



MESSAGE FROM THE PRESIDENT



Dear Friends,

Warm greetings from IAStructE.

I am very happy to present to you the August 2024 Newsletter. The association is regularly organising technical activities which help the structural engineering fraternity immensely. Also, readers are encouraged to register for upcoming National Conference on Futuristic Structural Engineering.

In this newsletter, information related to the 20 Annual General Meeting held on 3 August, Lecture on Performance Based seismic analysis of highrise building in San Francisco, PEB refresher course, and news about student chapter activities are included

Please send your feedback on our activities and suggestions for further improvements.

Best Regards,

Prof. R. Pradeep Kumar
President-IAStructE

FROM THE EDITOR'S DESK



Dear Members and Readers,

In this month's newsletter, we recap the 20th Annual General Meeting and other knowledge-sharing initiatives. We're excited to share that Dr. R. Pradeep Kumar, our president, is leading a team to study the aftermath of the landslides in Chooralmala, Wayanad.

We invite all members to join us for StructE NatCon 2024. Don't forget to share and follow our updates online.

Thanks and regards,

Prof. Visalakshi Talakokula

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Events Organized:

20th Annual General Meeting

The 20th Annual General Meeting of Indian Association of Structural Engineers was organized on August 3, 2024 online through Zoom app. During which the Annual Report for the FY 2023-24 and Audited Accounts for the year ended 31st March 2023 were adopted. The Auditor for ensuing year 2023-24 was also appointed. The members appreciated the efforts of the Governing Council for conducting the many activities like refresher courses, webinar series, publishing of technical documents and improving the financial strength of the Association.

Lecture on "Performance Based Seismic Analysis of a Mixed Used High Rise in San Francisco"

An online lecture on Performance Based Seismic Analysis of a Mixed Used High Rise in San Francisco organized on August 29, 2024. The lecture was delivered by Mr. Abhinav Bindal Senior Computational Engineer Nabih Youssef Associates Structural Engineers (NYASE), Los Angeles. The presentation covered Performance-Based Seismic Design (PBSD) and analysis of a mixed-use high-rise development in San Francisco, where seismic considerations are paramount. The speaker discussed an overview of the project's alignment with the design criteria, the iterative design process, and the practical implications for future urban developments in seismic-prone areas. The case study highlighted how PBSD can be applied to enhance safety and functionality in urban environments.

The recorded lecture can be seen from the following YouTube link:

[https://www.youtube.com/live/DzX7CzssvJk?si=Meeml-PZjddk\[jwkr](https://www.youtube.com/live/DzX7CzssvJk?si=Meeml-PZjddk[jwkr)

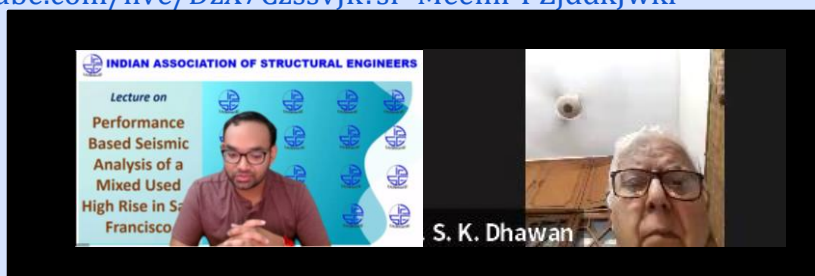


Fig 1. Glimpses of the lecture

Online Refresher Course on "Planning, Design, & Construction Aspects of Pre Engineered Steel Buildings"

An Online Refresher Course on "Planning, Design, & Construction Aspects of Pre Engineered Steel Buildings" has been launched on July 27, 2024, which will continue till August 31, 2024. The lectures are being conducted every Saturday. The inaugural session featured an insight into and purpose of the course by Mr. Manoj Mittal, Chairman, Professional Development and Technical Events Committee, and a welcome address by Prof. R. Pradeep Kumar, President, IAStructE. Dr. S. P. Anchuri, Course Coordinator and GC member, IAStructE, moderated the Session. Dr. Padmaja Gokaraju, Vice-President Designs, Product & Systems Development, Kirby is the Course Co-Coordinator. The course received support from KISHORE Infratech Private Limited. Following eminent speakers delivered their lectures during the six sessions:

