



MESSAGE FROM THE PRESIDENT



Greetings to all.

I hope each one of you celebrated the festive month of March, which featured a vibrant mix of spring and new year, starting with the festival of color, Holi (March 4), regional New Year celebrations like Gudi Padwa and Ugadi (March 19), Eid-ul-Fitr (March, 20), Ram Navami (March, 26), and Mahavir Jayanti (March 31). May this festive season bring abundant joy, prosperity, good health, and new beginnings into your life.

These festivals and celebrations however had taken place in India amidst a tense geopolitical backdrop caused by ongoing conflict involving USA, Israel, Iran and the wider West Asian region and against a backdrop of global volatility. The war has raised concerns of a global economic crisis – and even of a recession. I hope our members, their families and friends are staying safe in this difficult time, wherever they are.

The climate cost of war is immense. War forces global climate concerns to take a back seat by prioritizing immediate energy security, diverting massive financial resources toward defence, and creating immense, often underreported, carbon emissions. The urgency of conflict acts as an accelerator for fossil fuel use while delaying long-term decarbonization commitments. Armed conflicts emit huge carbon, driven by fuel usage during war, during peacetime while building up military infrastructure, and during post war stage for rebuilding. In fact climate crisis is a "threat multiplier" that increases the risk of conflict, creating a vicious cycle.

Going by the famous quote of Sir Albert Einstein, "In the midst of every crisis, lies great opportunity". The war provides learning opportunities for civil and structural engineers to consider improvements to existing standard and infrastructure. Civil engineers play a crucial and multifaceted role in pre-war time, wartime as well as post-war time, serving both combat operations and the broader protection of society, acting as "unsung heroes". Their work during wartime situation focuses on designing and constructing reinforced concrete bunkers, blast walls, trenches, and underground facilities to protect personnel and equipment from enemy fire, building and repairing temporary prefabricated modular bridges (such as Bailey bridges), roads, and airstrips to facilitate troop movement and supply lines, Strategically placing obstacles, such as tank traps, sea mines, and barbed wire, or demolishing bridges and roads to hinder enemy advance. Their work during post-wartime situation focuses on conducting immediate inspections of damaged buildings and critical infrastructure (bridges, hospitals) to determine safety, enabling rapid repairs or emergency evacuation and many other associated tasks. The primary objective of civil and structural engineers in these scenarios is to provide safety, restore infrastructure, and facilitate a swift recovery from chaotic environments.

I take this opportunity to once again send greetings to all readers of our newsletter and sincerely hope that peace will be restored sooner than later.

Happy Reading

Alok Bhowmick

FROM THE EDITOR'S DESK

Respected Esteemed Members and Readers,

I am delighted to present the March 2026 edition of the IAStructE Newsletter. This month has been a perfect blend of knowledge dissemination, professional engagement and vibrant student led initiatives, reflecting the growing dynamism within our Association.

At the Association level, the successful completion of the Online Refresher Course on “Planning, Design and Construction of Elevated Metro Structures” stands out as a significant achievement. Conducted over multiple sessions with participation from eminent experts and over 150 delegates, the program provided comprehensive insights into the design, analysis and construction aspects of modern metro infrastructure. In addition, the technical lecture on “Planning and Design of Underground Metro Stations using NATM” further enriched our understanding of underground construction methodologies, highlighting the importance of innovation and risk-informed design in urban infrastructure.

What is particularly encouraging this month is the remarkable enthusiasm and creativity demonstrated by our IAStructE Student Chapters. The DTU Student Chapter’s innovative event, “Surveyor’s Chase – The Ultimate Civil Engineering Treasure Hunt”, exemplified experiential learning by blending technical knowledge with practical problem solving in an engaging format. Such initiatives play a crucial role in nurturing teamwork, critical thinking and on-field engineering skills among students.

Similarly, the IIIT Hyderabad Student Chapter organized a highly informative lecture on advanced NDT methods for assessing concrete structures, emphasizing the role of non-destructive evaluation in ensuring structural safety, durability, and performance. The session provided valuable exposure to real-world applications and emerging technologies in structural health monitoring.

