



MESSAGE FROM THE PRESIDENT



Dear Friends

As we step into the monsoon season, I extend my warm greetings with each one of you and your family. While most of us love the romantic rainy season, welcoming the dark clouds of the monsoons enjoying Raga Malhar, which is the music of this ecstatic season, but one needs to be careful about the maladies or diseases that accompany the monsoon showers. May the coming weeks and month ring in health, wealth, happiness and success to all of us personally and professionally.

We are passing through a phase of global unrest. The Israel-Iran-USA war is ON, the long-drawn Russia-Ukraine war ceases to stop. Add to this, the strained Indo-Pak relations, where India making it clear to our neighbour that the cessation of hostilities under "Operation Sindoor" is only a "Strategic Pause". With all these unpleasant happenings around us, the global environmental concerns spearheaded by UN has taken a back seat. The environmental costs of the conflict are likely to far outlive the fighting itself.

Coming to our profession of structural engineering, as we are moving forward together, we are facing new sets of opportunities & challenges. Rapidly advancing digital technology, with increasing use of Artificial Intelligence in our profession is becoming scary since there are every possibility of its misuse. These challenges gives us an opportunity to set new goals for upskilling our members and reaffirm our commitment to advancing our knowledge and enhancing our skill.

With the support and cooperation from all of you, we have to now focus on :

- a) Reviewing and Strengthening our existing CPD programs and bring in the current topics which helps to empower our members with advanced skill sets.
- b) Focussing on our Professional Accreditation certification program for enhancing structural engineer's skill level. There is need to train our engineers so that through the certification process, they become well-balanced personality with leadership skills.
- c) Expanding our membership, by strengthening outreach initiatives in various regions, pan-India. We need to reach out to every corner of the nation.
- d) Empowering our fraternity by fostering unity amongst various like-minded professional associations to address various professional issues of concerns, which requires governments intervention.
- e) Establish a spirit of camaraderie with all government agencies and seek their help and support for providing better engineering services.

I firmly believe that the strength of IAStructE lives in its members, their skills, dedication & passion for improving lives. Let us work together with renewed energy to uphold the highest standards & inspire the next generation of Structural Engineers.

Once again wishing you a very happy and enjoyable monsoon season. May we continue to achieve every milestone that brings pride to our profession and contribute to building a healthier and stronger nation.

Warm regards!

Best Wishes

Alok Bhowmick



FROM THE EDITOR'S DESK



Respected Esteemed Members,

It gives me immense pleasure to present to you the June 2025 edition of the IAStructE Newsletter, a reflection of the collective spirit, intellect and dynamism that define our vibrant community of structural engineers.

This edition captures the essence of our continued pursuit of excellence amidst an evolving global landscape. From insightful webinars and lectures on geotechnical advancements and structural health monitoring, to the launch of the IAStructE National Awards and enriching technical articles, this newsletter showcases the breadth of activity within our fraternity. We are also proud to feature compelling reflections on structural performance under extreme events and lessons from preventable failures—real-world narratives that underscore the resilience and responsibilities that define our profession.

A special highlight is the article by Ms. Alpa Sheth, which reminds us that structural safety is not always about what fails but often about what endures. Similarly, Mr. Abhay Ghate's piece compels us to introspect on recurring oversights and the urgent need for a proactive disaster prevention framework.

As editors and engineers, we believe knowledge must be shared, reflected upon and translated into action. I urge all members to actively contribute to our platforms—be it through the SED journal, the CROSFALL initiative, or upcoming webinars and publications. Let us amplify our voices, strengthen our practices and continue building safer, smarter and more sustainable structures.

Wishing you all a productive and inspiring monsoon season.

