



MESSAGE FROM THE PRESIDENT



Dear Friends

As we are passing through the days of Navratri and approaching Durga Puja, I wish you all happiness, and positivity. Let this Navratri bring light into your home and peace into your heart. May Maa Durga remove all obstacles from your life.

During last one month, we have made some very important and significant moves for our association. While we organised some highly educative and enlightening webinars in this period, we completed our ongoing training program on conceptual design, we have also finalised our plans to relocate IAStructE HQ office. We are currently located at Kalkaji (in the basement) and we plan to move to a ground floor office space in DLF prime at Okhla Phase-1. While the process of shifting to the new space will take two to three months, I am sure the new office space at prime commercial space with better ambience and better facilities will help us to serve the members better. We will have the space in the new premise to organise off-line trainings, increase our staff strength, enhance our productivity, improve staff well-being, and in the process, we will also promote a more sustainable workplace.

Month of September also witnessed fury of nature in Uttarakhand once again, when heavy rains, caused by a cloudburst, lashed the north Indian city of Dehradun on September 16, leading to flash floods and landslides. The deadly spell created havoc. Apart from loss of precious lives, it inundated roads, washed away bridges, and damaged properties. The weather experts attributed this to an interaction between westerlies and easterlies and climate change. Such disasters time and again reminds civil engineers and in particular structural engineers to design and build resilient infrastructure in future and also work towards adaptation and mitigation strategies to combat climate crisis.

As we navigate the dynamic landscape of structural engineering, we are witnessing both the ground-breaking advancements and the enduring challenges that define our profession. In an era increasingly focused on sustainability and resilience, the integration of new and innovative materials, new technologies present a compelling pathway to more efficient and environmentally conscious construction. However, innovation must be balanced with a deep understanding of existing infrastructure. We need our professional community to take part in IAStructE chartered structural engineer programs. We would like to see IAStructE to be growing in our membership base demonstrating a collective commitment to excellence. We will soon announce our exciting lineup of upcoming technical events, designed to provide our members with practical insights and foster continued professional development.

Happy Reading !

Alok Bhowmick

FROM THE EDITOR'S DESK



Respected Esteemed Members,

Warm greetings and heartfelt wishes on the auspicious occasion of Navratri and Durga Puja. May Maa Durga bless our fraternity with wisdom, strength and steadfast resolve to build a safer, more resilient built environment for the nation.

This September has been rich in learning and collaboration. We concluded the Online Refresher Course on Conceptual Structural Systems Planning and Design of Buildings (16 Aug–13 Sep), hosted insightful webinars on Underground Cut & Cover Box Stations (Chennai Metro) (11 Sep) and Aerodynamic & Wind Tunnel Testing of Cable-Stayed Bridges (25 Sep), and partnered in Stainless Infraverse - A Conclave for India's Next-Gen Building Structures (26 Sep). Our student chapter at IIT Hyderabad also organized an educational visit to IIT Hyderabad's Structural Engineering Research Laboratories on 10 Sep, offering hands-on exposure to cutting-edge facilities and experiments. Together, these initiatives reflect our collective commitment to continuous professional development and knowledge-sharing.

Looking ahead, do save the date for the webinar on "Diverse Wind Engineering Requirements—Tall Building vs Long-Span Bridge" on 16 October 2025 (4:00 PM IST). I also encourage contributions to our theme-based SED issues (Tall Buildings & Structures; Digital Technology in Structural Engineering; Codes—Developments & Needs for Change) and to CROSFALL, our platform for sharing lessons from structural failures and near-misses so that experience translates into safer practice for all.

New Section Launch: QUIZ – Test Your Structural Concepts! Starting this issue, we're introducing a crisp, concept-focused quiz to spark curiosity and deepen fundamentals, especially for our young engineers. Each issue features three conceptual questions across varied domains. Email your answers to iastructe@gmail.com within three days of the newsletter's release; the first ten all-correct entries will be acknowledged in the next issue. Rally your colleagues and student chapters let's turn concepts into a friendly habit of excellence!

As always, please explore opportunities like the ASE-IAStructE accreditation, fib subscribing membership via IAStructE, our publications and the IAStructE Library each designed to empower your practice and learning journey.

Wishing you and your families a joyous Durga Puja filled with peace, prosperity and renewed energy. Shubh Durga Puja!