Further strengthening this academic momentum, the newly established BITS Pilani Hyderabad Campus Student Chapter has demonstrated exceptional initiative by organizing multiple expert webinars. Sessions on Concrete-Filled Steel Tubular (CFST) columns and Construction 4.0 – Smart & Sustainable highlighted cutting-edge developments in composite structures and digital transformation in construction, attracting wide participation and fostering a culture of continuous learning.

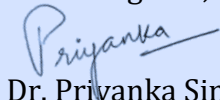
These activities collectively reaffirm that our student community is not only actively participating but also leading the way in embracing innovation, research, and professional excellence. The energy and commitment displayed by our young engineers are truly inspiring and reflect the bright future of structural engineering in India.

I extend my sincere appreciation to all speakers, organizers, faculty mentors and participants who contributed to the success of these initiatives. I encourage more institutions and students to actively engage with IAStructE and contribute to this growing ecosystem of knowledge and collaboration.

Let us continue to strengthen this vibrant professional community driven by learning, innovation, and youth leadership.

Happy Reading!

Warm regards,



Dr. Priyanka Singh



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Events Organized:

1. Online Refresher Course on Planning, Design & Construction of Elevated Metro Structures

The Online Refresher Course on “Planning, Design and Construction of Elevated Metro Structures” was launched on February 21, 2026, and successfully concluded on March 28, 2026. The course was conducted in webinar mode through Zoom, with sessions held every Saturday from 3:00 PM to 6:00 PM (IST). The course was coordinated and moderated by Partha Pratim Banerjee, GC Member, IAStructE.

The programme received wide appreciation and enthusiastic participation, with around 150 delegates attending the sessions. IAStructE gratefully acknowledges the generous sponsorship extended by Ceigall India Ltd., J.K. Prestressing Co., J. Kumar Infracorps Ltd., Hilti India Pvt. Ltd., Dextra India Pvt. Ltd., and Spectrum Techno Consultants Pvt. Ltd., whose support contributed significantly to the successful organization of this programme. Two sessions were held in February and were reported in the February Newsletter. During the course, Mr. Alok Bhowmick, Mr. V. N. Heggade, Mr. Sandeep Pattiwar, and in some sessions Mr. Mohan Lal Gupta from Delhi Metro Rail Corporation and Dr. M. P. Ramnavas, Director – Projects, Kochi Metro Rail Limited, attended as panelists. During March, the remaining sessions were organized, featuring the following eminent speakers who delivered insightful lectures on diverse topics:

- Design of Elevated Metro Station – Evolution and Overview by Navneet Gupta, Executive Director, Tandon Consultants Pvt Ltd
- Conceptualization and Design of Elevated Metro Viaduct using Precast Elements – A Case Study by Nirav Mody, Director, Spectrum Consultants Pvt Ltd
- Fire-Resistant Post-Installed Rebar Connections for Concrete Structures by Agamoni Das, Head – Codes & Approvals (Fastening), Hilti India Pvt. Ltd. (*Sponsorship Presentation*)
- Dynamic Analysis of Elevated Metro Viaduct and Stations under Vehicular Loading by Antonio Molina, Head of the Structures and Geotechnics Department, Ayesa
- Design and Construction of Track Structures by Arunkumar Mohandas, Managing Director, RUBI Railtec
- Construction Aspects on Elevated Metro Viaduct by Amarsinh Balwantrao Raut, Divisional Head – Maharashtra, Business Unit – Urban Infrastructure, Afcons Infrastructure Limited
- RSI Analysis for Elevated Metro Sections by Spandan Murthy, Technical Discipline Lead (Bridges), Arcadis India
- Challenges/Bottlenecks in Metro Projects in India and Remedial Measures by Mangu Singh, Principal Chief Advisor, Delhi Metro Rail Corporation (DMRC)
- Engineered Construction Solutions by Dextra by Manish Bhamare, Senior Manager – Business Development, Dextra India Pvt. Ltd. (*Sponsorship Presentation*)
- Aesthetics in Elevated Metro Design by Mahesh Tandon, Chairman, Tandon Consultants Pvt Ltd
- Design for Fatigue for Steel and Concrete Structures by Sanjeev Kumar Garg, Chief Project Manager, Delhi Metro Rail Corporation (DMRC)
- Construction Aspects on Elevated Metro Station by D. K. Sharma, Head of Metro, SAMINDIA