Warm regards,

Dr. Priyanka Singh

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Events Organized:

1. Webinar on "Advancements in Geotechnical Engineering: Innovative Technologies and Solutions for Enhanced Foundation Performance"

An informative webinar on “Advancements in Geotechnical Engineering: Innovative Technologies and Solutions for Enhanced Foundation Performance” was successfully organized on June 12, 2025. The session featured a presentation by Mr. Sorabh Gupta, Director, Cengrs Geotechnica Pvt. Ltd., and was moderated by Mr. Rajiv Ahuja, Independent Consultant (Highways & Bridges). Mr. Sandeep Pattiwar, Chairman, Technical Events Committee was the panelist. The webinar focused on recent innovations in geotechnical engineering, with special emphasis on advanced site investigation tools such as CPTu/SCPTu, CHST, and pressuremeter tests, as well as the implementation of performance-based design approaches. Through practical case studies, Mr. Gupta illustrated how thorough site investigations combined with robust quality assurance and quality control (QA/QC) measures can significantly improve both cost-efficiency and structural safety in foundation design and construction. The session was well-received by attendees, offering valuable insights into cutting-edge geotechnical practices and their real-world applications. The recorded lecture can be seen from the following YouTube link: <https://youtube.com/live/Xvr2Y08QQAc?feature=share>

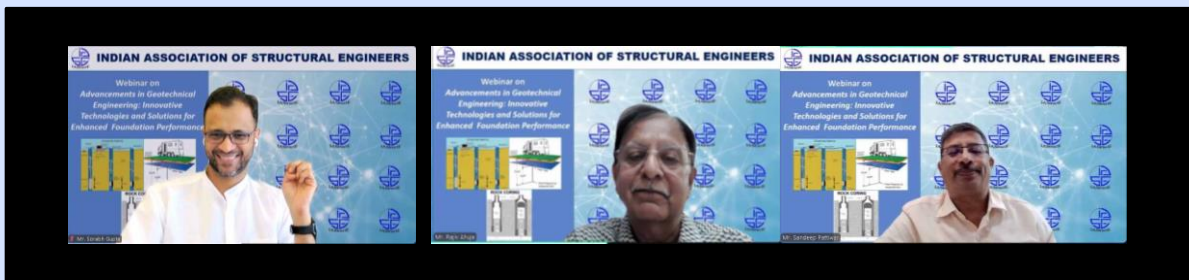


Fig 1: Glimpses of the Webinar

2. Lecture on "Current Development in Structural Health Monitoring of Concrete Infrastructure"

An online lecture on “Current Developments in Structural Health Monitoring of Concrete Infrastructure” was successfully held on June 27, 2025. The session was delivered by Dr. Ashutosh Bagchi, Professor of Structures and Infrastructure Engineering in the Department of Building, Civil and Environmental Engineering at Concordia University, Montreal, Canada. The lecture provided an insightful overview of the current state-of-the-art practices in structural health monitoring (SHM) and their application to concrete infrastructure. Dr. Bagchi discussed the degradation characteristics of concrete structures and highlighted key aspects such as instrumentation, monitoring techniques, data management, and condition assessment. The presentation was well-received, offering valuable knowledge to professionals and academics interested in the maintenance and safety of civil infrastructure through modern SHM technologies. The recorded lecture can be seen from the following YouTube link: <https://youtube.com/live/8qW8WpBIEqc?feature=share>

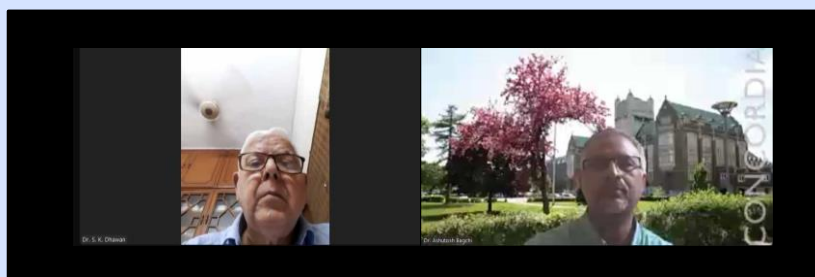


Fig 2: Glimpses of the Lecture



Forthcoming Events / Activities

1. IAStructE National Awards Competition

IAStructE national awards are recognition of excellence and innovation in structural engineering. These awards cover research, projects, design and publications etc in any area of structural engineering. Nominations are being invited in the following five categories:

1. Outstanding Structure Award (Buildings and Structures other than Buildings) (Two Awards)
2. Outstanding Structural Engineer Award (One Award)
3. Outstanding Woman Structural Engineer Award (One Award)
4. Promising Young Structural Engineer Awards (One Award)
5. Best Master's Thesis in Structural Engineering (One Award)

Nomination Deadline: July 31, 2025

Make sure to read the eligibility requirements listed in each nomination form before submitting. Download the nomination forms from the following link and submit your nomination before the deadline: <https://www.iastructe.co.in/iastructe-national-awards.php>

2. StructE NatCon 2025



The poster for StructE NatCon 2025 features a background image of a construction site with a worker in the foreground and a large building under construction. The IAStructE logo is prominently displayed at the top left. The main title 'StructE NATCON 2025' is in large, bold letters. Below it, the theme 'Towards a Safe and Enduring Built Habitat' is written in white on a dark blue background. The dates and location '6-7 February, 2026 Hyderabad, India' are also clearly visible. The bottom section of the poster lists conference sub-themes and important deadlines in a structured format.

StructE NATCON 2025

National Conference
on the theme
**Towards a Safe and
Enduring Built Habitat**

6-7 February, 2026
Hyderabad, India

Conference Sub-Themes

- Innovations in Structural Engineering for Resilient Construction
- Durability and Sustainability in Building Materials and Systems
- Seismic Safety and Disaster Resilience Strategies
- Performance-Based Design and Life-Cycle Assessment
- Rehabilitation, Retrofitting, and Strengthening of Structures
- Policy, Codes, and Best Practices for Safer Built - Habitats
- Climate-Responsive and Environmentally Conscious Built Forms
- Emerging Technologies: Digital Twins, AI, and Smart Structural Monitoring
- Learning from Recent Disasters

Important Deadlines

Submission of Abstract	15 August 2025
Notification of Abstract	30 August 2025
Full paper Submission	31 October 2025
Review & Notification of Final Acceptance	30 November 2025
Early Bird Registration	07 December 2025
Regular Registration	31 December 2025

Organised by

**Indian Association of
Structural Engineers**

www.structenatcon.com secretariat@structenatcon.com +91 11 45794829

Articles

Amidst the gloom of the air crash, a pat on the back of Structural Engineers for BJMC hostel's structural behaviour

By Ms. Alpa Sheth

Managing Director of VMS Consultants Pvt. Ltd and
Partner, Vakil Mehta Sheth Consulting Engineers

From Mr Alok Bhowmick, President-IAStructE

We are pleased to publish here an article based on two unique and unusual posts from Ms Alpa Sheth, in e-forum "Structural Engineers Forum of India", or SEFI. The article is unique because when all the media and people were concentrating on the air-crash and failures, she highlighted the fact that the building in which the aircraft crashed, had only local failure and did not collapse. She observed that the buildings have stood all the criterion of safety requirements. Though there was a huge impact, blast load and huge fire, the building did not collapse. This article is published with the consent of Ms Alpa Sheth

On June 12 2025, an Air India Boeing 787-8 Dreamliner flight making its way from Ahmedabad to London crashed into the hostel building of B. J. Medical College within half a minute of take-off. Fig. 1 below shows few photographs of the building in which the aircraft crashed.



Fig. 3 : Photographs of the Site where the Dreamliner Aircraft crashed

The world was shocked and grieved by this catastrophic disaster, another stark reminder of the fragility of our lives. But amidst the doom and gloom, there was, for structural and civil engineers, something to be pleased about - the absolutely stellar performance of the Hostel buildings on which

the aircraft fell. The building suffered a HUGE impact load, a Blast load too, because the airplane crashed on the buildings and through the hostel buildings, carrying 1.25 lakh litres of fuel which led to a huge inferno with temperatures reaching over 1000 deg C.