Warm regards,



Dr. Priyanka Singh



CONTENTS

Events Organized	4-6
Eastern Region Activities	7
Student Chapters Activities	8
Forthcoming Events	9
Members Achievement	9
Social Media Accounts	9
QUIZ – Test Your Structural Concepts	10
ASE-IAStructE program	10
Call for Papers for the SED journal	11
Call for papers for CROSFALL	11
Advertisement Tariff	12
Subscribing membership of fib	12
IAStructE Publications	13-14
IAStructE Library	14
About IAStructE	15
Membership Benefits	15
How to become a member?	15

Events Organized:

1. Online Refresher Course on Conceptual Structural Systems Planning and Design of Buildings

IAStructE successfully conducted an online Refresher Course on “Conceptual Structural Systems Planning and Design of Buildings” from August 16, 2025, to September 13, 2025, in webinar mode via Zoom. Sessions were held every Saturday from 3:30 PM to 6:00 PM (IST), with 135 participants attending the course. The course was coordinated by Prof. Shilpa Pal, Honorary Secretary, IAStructE, with Prof. Vasant Matsagar serving as Co-Coordinator. The inaugural session began with opening remarks by the Course Coordinators, followed by a welcome address by Mr. Alok Bhowmick, President, IAStructE, and an introduction to the course by Mr. Sandeep Pattiwar, Chairman, Professional Development & Technical Events Committee, IAStructE. Designed to strengthen the fundamental understanding of conceptual structural system planning among practicing and aspiring structural engineers, the course received wide appreciation and enthusiastic participation. The course was proudly sponsored by Dextra India Pvt. Ltd. and MIDAS Research & Development Centre India Pvt. Ltd. Presentations were delivered by the following eminent speakers:

- *Overview and Conceptual Planning* – Mr. Manoj Mittal, Civil & Structural Engineering Consultant & Past President, IAStructE
- *Criteria for Selection of Structural Systems* – Mr. Abhijeet Kulkarni, Director–Structures, Buro Happold
- *Complying Code Provisions* – Mr. Arunkumar S., Head, CED, Bureau of Indian Standards (BIS)
- *Structural Systems and Planning for Low to Mid-Rise Structures* – Dr. S. P. Anchuri, Vice President (South), IAStructE and Chief Consultant, Anchuri & Anchuri Associates
- *Importance of Concept Design in Achieving Optimized and Efficient Structural Systems for Tall Buildings* – Mr. Majid Hashmi, Managing Director, KMH Engineering
- *Case Studies Highlighting the Importance of Material Selection at Conceptual Planning and Design Stage* – Dr. Abhay Gupta, Director, Skeleton Consultants Pvt. Ltd.
- *Soil Conditions & Foundations with Case Studies* – Mr. Ravi Sundaram, Director, Cengrs Geotechnica Pvt. Ltd.
- *FEM solution for Tall Building - In compliance with Indian Standard* - Mr. Anmol Saxena, Sr. Technical Support Engineer, MIDAS Research & Development Centre India Pvt. Ltd.
- *Sustainability of Structures* - Ms. Aditi Kulkarni, Associate Director – Sustainability, Buro Happold Engineers (I) Pvt. Ltd.
- *Design Considerations with Case Study* - Prof. Vasant Matsagar, Professor, Dogra Chair, and Head, Civil Engineering Department, IIT Delhi
- *Role of Constructability & Construction Methodology in Conceptual Structural Planning of Buildings* - Mr. Manoj Mittal, Civil & Structural Engineering Consultant
- *Quick Feasibility check using manual calculations* - Mr. Abhijeet Kulkarni, Director – Structures, BURO HAPPOLD
- *Professionalism & Ethical Dimensions in Structural Engineering* - Mr. Manoj Mittal, Civil & Structural Engineering Consultant

The concluding session was held on September 13, 2025, during which an assessment test was conducted. Certificates were awarded to participants who scored 75% or above in the test. The course received an overwhelming response and provided participants with valuable knowledge, case studies, and practical insights that can be directly applied in real-world structural engineering practice.