- ❖ Prof. Arul Jayachandran S., Professor IIT Madras
- ❖ Dr. Padmaja Gokaraju. Vice-President Designs, Product & Systems Development, Kirby Building Systems & Structures India Pvt Ltd

- ❖ Mr. Sandip Kumar Pal, Associate Vice President and HoD, Civil & Structural Engineering, M/s Adani Power Ltd
- ❖ Mr. I. V. Ramana Raju, Co-Founder and CEO, Fabex Steel Structures
- ❖ Mr. Parag Belsare, Managing Director, M/s TechYuga Structural Solutions Pvt. Ltd
- ❖ Dr. T. Jothi Saravanan, Assistant Professor in Civil Engineering, School of Infrastructure (SIF), IIT Bhubaneswar
- ❖ Prof. Mahendrakumar Madhavan, Professor, IIT Hyderabad
- ❖ Mr. Mahesh Wekhande, Director, M/s TechYuga Structural Solutions Pvt. Ltd
- ❖ Mr. Ravi Prasad Voleti, General Manager Construction, M/s Kirby Building Systems & Structures India Pvt. Ltd
- ❖ Mr. Mahesh Kadam, Senior General Manager, Project Execution, M/s Zamil Construction India Pvt. Ltd.
- ❖ Mr. Amit Shah, Principal, DCS Consultants, Hon. Chairman, Experts Committee-ISCC
- ❖ Dr. Subba Reddy Singam, Asst. Vice President Designs, Kirby MEA