Despite all this, the buildings did not lose their integrity. No major structural vertical element (from what has been accessed over the net) collapsed and caused progressive failure of the building. The buildings did not collapse. Imagine the additional damage and deaths that could have been caused, if they had. Sure, the walls where the plane punched through, gave way. Some bits of slab gave way. This was the least that should have happened. But these were all localised failures. The buildings withstood it all, the impact, the fire without losing its load carrying capacity.

Compare this with other structures that have suffered blast impact. We're watching multiple war play out in real time in June 2025 and towers are falling like ten pins in the countries at war. Also recollect another incident when two airplanes flew into two large towers in the most developed country in the world and caused a progressive failure. The second tower came down in just 52 minutes. Not a valid comparison, at all, but they were similar incidents.

At the present moment, not much is known of the original designers and constructors of the buildings. Both the agencies deserve to take a bow. Rarely are people celebrated for what performed well and what did not go wrong. I think it is time we acknowledged the unseen heroes.

My SALUTE to them, whoever and wherever they are!

As a postscript, I would like to say that one CANNOT (and may I add SHOULD not) consciously design for such eventualities. I would imagine that the medical hostel buildings were also not designed for this air-crash event. BUT, what the buildings' behaviour tells us is that a building that has been designed for all the prescribed loads, that has inherent robustness, stiffness and integrity, and has been detailed well has redundancies we are not even aware of!!

This also brings to recall the behaviour of thousands and thousands of buildings in Ahmedabad built in the 1970s and earlier which were not designed for the shaking of Jan 26 2001 earthquake. And yet they behaved superbly, with just some minor non-structural separation cracks at masonry wall-beam junctions. I happen to have one such apartment in Ahmedabad, so I speak from first-hand experience. Interestingly, my father was the designer of that 7-storey tower and he candidly told me that there was no concept of "ductile design" at that time. The earthquake codes were nascent (First earthquake code was in 1962 I think). But simple rectangular configurations, no stilts, no floating columns, no gymnastics and the buildings could take the 0.11g to 0.13 g ground shaking in their stride.

Buildings subject to impact and lateral loads have time and again reinforced the following:

- a) Concrete seems to behave much better under impact, heat and fire than steel. I'm not really sure about all the fireproof paint, vermiculite etc we provide on steel and imagine that it is just as good as solid concrete.
- b) A building with inherent stiffness, continuous load path, robustness, ductility and integrity generally behaves better under ALL types of loads, incl. impact and blast loads which it may actually not have been designed for. So, there is no shortcut to these basic principles.



- c) All buildings not specifically designed for certain types of lateral loads do not automatically become unsafe for use as long as the lateral loads it may be subject to are not severe and the building has all the desirable attributes as mentioned above.
- d) On the other hand, following the letter but not the spirit of the Codes can lead to undesirable behaviour. Buildings which tick the box for Seismic and Fire code conformance may still not perform adequately, if the basic structure lacks robustness, stiffness and other essential features.
- e) And of course, we can never ever forget the element of luck. While not a scientific statement, it is a truism nonetheless. As earthquake engineers say this again and again, just because your building withstood an earthquake does not ensure it will withstand the next one!!

Preventable Structural Failures in Structural Engineering

By Mr. Abhay Ghate

Chairman Emeritus, Optimal Consultancy Services Pvt. Ltd.

We learn from history that we do not learn from history." This thought-provoking quote from philosopher Hegel resonates deeply as we reflect on the recent structural failure of the pedestrian bridge over the Indrayani River near Pune. This incident stands as a stark reminder that we often fail to heed the lessons of the past.

The bridge, which had been declared unsafe, was still frequented by holiday crowds despite a warning board urging people to stay away. Tragically, this negligence led to a catastrophic collapse, raising a pressing question: why had the bridge not been dismantled if it was known to be at risk? Furthermore, what exactly was the issue with the steel structure? Was retrofitting not considered as a viable option?