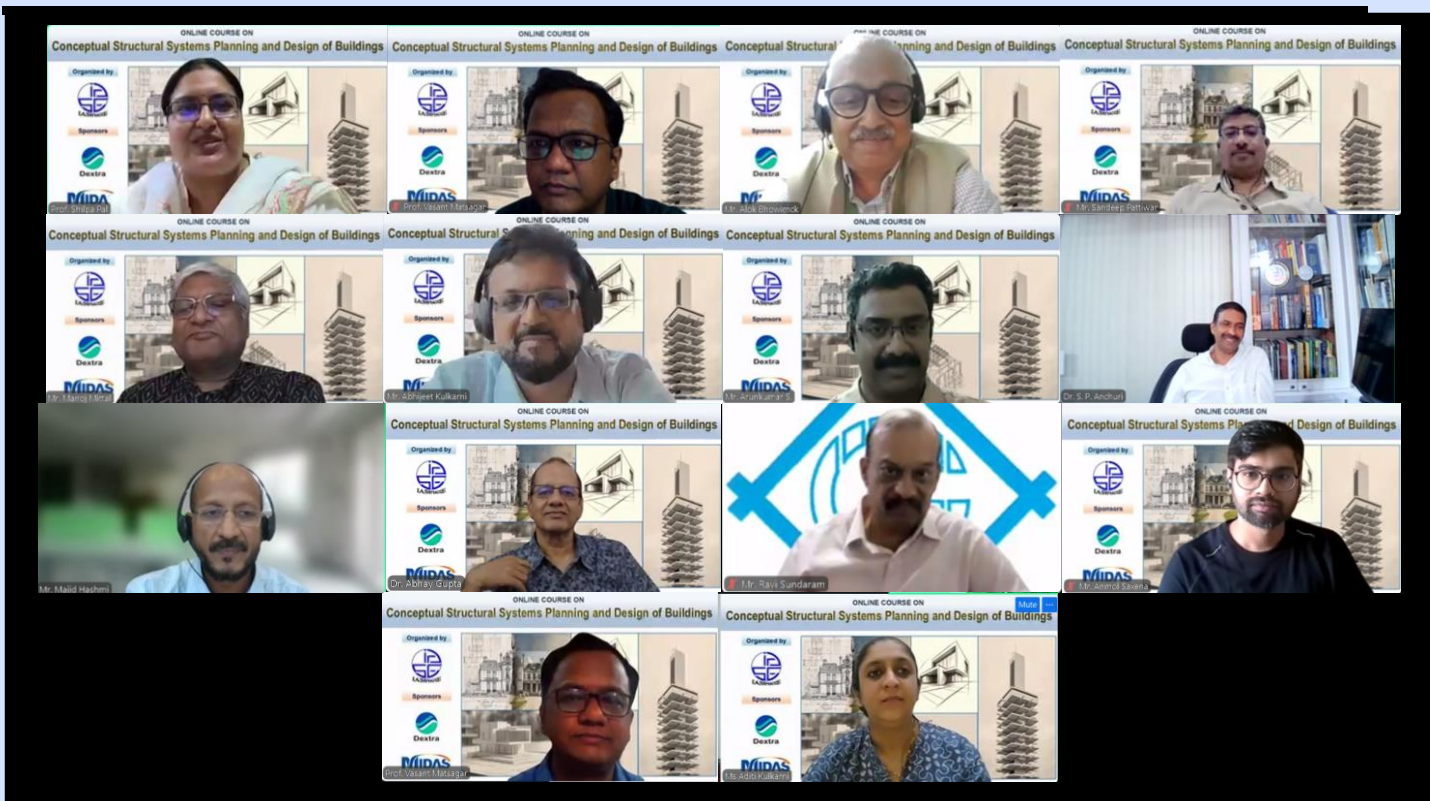


Fig 1: Glimpses of the Lecture

2. Webinar on Challenges in Design & Construction of Underground Cut & Cover Box Stations of Chennai metro Phase-2 Corridor 3

A webinar on “Challenges in Design & Construction of Underground Cut & Cover Box Stations of Chennai Metro Phase-2 Corridor 3” was organized on September 11, 2025. The session was delivered by **Mr. Chiranjib Sarkar**, Principal Engineer, GEOCONSULT India Pvt. Ltd., and was ably moderated by **Prof. Mahesh Tandon**, Past President, IAStructE & Chairman, Tandon Consultants Pvt. Ltd. **Mr. Sandeep Pattiwar**, Chairman, Professional Development & Technical Events Committee, joined as the Panelist. Mr. Sarkar presented a detailed case study from Chennai Metro Phase-II, focusing on the design aspects and challenges encountered in the construction of underground metro stations in mixed ground conditions. The recorded lecture can be seen from the following YouTube link: <https://youtube.com/live/wrw1liSHZCk?feature=share>

