Treasurer), under the guidance of Prof. Shilpa Pal and Dr. Ritu Raj. The IAStructE DTU Chapter continues its mission to bridge the gap between industry and academia through such informative sessions that inspire and empower budding structural engineers.



Fig 3: Glimpses of the event

##### IAStructE – IIT Hyderabad Student Chapter Event:

###### 2. Lecture on Heritage and Hazard: Adapting Indigenous Himachali Construction Techniques for Modern Safety Challenges

The IAStructE–IIT Hyderabad Student Chapter organized a guest lecture on “**Heritage and Hazard: Adapting Indigenous Himachali Construction Techniques for Modern Safety Challenges**” on 30<sup>th</sup> October, 2025. The session was delivered by **Dr. Thainswemong Choudhury**, Assistant Professor, School of Civil and Environmental Engineering, IIT Mandi, through an online mode. The lecture offered an insightful exploration of the structural wisdom embedded in traditional Himalayan architecture and its relevance to modern safety and sustainability challenges. Dr. Choudhury opened the session by emphasizing the superior seismic performance of traditional Himachali systems compared to unreinforced masonry, which has often failed in past earthquakes. He explained how the region’s challenging topography, high altitude, and remote setting have helped preserve indigenous construction practices such as Kath-Kuni, Dhajji-Dewari, Taq, Thathara, and dry-stone masonry. Each of these techniques, deeply rooted in local material use and climatic adaptability, reflects centuries of empirical engineering knowledge passed through generations.

Dr. Choudhury provided a detailed technical insight into traditional Himachali construction systems, highlighting their seismic efficiency and modern relevance. Kath-Kuni structures, with alternating layers of timber and stone joined through dovetail or corbel interlocks, achieve box-type action that effectively dissipates seismic energy. Dhajji-Dewari systems, using timber frames with stone or brick infill, offer ductility and controlled energy absorption—principles consistent with modern confined masonry. He also discussed the computational challenges in modeling these irregular, heterogeneous systems. Conventional continuum models often fail to capture localized failures, prompting the use of advanced approaches such as the Extended Finite Element Method (XFEM) and micro-modelling to simulate complex joint behaviors like sliding, separation, and cracking. He stressed the need for intelligent meshing strategies to improve model reliability and efficiency. The lecture further explored hybrid construction integrating traditional systems with modern materials such as concrete and steel. While enhancing durability, such interventions can disrupt seismic performance if not balanced carefully. Dr. Choudhury emphasized preserving the mechanical and cultural integrity of indigenous systems. He concluded by advocating a research-driven, multidisciplinary approach to optimize traditional methods through engineered wood, advanced material testing, and region-specific guidelines—bridging heritage with modern innovation for safer, sustainable construction.

An engaging Q&A session followed, with participants seeking clarifications on the feasibility of constructing new Kath-Kuni houses, the development of seismic design codes for hilly terrains, and the mechanisms governing load transfer in Taq and dry-stone masonry. Dr. Choudhury’s detailed and pragmatic responses, supported by field experiences and computational insights, enriched the discussion. The session concluded on a high note, leaving participants inspired by the fusion of heritage and engineering science. Dr. Choudhury’s lucid presentation, supported by real-world visuals and technical rigor, made the lecture both intellectually stimulating and contextually relevant. The event successfully highlighted the importance of integrating traditional construction wisdom with contemporary research to build resilient and culturally rooted structures for the future.

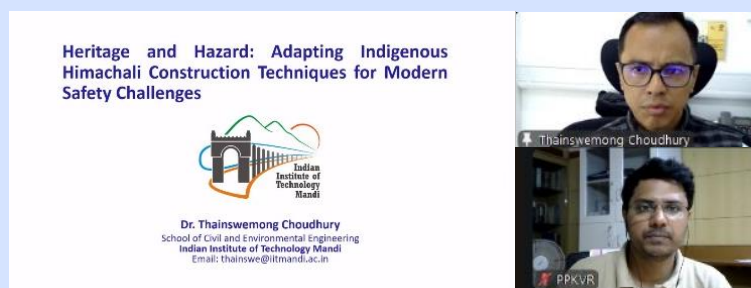


Fig 4: Glimpses of the Lecture



## Forthcoming Events

### 1. Mahendra Raj Memorial Lecture, IAStructE Awards Ceremony, and Structural Engineers' Day

IAStructE is organizing a Mahendra Raj Memorial Lecture, IAStructE Awards Ceremony, and Structural Engineers' Day on 15 November 2025 (Saturday) from 09:30 AM onwards at Modi Hall, PHD House, 4/2, Siri Institutional Area, August Kranti Marg, New Delhi. Participation is free of charge; however, prior registration is mandatory due to limited seating capacity. The last date for registration is 10th November 2025. Registration can be done from the following link:- <https://forms.gle/6MEpciahKZLgXMnh6>