This isn't an isolated incident. Just look back to October 30, 2022, when the Morbi bridge collapse claimed 141 lives and injured 180 others due to issues of corrosion and excessive loads. Or recall the 2019 collapse of the footbridge at CST Railway Station in Mumbai, where the municipal corporation rushed to dismantle the structure even before a forensic investigation was completed.

In all these cases, the bridges were steel structures, and overcrowding was a common culprit—but can we accept that as the only explanation? It's baffling to consider that a bridge designed for a live load of 500 kg per square meter could fail due to overcrowding unless it had significant corrosion or deterioration or an inherent design deficit. Regular inspections and monitoring could have identified the need for retrofitting, potentially saving lives and preserving our infrastructure.

What's evident is our alarming lack of respect for safety, echoing the sentiment that we do not adequately learn from history. While we have a National Disaster Response Force (NDRF) and a National Disaster Management Authority (NDMA), what we truly need is a dedicated Disaster Prevention Agency. Without this critical initiative, we risk repeating our history of tragic structural failures. It's time to take action, learn from the past, and safeguard our future.



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/UCv70jXO9Dxq1WtP_yHZTKw

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>

This assessment process will be held bi-annually, being initiated in January & July respectively.

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.

January – March 2025 issue: Theme: Tall Buildings & Structures
Guest Editor: Mr. Abhijeet Kulkarni

April – June 2025 issue: Theme: **Role of Digital Technology in Structural Engineering**

Interested professionals may send their full paper on any of the above issues along with their photograph and brief resume latest by April 15, 2025 or 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 send 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

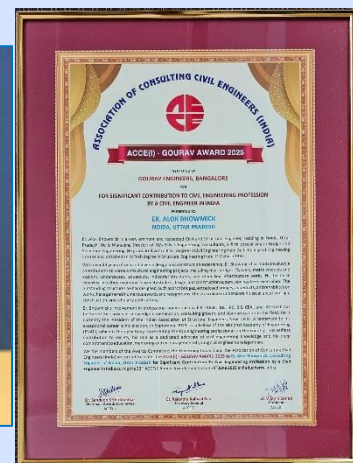
IAStructE Monthly Newsletter (being published in PDF format)

	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

Members Achievement

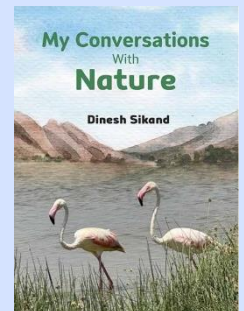
1. Mr. Alok Bhowmick, President of IAStructE and Managing Director of B&S Engineering Consultants Pvt. Ltd., was conferred the ACCE(I) – GOURAV Award 2025 by the Association of Consulting Civil Engineers (India) for his significant contributions to the civil engineering profession. The award was presented during the 33rd ACCE(I) Annual Awards function held in Puducherry on June 28, 2025.

On behalf of the Governing Council and members of IAStructE, we extend our heartfelt congratulations to him on this prestigious honour and look forward to his continued success and invaluable contributions to the field.



Members Publications

1. Mr. Dinesh Sikand, Fellow IAStructE has recently published his first E-book “My Conversation with Nature”. The book reflects on the deep bond between humans and nature, highlighting the joy and peace found in trees, plants, and birds. It emphasizes the natural urge to reconnect with the environment and the many benefits of doing so. It is now available on Amazon.com.



We congratulate Mr. Sikand on this thoughtful publication and encourage readers to explore his work.

2. Dr. K. K. Ganguly, Fellow and Governing Council member, IAStructE has published a book “Designing with Alternative Building Materials and Review of Building Materials”. The book covers topics such as earth engineering, masonry and rammed earth construction, ferro-cement, and fibre-reinforced concrete, along with insights on project management, CAD, quality control, and safety. It also features case studies and construction photographs, making it a valuable resource for engineers, educators, and practitioners in the construction industry. Access the book here:



<https://www.taylorfrancis.com/books/mono/10.1201/9781003319108/designing-alternative-building-materials-review-building-materials-kalyan-kumar-ganguly>

We congratulate Dr. K.K. Ganguly on this valuable contribution to the field of structural and construction engineering

Subscribing membership of fib through IAStructE:

Fib has started inviting the membership subscription for 2025. 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 2025 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, 2025.