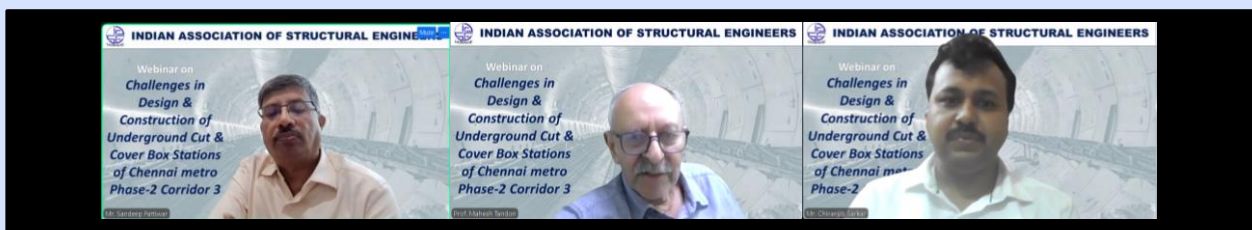


Fig 2: Glimpses of the Lecture

3. Webinar on Aerodynamic Considerations & Wind Tunnel Testing of Cable Stayed Bridges

A webinar on “Aerodynamic Considerations & Wind Tunnel Testing of Cable-Stayed Bridges” was successfully held on September 25, 2025. The session was delivered by Prof. Prem Krishna, Former Professor, IIT Roorkee, and Dr. K. Suresh Kumar, Vice President – Global Consulting, RWDI. It was ably moderated by Mr. V. N. Heggade, Vice President (West), IAStructE, and initiated by Dr. S. K.

Dhawan. Mr. Alok Bhowmick, President IAStructE, also joined the webinar as a Panelist. During the session, Prof. Prem Krishna discussed wind load considerations in the design of cable-supported bridges, while Dr. K. Suresh Kumar presented sectional model studies of long-span bridges, supported by relevant case studies. The recorded lecture can be seen from the following YouTube link: <https://youtube.com/live/ccU8y24j1I0?feature=share>

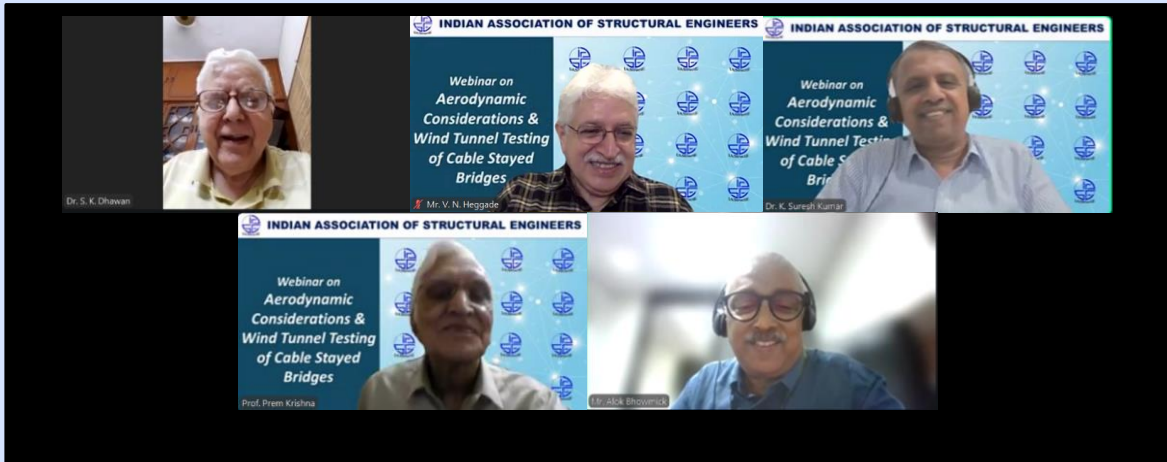


Fig 3: Glimpses of the Lecture

4. *Stainless Infraverse – A Conclave for India’s Next-Gen Building Structures organized by Jindal Stainless Ltd. in collaboration with IAStructE Western Region*