Fig 1: Glimpses of the Course

2. Lecture on “Planning and Design of Underground Metro Stations using the New Austrian Tunnelling Method (NATM)”

IAStructE organized a technical lecture on “**Planning and Design of Underground Metro Stations using the New Austrian Tunnelling Method (NATM)**” on **26 March 2026**. The lecture was delivered by **Mr. Partha Pratim Banerjee, Director (Technical), Ayesa India**. The webinar was initiated by **Dr. S. K. Dhawan**, GC member, IAStructE. During the session, the speaker highlighted the importance of underground metro systems in densely populated cities, as they reduce surface disruption, traffic congestion, and environmental impact. The challenges of underground station construction were discussed, noting that while the cut-and-cover method is commonly used, the New Austrian Tunnelling Method (NATM) is increasingly adopted in suitable geological conditions. Key aspects of planning, design, and risk mitigation for stations constructed using NATM were also presented. The recorded lecture can be seen from the following YouTube link: <https://youtu.be/1J0LhMVz2DE>



Fig 2: Glimpses of the Lecture

IAStructE Student Chapter Activities

IAStructE – DTU Student Chapter Event:

1. SURVEYOR'S CHASE – The Ultimate Civil Engineering Treasure Hunt!

The IASTRUCTE DTU Student Chapter at Delhi Technological University successfully organized an engaging and innovative technical event titled “Surveyor’s Chase – The Ultimate Civil Engineering Treasure Hunt” on 1st March 2026 at the Civil Department Parking Area, DTU Campus.



Fig 3: Glimpses of the event

IAStructE – IIT Hyderabad Student Chapter Event:

1. Lecture on “Uncertainty Quantification of Dynamical Systems”

The IASTRUCTE – IIT Hyderabad Student Chapter organised a guest lecture on “Advanced NDT Methods for Assessment of Concrete Structures for Strength, Integrity and Corrosion”, delivered by Mr. Parampreet Singh, Director at Avantech Engineering Consortium Pvt. Ltd. The event was conducted in an online mode on 26th March 2026 from 2:30 PM to 4 PM. The lecture focused on the significance of advanced Non-Destructive Testing (NDT) techniques in evaluating the condition and performance of concrete structures without causing any damage.

Mr. Singh began the session by emphasizing the critical role of NDT methods in assessing key structural parameters, such as in-situ compressive strength, reinforcement corrosion, internal defects, and overall structural integrity. He highlighted how these techniques provide rapid and reliable information, enabling engineers to make informed decisions regarding maintenance, rehabilitation, and retrofitting of infrastructure. The discussion underscored the importance of ensuring safety, serviceability, and long-term durability, particularly in critical structures such as bridges, tunnels, metro systems, buildings, and industrial facilities. The lecture further explored various advanced NDT techniques and their practical applications in real-world scenarios. Mr. Singh shared insights into the working principles and effectiveness of different methods used for structural health assessment. He also discussed how integrating multiple NDT techniques can lead to more accurate and comprehensive evaluation of concrete structures. The challenges associated with field implementation and interpretation of test results were also addressed, providing participants with a practical perspective on the subject.

In the latter part of the session, Mr. Singh presented case studies from his extensive professional experience, demonstrating the application of advanced NDT methods in large-scale infrastructure projects. He also shared insights into his work at NABL-accredited laboratories and highlighted the role of advanced testing in improving maintenance strategies and extending the service life of structures. His discussion reflected the growing importance of NDT in modern civil engineering practices. The session concluded with an interactive Q&A, where participants actively engaged with the speaker, seeking clarification on practical challenges and emerging trends in NDT. The event witnessed enthusiastic participation from students and researchers, making it a valuable learning experience. YouTube Link: <https://www.youtube.com/watch?v=t1Dko6HQVKA>



Fig 4: Glimpses of the Lecture

IAStructE – BITS Pilani Hyderabad Campus Student Chapter Event:

IAStructE – BITS Pilani Hyderabad Campus Student Chapter was established in January 2026. Since its inception, nine expert webinars, with over 2000 registrations, have been successfully conducted jointly with the ASCE (Establishment Stage) Student Chapter, bringing together distinguished academicians and industry experts in the field of structural engineering.