### 2. Webinar on "Technological Advancements and Cutting-edge Practices in Mechanically Stabilised Earth Structures"

Geoquest India Pvt. Ltd., in association with the IAStructE, is organizing a Webinar on "Technological Advancements and Cutting-edge Practices in Mechanically Stabilised Earth Structures" by Dr. Subhajit Chatterjee and Mr. Soumyadeep Majumdar from Geoquest on Thursday, 20 November 2025, at 4:00 PM (IST). The webinar will be moderated by Dr. Anil Joseph, Governing Council Member, IAStructE.

Registration link: [https://us02web.zoom.us/webinar/register/WN\\_SgG2ODhtTU2TwRMVEGyeGA](https://us02web.zoom.us/webinar/register/WN_SgG2ODhtTU2TwRMVEGyeGA)

### **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](https://www.youtube.com/channel/UCvv7ojXO9Dxq1WtP_yHZTKw)

## QUIZ - Test Your Structural Concepts!

IAStructE has introduced a new section in its newsletter in the form of a quiz, with the objective of generating interest in structural engineering among stakeholders and encouraging greater participation from young engineers in the field. Each issue of the newsletter will feature three conceptual questions covering different aspects of structural engineering. The names of the first ten participants who submit all correct answers to [iastructe@gmail.com](mailto: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 **September 2025 Newsletter**. The correct answers are provided below for reference:

1. Axially loaded concrete column can have additional effects in design (*Identify the correct statements*)  
**Answer:** (a) and (b)
2. Reinforcing bars are characterized by the following (*Identify the correct statements*)  
**Answer:-** All the above are **incorrect statements**.
3. A steel plate girder can undergo buckling as follows: (*Identify the correct statements*)  
**Answer:-** All the above statements are **correct**.

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

1. Minimum diameter of vertical reinforcement in column is specified as 12mm in various codes because of any one of the following reasons:
  - a. For ensuring certain minimum capacity of the column
  - b. From consideration of durability
  - c. Thinner bars are prone to buckling outwards
  - d. For ease of handling and placement of reinforcements
2. Precast elements are usually placed on a **three-point support system** during storage, stacking and transport. This is mainly because of any one of the following reasons:
  - a. To economise on the cost of support system.
  - b. To provide a predictable and stable base. It ensures that the element rests securely without wobbling, even on uneven ground or a slightly distorted trailer.
  - c. To reduce stresses in the precast elements during storage, stacking
3. For seismic prone areas (i.e. Seismic zone III to V), the actual 0.2% proof strength of rebar shall not exceed the characteristic 0.2% proof strength considered in design, by more than 20%. Why increase of strength in rebar beyond a limit is not allowed?
  - a. Increase in actual strength will lead to increased forces in structure under seismic induced forces
  - b. Increased strength would lead to more brittleness of rebar
  - c. To reduce wasteful expenditure and from sustainability considerations.

### **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. **Tall Buildings & Structures**
2. **Role of Digital Technology in Structural Engineering**
3. **Codes in Structural Engineering – Developments & Needs for Change.**

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.

### **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](http://www.iastructe.co.in/crosfall.php)

### **Advertisement Tariffs:**

#### **Structural Engineering Digest (being published in PDF format)**

	<b>Rates Per issue</b>	<b>Discounted rate at 20% for 4 consecutive issues</b>	<b>Advertisement Size</b>
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)**

	<b>Rates for advertisement</b>	<b>Advertisement Size</b>
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.

Indian Association of Structural Engineers  
is now a  
Statutory Member of *fib*

We are delighted to announce that IAStructE has become the Statutory Member of *fib* and Indian National Member Group representing India in *fib* general assembly.

The *fib*, which is “The International Federation For Structural Concrete” (Fédération Internationale du béton in French), is a not-for-profit association formed by 41 national member groups, is spread over more than 100 countries. *fib* has approximately 2500 corporate and individual members. The *fib*'s mission is to develop at an international level the study of scientific and practical matters capable of advancing the technical, economic, aesthetic and environmental performance of concrete construction.