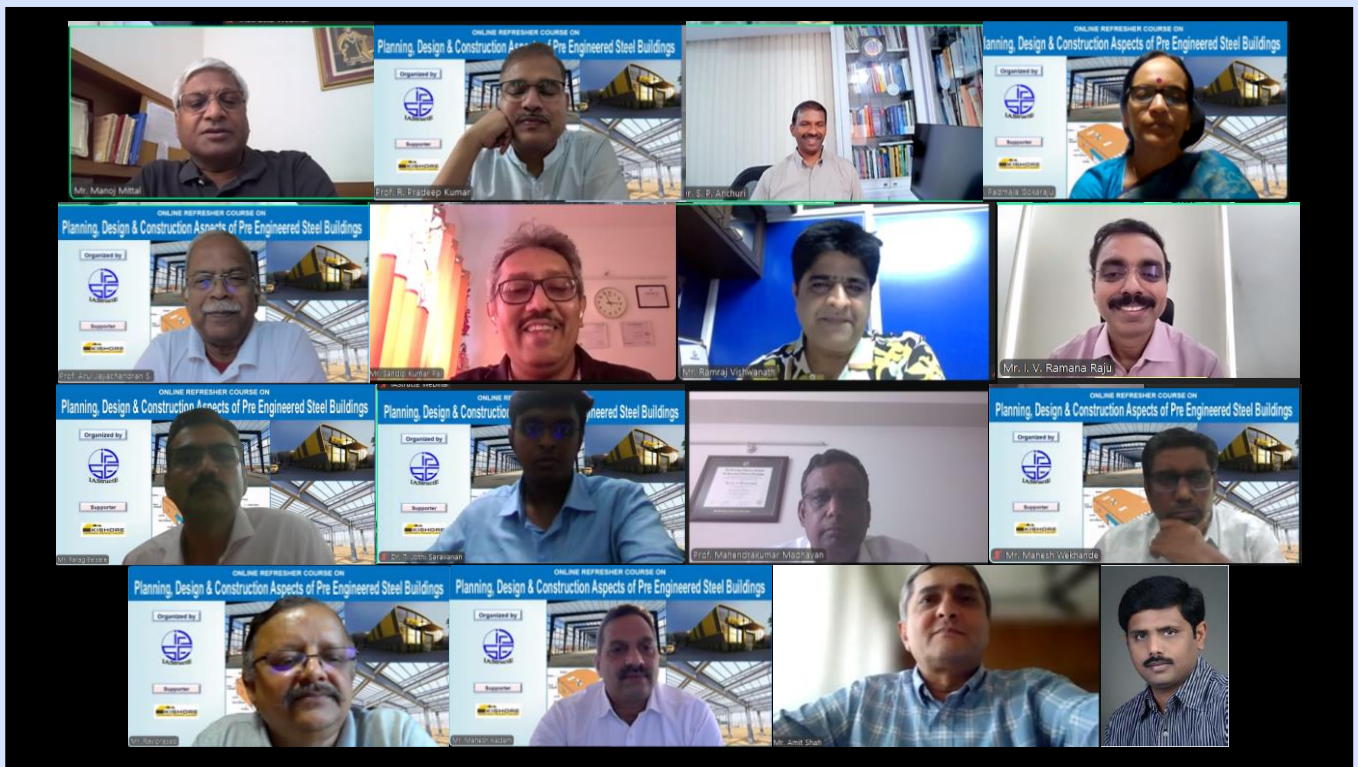


Fig 2. Glimpses of the Inaugural Session

IAStructE Student Chapters Activities:

IAStructE - IIIT Hyderabad student chapter

1. **Title of the event:** MvDad Cloud-based RC Building Earthquake Resistant Structural Design Software.

Speaker: Mr. B.P Karamchandani, Founder and CEO of MvDad software.

Date & Venue: 14th August 2024 IIIT Hyderabad

Proceedings of the event : Mr. Karamchandani began the lecture by sharing his motivation and passion behind creating MvDad software, which was developed to work on smartphones/computers with internet access. He highlighted the need for upcoming structural engineers to be well-equipped with knowledge about structural analysis software before stepping into their professional careers. The talk focused on understanding how the software analyzes and designs the most economical and stable RCC structure as per the Indian standard guidelines (e.g., IS 456, IS 875, IS 1893, and IS 13920) and subsequently assessing the earthquake performance of the building.

The webinar was focused on the various features and analysis methodologies offered by MvDad software, modelling of different structural components including slabs, columns, beams, walls, and foundations. The speaker explained the step-by-step procedure for modelling and the requirements to upload the required characteristics of the structure in accordance with the latest Indian Standard guidelines. Further, the software will generate the following outputs: shear and bending moment diagrams, deflection profiles, stress profiles, and reinforcement detailing. This was followed by a lateral load analysis of the structure. The speaker also emphasized the modal and P-delta analysis techniques that can be used to calculate base shear, story drift, and story shear values.

The webinar concluded with an engaging question and answer session between the attendees and the speaker. These days, where high-end structural design and analysis softwares are difficult to obtain, MvDad provides an excellent alternative for those who want to strengthen their grip over structural and seismic analysis using these softwares. This discussion enriched the overall exploration of the topic and its significance in the domain of structural earthquake engineering.

You Tube link: https://youtu.be/F_c4aWUe--U

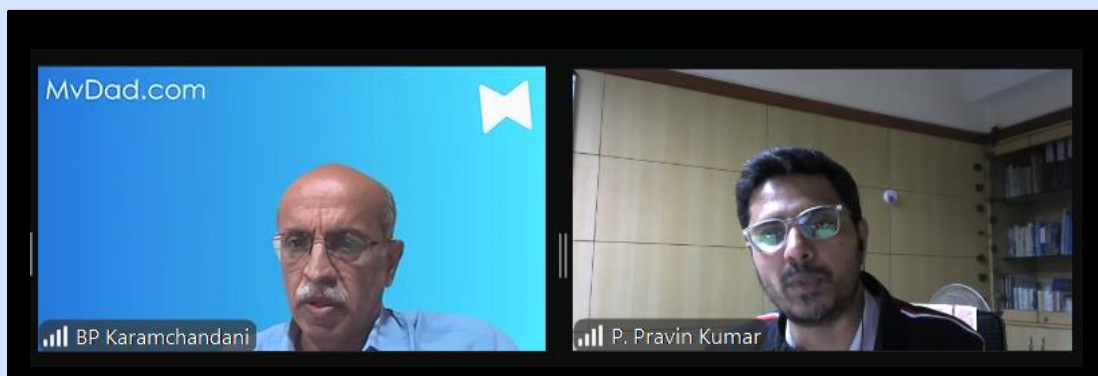


Fig 3. Glimpses of the Lecture

2. Title of the event: Seismic Vulnerability and Risk Assessment: ML Approach

Speaker: Dr. Ratnesh Kumar, Professor, Department of Applied Mechanics, Visvesvaraya National Institute of Technology (VNIT), Nagpur.

Date & Venue: 29th August 2024 IIIT Hyderabad.