1. Webinar on “Concrete-Filled Steel Tubular Columns: Behaviour, Design and Applications”

Dr. Mashudha Sulthana, Assistant Professor, Department of Civil Engineering, NIT Tiruchirappalli, delivered a webinar on 14th March 2026. The talk focused on the structural behaviour and design aspects of Concrete-Filled Steel Tubular (CFST) columns and their applications in modern construction. Dr. Sulthana explained the composite action between steel tubes and infilled concrete, highlighting enhanced strength, ductility, and confinement effects in CFST systems. A detailed step-by-step design procedure as per IS 11384:2022 was presented along with a practical example to demonstrate codal implementation and design considerations. The session also included a comparison between CFST columns and concrete-encased steel composite columns, emphasizing the advantages of CFST systems in terms of structural efficiency and construction feasibility. The lecture concluded with technical discussions on design challenges and practical applications, providing participants with valuable insights into composite structural systems



Fig 5: Glimpses of the Webinar

2. Webinar-11: “Construction 4.0 – Smart & Sustainable”

Dr. M. R. Kalgal, Former Technical Advisor, UltraTech Cement Ltd, delivered a webinar on 28th March 2026. The talk focused on the transformation of the construction industry through the adoption of Industry 4.0 principles and digital technologies.

Dr. Kalgal discussed the integration of smart technologies such as automation, data analytics, and digital connectivity between physical and cyber systems to improve construction efficiency and productivity. The role of digitalization in enhancing project management and decision-making processes was highlighted.

The session emphasized sustainable construction practices, including resource optimization, reduced environmental impact, and improved lifecycle performance of infrastructure. The lecture concluded with discussions on challenges and opportunities in implementing Construction 4.0 concepts, offering participants a comprehensive understanding of emerging trends in the industry.



Fig 5: Glimpses of the Webinar

QUIZ - Test Your Structural Concepts!

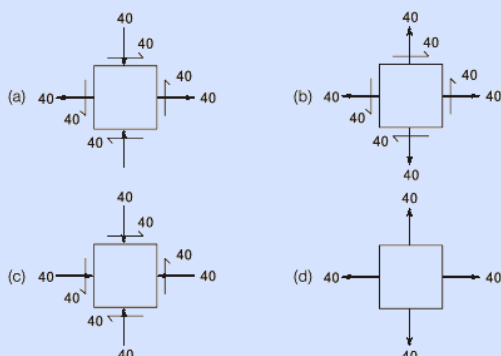
This quiz is designed to generate interest in structural engineering among stakeholders and to encourage greater participation from young engineers, with each issue of the newsletter featuring three conceptual questions covering diverse aspects of the discipline. The names of the first ten participants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

No reader was able to provide all correct answers to the quiz published in the **February 2026 Newsletter**. The correct answers are provided below for reference:

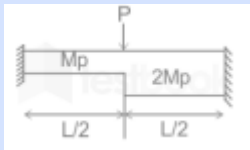
1. A propped cantilever beam EF is subjected to a unit moving load as shown in the figure (not to scale). The sign convention for positive shear force at the left and right sides of any section is also shown. The CORRECT qualitative nature of the influence line diagram for **shear at G** is
Answer: (b)
2. The stiffness matrix for the given flexibility matrix is
Answer: (b)
3. Consider plane truss shown in figure, neglect self-weight, the number of non-zero members are:
Answer: (d)

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

1. Which of the following represent state of pure shear stress - (a, b, c or d)

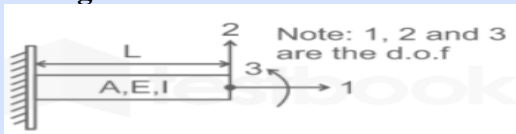


2. A fixed beam made of steel is shown in at collapse, the value of load P will be equal to



- (a) $10Mp/L$ (b) $12Mp/L$
 (c) $14Mp/L$ (d) $8Mp/L$

3. For the given matrix the coefficient K_{22} can be written as



- (a) $6EI/L^2$ (b) $4EI/L$
 (c) $12EI/L^3$ (d) $2EI/L$

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

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. **Connections**
2. **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 at the earliest convenience. Articles are invited from i) Members of IAStructE; ii) Specialists in the field even though they are not members of IAStructE. These thematic issues aim to provide valuable insights, highlight emerging trends, and promote knowledge sharing within the structural engineering community.