Stainless Infraverse – A Conclave for India’s Next-Gen Building Structures was successfully organized by Jindal Stainless Ltd., in collaboration with IAStructE, on 26th September 2025 at *Holiday Inn, Mumbai International Airport, Andheri (E)*. The highlight of the event was a panel discussion on “*Durability and Longevity of Building Structures – Addressing Premature Deterioration of Reinforced Concrete.*” The conclave focused on promoting the use of steel reinforcement in concrete structures with a strong emphasis on sustainability. Mr. V. N. Heggade, Vice President (West) IAStructE, had the privilege of moderating the discussion. The distinguished panelists included: Mr. Umesh Rajeshirke, MD – Spectrum Techno Consultants Pvt Ltd, Mr. Atul Bhohe, MD – TPF Engineering Pvt Ltd, Mr. Abhijeet Kulkarni, Director Structures – Buro Happold, Mr. Anirudh Kaushal, Chief Project Manager, RLDA, Mr. Mukesh Pritamdasani, MD – Whitby Wood Pritamdasani Consulting Civil Engineers Pvt Ltd and Dr. Abhay Bambole, Chairman, Indian Concrete Institute, Mumbai Centre.



Fig 4: Glimpses of the Event

The dialogue underscored that as India progresses towards its Viksit Bharat 2047 vision (aspiring for a \$30–35 trillion economy by 2047), structural durability will be of paramount importance. The panelists, representing diverse sectors, unanimously emphasized that stainless steel reinforcement can significantly enhance durability and resist corrosion—especially in challenging environments where premature deterioration of reinforced concrete remains a pressing concern.

IAStructE Eastern Region Activity

Seminar “Long Span Crossings & their sustainability”

IAStructE & along with CEAI organized a day long seminar at the Hotel Hindustan International on the subject “Long Span Crossings & their sustainability” on 06th September, 2025. During the event the book published by IAStructE on “Vidyasgar Setu across river Hooghly – a unique engineering feat” was launched for Kolkata people, specially for young engineers by Smt. Antara Acharya, IAS, Secretary, PWD, West Bengal.

The programme was chaired by Secretary, PWD, President, IAStructE, President Eastern Region CEAI, Vice President, Eastern Region, IAStructE.

The Key note address was delivered by Mr Shashank Rajbhoj, General Manager (Design) of Afcons on Construction aspects of Chenab Bridge.

There are 230 delegates & invitees in total present in the seminar. Total eight papers were presented by various authors on long span bridges which includes long span bridge at North East by Dr Sumantra Sengupta, Structural assessment of long span old Mokama bridge by Mr Alok Bhowmick, Use of UHPC in long Span bridges by Dr Satish Jain, Construction of Long span steel bridge by Dr N Bandyopadhyay and also presentation on planning and development including rehabilitation of Vidyasagar setu the engineering marvel.

The session was closed with all together sung the National Anthem. The whole event was of great success.



Fig 5: Glimpses of the event

IAStructE Student Chapter Activities

IAStructE – IIT Hyderabad Student Chapter Event:

1. Educational visit to the Structural Engineering Research Laboratories, Department of Civil Engineering, IIT Hyderabad

The IAStructE–IIT Hyderabad Student Chapter organized an educational visit to the Structural Engineering Research Laboratories, Department of Civil Engineering, IIT Hyderabad, on 10th September 2025. The initiative was taken by the Earthquake Engineering Research Centre (EERC), IIT Hyderabad, with the institute sponsoring the visit. The visit was attended by M.Tech students, Ph.D. scholars, and faculty/staff, providing participants with valuable exposure to advanced research and state-of-the-art testing facilities. The visit commenced at the Advanced Structures Lab, where participants observed large-scale experimental setups, including strong floors and servo-hydraulic systems. Demonstrations featured the Split-Hopkinson Pressure Bar and tests under controlled temperature conditions. IIT Hyderabad research scholars presented four-point bending tests using Digital Image Correlation (DIC), including a live demonstration on a cold-formed steel truss. Key equipment observed included the MTS Servo-Hydraulic System, Universal Testing Machines (UTMs), Microtest Fatigue Machine, and large-capacity machines for testing structural components such as bridge bearings. The group then proceeded to the Heavy Structures Laboratory, where additional UTMs and testing systems were showcased. Ongoing experiments included the testing of CFRP-reinforced columns, ultra-high-performance concrete specimens, and bridge bearing assemblies. Subsequently, participants visited the 3D Concrete Printing Facility, observing the fabrication of printed concrete specimens and engaging in discussions on material anisotropy and machine operations. The Materials Characterization Laboratory was the next stop, where research scholars introduced analytical tools such as X-ray Diffraction (XRD), X-ray Fluorescence (XRF), and calorimeters for cement hydration analysis. Additional equipment demonstrated included SEM, TGA, rheometers, and porosimeters, along with sensors for monitoring hydration products. The group then explored the Transportation and Geotechnical Laboratory, where scholars explained the Large-Scale Pavement Model Setup for studying rutting and fatigue under simulated wheel loading. Experiments on geogrid reinforcement aimed at enhancing pavement performance were also highlighted. The visit concluded with an informative lecture by Mr. Atul D. Bhoje on “Bridges in Steel - Past Experience & Current Trends”, which included case studies of major infrastructure projects. Finally, participants observed India’s first 3D-printed bridge prototype, exemplifying innovation in sustainable construction. Overall, the visit provided participants with firsthand experience of cutting-edge research, live experiments, and advanced facilities, inspiring students to further explore the field and appreciate the dedication and innovation demonstrated by the institute’s faculty and scholars.



Fig. 6 Glimpses of the Event

Forthcoming Events

1. Webinar on Diverse Wind Engineering Requirements – Tall Building vs Long-Span Bridge

IAStructE is organizing a webinar on “Diverse Wind Engineering Requirements – Tall Building vs Long-Span Bridge” on October 16 2025, at 4:00 PM (IST). The session will be delivered by Dr. K. Suresh Kumar, Principal/Vice President – Global Consulting, RWDI. He will discuss the topic in detail along with the case studies. The session will be moderated by **Prof. Prem Krishna**, Former Professor, IIT Roorkee.

Registration link: https://us02web.zoom.us/webinar/register/WN_Ji3G3pzGSWmTvMd3rNVzhw

Members Achievement

1. **Mr. Manoj Mittal**, Past President of IAStructE and Civil & Structural Engineering Consultant, has been honored with the Lifetime Outstanding Concrete Technologist Award 2025 by the Indian Concrete Institute, Western UP Centre, Ghaziabad & Ultratech. This prestigious recognition was conferred upon him on September 13, 2025, during the Concrete Day Celebrations at Ghaziabad, UP, in acknowledgment of his exceptional contributions to structural engineering, advancements in concrete technology, and unwavering commitment to promoting ethical practices in civil engineering.



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

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 within the first three days of the newsletter's release will be published in the subsequent issue.

- 1. Axially loaded concrete column can have additional effects in design (*Identify the correct statements*)**
 - (a) When column is slender in terms of height V/s lateral dimension.
 - (b) When loads are applied for a long time.
 - (c) Computer analysis will always identify such effects, so no need to worry.
 - (d) If both ends are fixed in position there are no additional effects.
- 2. Reinforcing bars are characterized by the following (*Identify the correct statements*)**
 - (a) Higher the yield strength, lower the carbon percentage.
 - (b) Higher the yield strength, higher the elongation percentage at the ultimate tensile load.
 - (c) Higher yield strength bars are preferable in seismic areas as they have higher ductility.
 - (d) Ultimate tensile strength of the bar should always be equal to its yield strength.
- 3. A steel plate girder can undergo buckling as follows: (*Identify the correct statements*)**
 - (a) Local buckling of the compression flange
 - (b) Lateral buckling of the compression flange
 - (c) Shear buckling of the web
 - (d) Flexural buckling of the web