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.

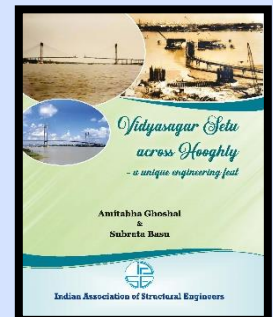
Members of IAStructE will enjoy the following benefits:

- 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.

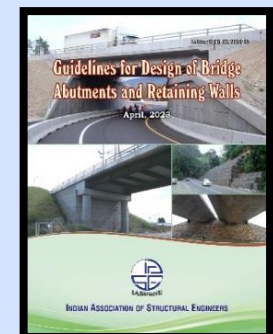
More information about the *fib* publications, bulletins, events, courses, and their proceedings can be obtained from <https://www.fib-international.org>

IAStructE Publications:

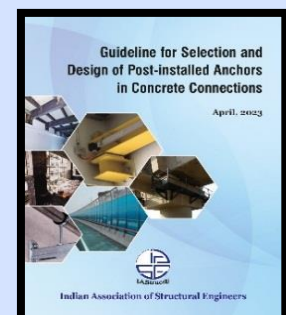
1. Book on Vidyasagar Setu across Hooghly – A unique engineering feat: The book is about the story of an iconic bridge structure - the Vidyasagar Setu, initially known as the Second Hooghly Bridge (or crossing). The authors Mr. Amitabha Ghoshal and Mr. Subrata Basu have created an engaging narrative 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.



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. 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.

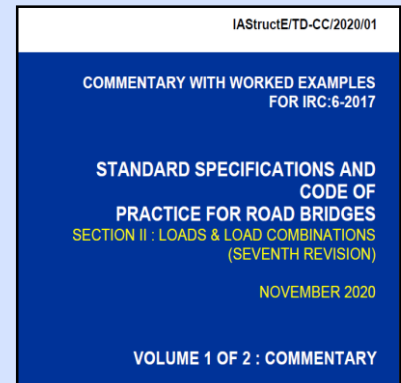
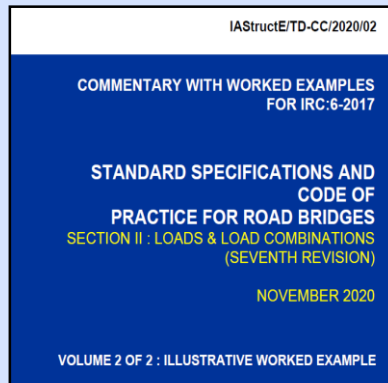


5. Guideline for Selection and Design of Post-installed Anchors in Concrete Connections: This document covers post-installed anchors, including their types, behavior, working principles, failure modes, and design steps for both non-seismic and seismic conditions. It also includes illustrative design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

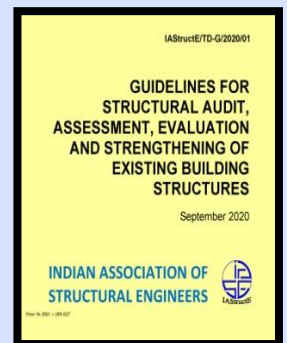


3. Commentary with Worked Examples for IRC: 6-2017: It is a document having commentary with worked example on IRC: 6-2017 (The code for Loads & Load Combinations for design of Highway Bridges). This commentary is in two separate volumes. Volume-1 pertains to the Commentary while Volume-2 pertains to Illustrative Worked Examples. 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 may register via the link below or contact the IAStructE Secretariat at iastructe@gmail.com to purchase the commentary. 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>



6. Commentary on IS: 13920 : The commentary is available on 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 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. Interested members may come to take the opportunity to read the publications.



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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