Call for papers for CROSFALL:

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

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

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

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

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

Advertisement Tariffs:

Structural Engineering Digest (being published in PDF format)

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

IAStructE Monthly Newsletter (being published in PDF format)

	Rates for advertisement	Advertisement Size
Full Page	Rs. 10,000 per issue, 10% rebate for quarterly, 20% rebate for half yearly and 30% rebate for yearly booking	9.5-inch x 7 inch
Half Page	Rs. 7,000/- + 18% GST per issue, 10% rebate for quarterly, 20% rebate for half yearly and 30% rebate for yearly booking.	4.75-inch x 7 inch
1/8th of a Page	Rs. 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.

The infographic features the IAStructE logo on the left and the fib CEB-FIP logo on the right. Below the logos, a banner reads "Indian Association of Structural Engineers is now a Statutory Member of fib". The main text states: "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:

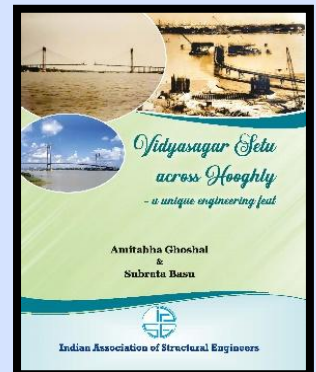
- Opportunity to become a part of fib technical committees and contribute to the fib Model Codes (published approximately every 10 years).
- Opportunity to become a part of the fib Task Groups and Commissions.
- Opportunity to be nominated for the fib awards thru' IAStructE.
- Access to all the bulletins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

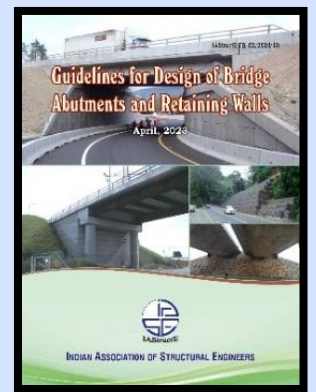
1. Book on Vidyasagar Setu across Hooghly – A unique engineering feat:

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.



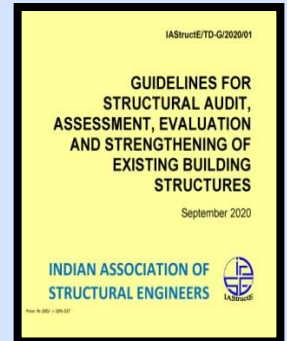
3. Commentary with Worked Examples for IRC: 6-2017:

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

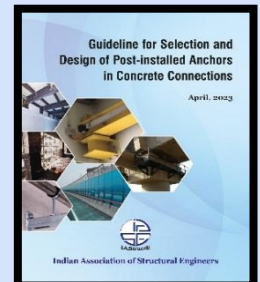
IAStructE/TD-CC/2020/02	IAStructE/TD-CC/2020/01
<p>COMMENTARY WITH WORKED EXAMPLES FOR IRC:6-2017</p> <p>STANDARD SPECIFICATIONS AND CODE OF PRACTICE FOR ROAD BRIDGES SECTION II : LOADS & LOAD COMBINATIONS (SEVENTH REVISION)</p> <p>NOVEMBER 2020</p> <p>VOLUME 2 OF 2 : ILLUSTRATIVE WORKED EXAMPLE</p>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

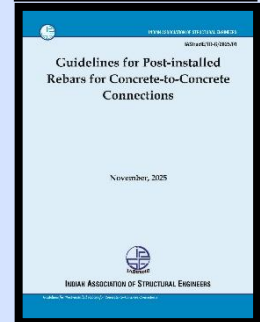
4. Guidelines for Structural Audit, Assessment, Evaluation and Strengthening of Existing buildings Structures: This document will guide structural engineers in proper assessment of building structures before issuing structural stability certificate. The Guideline emphasizes the urgent need to enhance 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 under IAStructE Professional Documents, members can access it after logging in.



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



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

IAStructE Library:

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



View of IAStructE Library



About IAStructE:

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

Membership Benefits:

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

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

How to become a member?

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

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