As a statutory member of *fib*, IAStructE will represent India in the General Assembly and will enjoy the following benefits, which are exclusive to national member groups only:

- Voting rights in the general assembly of *fib*;
- Hosting rights for *fib* congresses and symposia;
- Events organised by IAStructE can be co-sponsored by the *fib*;
- Rights to nominate candidates for *fib* awards.

Members of IAStructE will enjoy the following benefits:

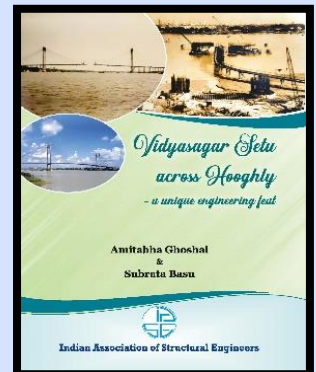
- Opportunity to become a part of *fib* technical committees and contribute to the *fib* Model Codes (published approximately every 10 years).
- Opportunity to become a part of the *fib* Task Groups and Commissions.
- Opportunity to be nominated for the *fib* awards thru' IAStructE.
- Access to all the bulletins published since the 2022 through IAStructE.
- Eligible for 'subscribing' membership by paying discounted subscription fee.
- All current publications of *fib* can be purchased at discounted rates.

More information about the *fib* publications, bulletins, events, courses, and their proceedings can be obtained from <https://www.fib-international.org>

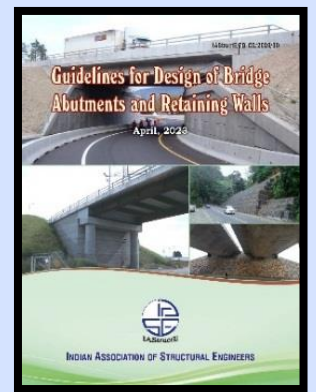
**IAStructE Publications:**

**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](mailto: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](mailto:iastructe@gmail.com). Members of IAStructE will be entitled for a discount of 10% on the price.

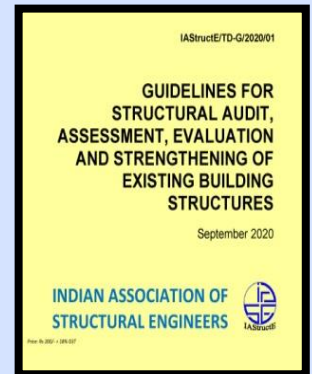
**3. Commentary with Worked Examples for IRC: 6-2017:** It is a document having commentary with worked example on IRC: 6-2017 (The code for Loads & Load Combinations for design of Highway Bridges). This commentary is in two separate volumes. Volume-1 pertains to the Commentary while Volume-2 pertains 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](mailto:iastructe@gmail.com)

IAStructE/TD-CC/2020/02	IAStructE/TD-CC/2020/01
<p>COMMENTARY WITH WORKED EXAMPLES FOR IRC:6-2017</p> <p>STANDARD SPECIFICATIONS AND CODE OF PRACTICE FOR ROAD BRIDGES SECTION II : LOADS &amp; LOAD COMBINATIONS (SEVENTH REVISION)</p> <p>NOVEMBER 2020</p> <p>VOLUME 2 OF 2 : ILLUSTRATIVE WORKED EXAMPLE</p>	<p>COMMENTARY WITH WORKED EXAMPLES FOR IRC:6-2017</p> <p>STANDARD SPECIFICATIONS AND CODE OF PRACTICE FOR ROAD BRIDGES SECTION II : LOADS &amp; LOAD COMBINATIONS (SEVENTH REVISION)</p> <p>NOVEMBER 2020</p> <p>VOLUME 1 OF 2 : COMMENTARY</p>

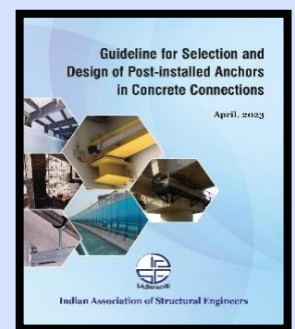
Registration link: <http://iastructe.co.in/new-iastructe-publication.php>

**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](http://www.iastructe.co.in) under IAStructE Professional Documents, members can access it after logging in.



**6. Commentary on IS: 13920:** The commentary is available on [www.iastructe.co.in](http://www.iastructe.co.in) under IAStructE Professional Documents. IAStructE member can access this document after login.

**7. Commentary on IS: 1893 Part 1:** The commentary is available on [www.iastructe.co.in](http://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

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