Proceedings of the event : The IAStructE – IIIT Hyderabad student chapter of the Earthquake Engineering Research Centre organized an online ‘Guest Lecture’ on 29th August 2024. The lecture titled “Seismic Vulnerability and Risk Assessment: ML Approach” was delivered by Dr. Ratnesh Kumar, Professor, Department of Applied Mechanics, Visvesvaraya National Institute of Technology

(VNIT), Nagpur. This event welcomed postgraduate students, research scholars, structural engineers, industry professionals, and faculty members.

The speaker began the lecture by signifying the need to predict the earthquake behaviour of the structures, to enlighten the local bodies and the government to reduce the loss of economy and human lives in the near future. He shared quite an interesting point that structures act as a shield to protect humans from natural hazards like floods, cyclones, etc., but the same acts as killers in the case of earthquakes. The talk proceeded with the concept of seismic vulnerability and the different methods for its risk assessment. The lecture focused on understanding the seismic risks associated with different regions and the vulnerabilities present in various building types. The use of Machine Learning (ML) and Geographic Information System (GIS) software for risk assessment was clearly illustrated through a case study in Nagpur city using the Socio-Economic Cluster approach. Other assessment-aiding parameters such as identifying the performance point using the demand and capacity curves and types of mapping were discussed further. The talk also shed light on the challenges faced in risk assessment and construction practices. The lecture concluded by highlighting the potential of combining various models using ML and GIS techniques for improved accuracy. In the end, an engaging question and answer session took place between the attendees and the speaker, where the insightful discussion and clarifications provided further enrichment of the participant's understanding of the topic.

You Tube link: <https://www.youtube.com/watch?v=V3Y2byj5QcU>

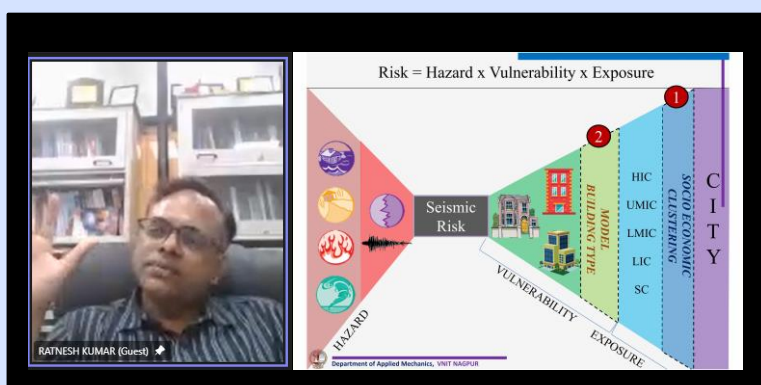


Fig 4. Glimpses of the Lecture

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



Indian Association of
Structural Engineers

Forthcoming Event



StructE
NATCON 2024

**National Conference on
Futuristic Structural Engineering**

StructE NatCon 2024

8-10 November, 2024
PHD House, New Delhi

Organised by



Indian Association of
Structural Engineers

www.structenatcon.com

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Please visit: <https://structenatcon.com/> for registration and more details

National Conference on
Futuristic Structural Engineering

Invitation

Structural engineering stands at the frontier of innovation, shaping the future of sustainable infrastructure. The Indian Association of Structural Engineering (IAStructE) proudly thrilled to announce the forthcoming **National Conference on Futuristic Structural Engineering "StructE NatCon 2024"** scheduled to take place during **8th-10th November 2024**, at PHD House, New Delhi, with the aim to showcase India's pivotal role in driving advancements of Structural Engineering. IAStructE is national apex body of structural engineers in India established with the objective to cater to the overall professional needs of structural engineers. With a rich legacy of engineering excellence, IAStructE spearheads initiatives that catalyze positive change and elevate the standards of structural engineering practice.

This conference offers a unique opportunity for industry professionals, researchers, academics, and students to engage in meaningful dialogue, share insights, and collaborate on interdisciplinary solutions that address the most pressing challenges facing in the field of structural engineering and to delve into cutting-edge advancements that are reshaping the landscape of structural engineering. Hence, participants can expect to gain invaluable knowledge, forge new connections, and be inspired by the latest innovations in the field. The conference will feature paper presentations by researchers around the world, keynote speeches by invited speakers and several discussions addressing the state-of-the-art technologies and future challenges in Structural Engineering. In addition, IAStructE would also appreciate the efforts of the scientists and engineers through various categories of award. Mahendra Raj Memorial Lecture and Structural Engineers Day shall also be celebrated during the event. There will be special sessions and activities for students and young engineers.