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>

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

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

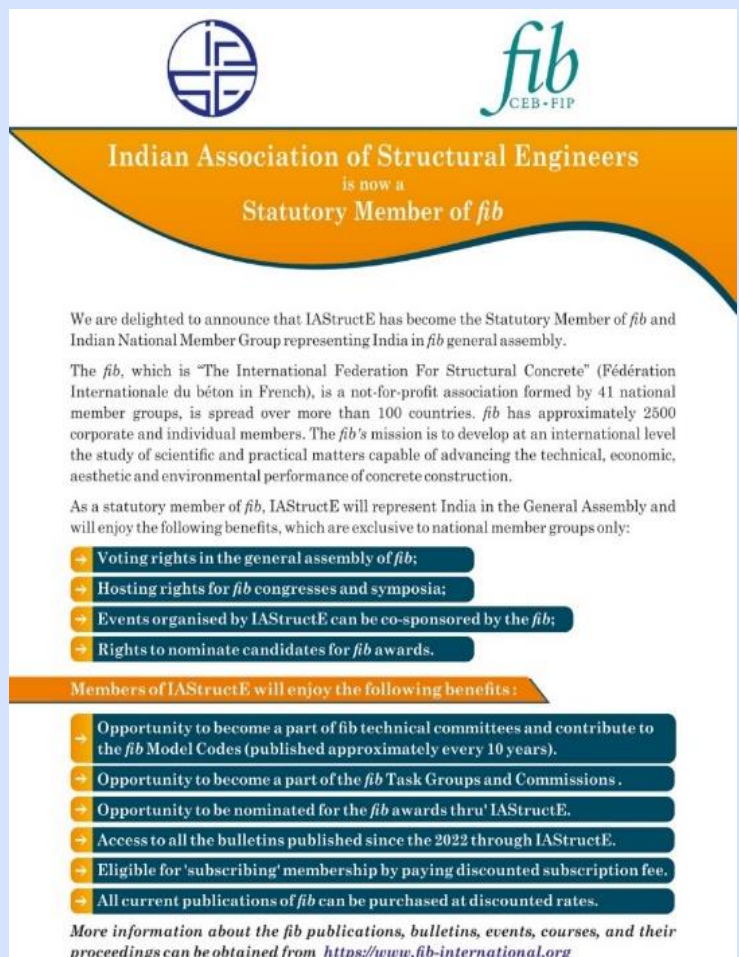
IAStructE Monthly Newsletter (being published in PDF format)

	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

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:

- Interested members can remit the membership amount of Rs 24,000 (i.e. CHF 250) + 18% GST to IAStructE.
- 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.
- 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:

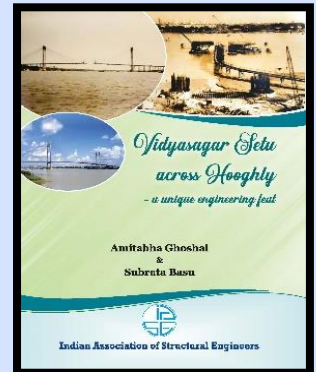
- Opportunity to become a part of fib technical committees and contribute to the fib Model Codes (published approximately every 10 years).
- Opportunity to become a part of the fib Task Groups and Commissions .
- Opportunity to be nominated for the fib awards thru' IAStructE.
- Access to all the bulletins 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>

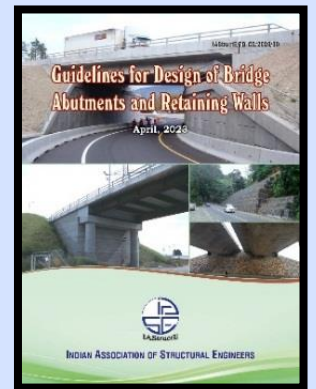
IAStructE Publications:

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. 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.

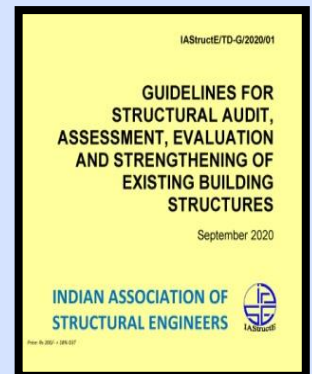
3. Commentary with Worked Examples for IRC: 6-2017: It is a document having commentary with worked example on IRC: 6-2017 (The code for Loads & Load Combinations for design of Highway Bridges). This commentary is in two separate volumes. Volume-1 pertains to the Commentary while Volume-2 pertains to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

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

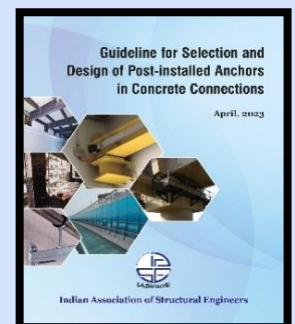
Registration link: <http://iastructe.co.in/new-iastructe-publication.php>

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>



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. 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. 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.

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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
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- ★ 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