The overarching theme of this conference revolves around the pursuit of innovation in structural engineering. With a focus on sustainability, resilience, and leveraging artificial intelligence and machine learning (AIML), this event seeks to explore transformative strategies that will define the future of structural engineering. The key topics of the conference include the following.

- **Global Innovations in Structural Engineering:** Addressing structural design innovations in terms of reducing energy consumption, minimizing waste, making use of renewable resources, and advancements in research in the field.
- **Sustainability in Built Environment:** Addressing the urgent need for environmentally conscious practices in construction and infrastructure development.
- **AI&ML Applications in Structural Engineering:** Harnessing the power of artificial intelligence and machine learning to optimize design processes, improve efficiency, and enhance safety in structural projects.
- **Structural Resilience - Vision for the Future:** Anticipating and mitigating the impact of natural disasters and unforeseen challenges through resilient design and forward-thinking strategies.
- **Health Monitoring, Forensic Structural Engineering:** Exploring innovative approaches to prolonging the lifespan of existing infrastructure, reducing maintenance costs, and enhancing functionality.
- **Advances in Construction Materials & Technologies:** Showcasing breakthroughs in materials science and construction methodologies that are revolutionizing the way we build and maintain structures.

Important Deadlines

Submission of Abstracts : Closed

Early Bird Registration (20% Discount) : 15 July'24

Acceptance Intimation - 15 August'24

Full paper submission : 15 September'24 (Extended)

Early Bird Registration (10% Discount) : 15 Sept.'24

Regular Registration : 31 October'24

Publishing Partner



Selected papers from the conference will be published by Springer in a scopus indexed proceedings book volume. The full paper should be submitted as per the springer recommended paper format. Springer will conduct quality checks on the accepted papers and only papers that pass these checks will be published.

Springer Nature does not charge any money for publication of Non-Open Access content. Abstracts/extended abstracts and short papers (less than 4 pages) are not considered for publication.

Event Programme

Day 1 | 8 Nov 2024 (Friday)

9:00-10:30 am	Registrations
10:30-1:30 pm	Young Engineer Workshop (Modi Hall)
1:30-2:30 pm	Lunch
2:30-3:00 pm	Registration of other delegates (LPS Audi)
3:00-4:00 pm	Inauguration
4:00-4:30 pm	Tea
4:30-7:00 pm	<p>Session 1:- Global Innovations in Structural Engineering (sub-theme) State of the Art Lecture:- Prof. R.N. Iyengar, Director, Center for Ancient History and Culture (CAHC), Jain University, Bangalore. State of the Practice Lecture:- Prof. Mahesh Tandon, Chairman, Tandon Consultants Pvt Ltd Keynote Lecture:- Dr. Agostino Marioni, Chairman, Hirun International Paper Presentation & Q/A</p>
7:00 pm onwards	Ice Breaking Dinner

Day 2 | 9 Nov 2024 (Saturday)

9:00-11:30 am	<p>Technical Session 2:- Sustainability in Built Environment (sub-theme) Keynote lecture:- Mr. Vijay Kulkarni, Founder Director, Low Carbon Construct Forum (LCCF) Paper presentation/Sponsor presentation/Q/A</p>
11:30-11:45 pm	Tea
11:45-2:15 pm	<p>Technical Session 3:- AI&ML application in Structural Engineering (sub-theme) Keynote lecture:- Prof. Sudhir Kumar Barai, Director & Senior Professor, BITS Pilani Paper presentation</p>
2:15-3:00 pm	Lunch - Speed Networking for YE and Students
3:00-5:30 pm	<p>Technical Session 4:- Structural Resilience - Vision for the Future (sub-theme) Keynote lecture:- Prof. Ravi Sinha, Professor, IIT Bombay Paper presentation/Sponsor presentation/Q/A</p>
5:30-7:00 pm	Tea & Model Making Activity (Modi Hall)
7:00 pm onwards	Conference Dinner

Day 3 | 10 Nov 2024 (Sunday)

9:00-11:30 am	<p>Technical Session 5:- Health Monitoring, Forensic Structural Engineering (sub-theme) Keynote lecture:- Dr. Kamyab Zandi, Founding Director & CEO, Timezyx, Canada Paper presentation/Sponsor presentation/Q/A</p>
11:30-11:45 am	Tea
11:45-2:15 pm	<p>Technical Session 6:- Advances in Construction Materials and Technologies (sub-theme) Keynote lecture:- Dr. Shailesh Agrawal, Executive Director, BMTPC Paper presentation</p>
2:15-3:00 pm	Lunch - Poster session & Speed Networking for YE and Students
3:00-4:00 pm	Mahendra Raj Memorial Lecture / Structural Engineers Day
4:00-5:30 pm	Awards Ceremony & Summing up
5:30 pm	Vote of thanks

Registration Fee :

Enjoy 20% Early Bird discount until July 15, 2024, followed by a 10% discount between July 16 and September 15, 2024. No discounts will be available thereafter.

Category	Registration Fee*
IAStructE Members	₹ 5000
Supporting Organizations Members/members from academic research institutions	₹ 6000
Student Members of IAStructE	₹ 1500
Non Members	₹ 7000
Student of Engineering Colleges & Institutions	₹ 2000
Accompanied delegate (spouse)	₹ 3000


Please Note:

* GST @ 18% extra on Registration fee

Registrations are accepted online only

Mode of Payment - UPI, Net Banking, Debit & Credit Card, Wallets

Register Now!

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Sponsorships

Deliverables	Platinum	Diamond	Gold	Silver	Bronze	Supporter	Lunch/Dinner sponsor (one day)	Kit sponsor
Rates* in ₹	10 Lakhs	7.5 Lakhs	5 Lakhs	2.5 Lakhs	1 Lakh	50 Thousand	2.5 Lakhs	1 Lakh
Logo on the Backdrop	✓	✓	✓	✓	✓	✓	✓	✓
Exhibition Stall	2x2mtr (2 nos.)	2x2mtr	2x2mtr	-	-	-	-	-
Sponsorship Presentation	20 mins	10 mins	5 mins	-	-	-	-	-
Distribution of catalogues	✓	✓	✓	✓	✓	✓	✓	✓
Advertisements in Conference Proceedings (in page/s)	Cover – Back page both side (colour)	2 (colour inside)	1 (colour inside)	Half (colour inside)	Half (B&W inside)	-	1 (colour inside)	Half (B&W inside)
Display of name during lunch hours	-	-	-	-	-	-	✓	-
Advertisement in SED	1 page for 4 issues	1 page for 2 issues	1 page for 1 issues	-	-	-	-	-
Logo and name in the inner flap of the Kit	-	-	-	-	-	-	-	✓
Complimentary Delegates	10	7	5	2	1	-	2	-

Please Note: GST @ 18% extra on total amount

Please visit <https://structenatcon.com/> for registration and more details

Members Achievement:

Prof. R. Pradeep Kumar led the Post-Disaster Needs Assessment (PDNA) team to study recent landslides in Chooralmala in Wayanad

Under the direction of R. Pradeep Kumar, Director Central Building Research Institute and President IAStructE, the Post-Disaster Needs Assessment (PDNA) team initiated an extensive and scientific investigation of the recent landslides in Chooralmala in Wayanad. On August 26 (Monday), Prof. R. Pradeep Kumar informed at a meeting with representatives of the Wayanad district administration, the Kerala State Disaster Management Authority (KSDMA), and the general public that the goal of his team was to perform a thorough assessment of the damage and determine the needs of the impacted population. Prof. R. Pradeep Kumar explained that the investigation will cover every facet of the catastrophe, including how it affected the economy, infrastructure, and lives of people.



Fig 5: PDNA team along with Forest Minister A.K. Saseendran visiting the landslide-hit area at Chooralmala in Wayanad on August 26.
Photo Credit: Special Arrangement / The Hindu Bureau

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.



Fig 6 IAStructE Library

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.

July-September 2024 issue: Theme: Restoration & Strengthening of Historical and Heritage Structures

October –December 2024 issue: Theme: Sustainable Concrete Technology

Interested professionals may send their full paper on any of the above issues along with their photograph and brief resume latest by September 30, 2024 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. 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:

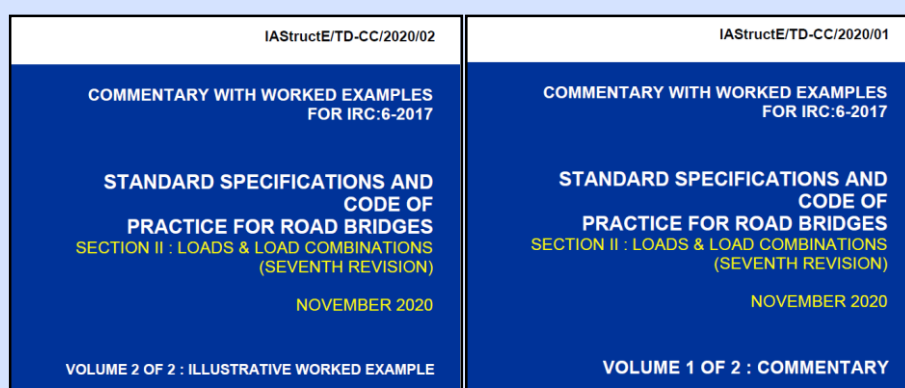
- *Structural failures,*
- *Poor Design and Detailing, Lack of Seismic Safety in planning*
- *Safety concerns about high risk erection schemes at Site*
- *Safety concerns on Temporary Works*
- *Near misses, or observations relating to procedures followed at site, which may lead to failures or collapses.*

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

IAStructE Publications:

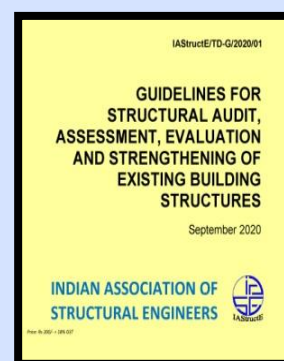
1. Commentary with Worked Examples for IRC: 6-2017: It is a document having commentary with worked example on IRC: 6-2017 (The code for Loads & Load Combinations for design of Highway Bridges). This commentary is in two separate volumes. Volume-1 pertains to the Commentary while Volume-2 pertains to Illustrative Worked Examples. It has 48 worked examples demonstrating application of various codal clauses.



The documents are available for sale @ Rs. 1200/- for Volume 1, and @ Rs. 800/- for Volume II. Members of IAStructE and IRC will be entitled for a discount of 10% on the price. Interested professionals who wish to purchase the commentary may kindly register with the following link or contact IAStructE Secretariat at iastructe@gmail.com

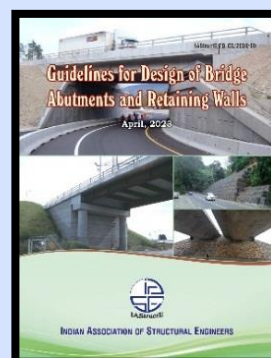
Registration link: <http://iastructe.co.in/new-iastructe-publication.php>

2. 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. These guidelines may be used by IAStructE members, all other structural engineers, house owners, housing society welfare associations, clients and corporation engineers for understanding structural audit of the private and public building structures. The Guideline focuses on the urgent need to strengthen risk resilience of buildings from any kind of risks due to earthquake and other hazards. It is hoped that this document will be useful to ensure that all structures across the country remain safe from any kind of disaster risk.



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>

3. 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.

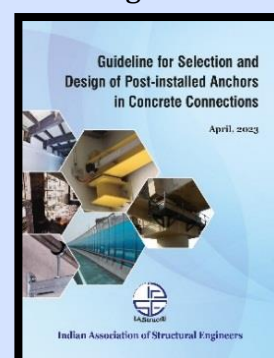


The document is available for sale @ Rs. 1500/-. Interested professionals who wish to purchase this document may kindly contact IAStructE Secretariat at iastructe@gmail.com. Members of IAStructE will be entitled for a discount of 10% on the price.

4. 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.

5. 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.

6. Guideline for Selection and Design of Post-installed Anchors in Concrete Connections: In this document, only post-installed anchors are covered including their types, behaviour and working principles, failure modes, and basic design steps for non-seismic and seismic situations. A few illustrative design examples too are presented for better understanding of design methodology. This document is now available on www.iastructe.co.in under IAStructE Professional Documents. IAStructE member can access this document after login



New Members:

“Fellow” Grade

M/S No	Name	Designation, Organization	State
F-551	Mr. Honey Mehra	Senior Structural Expert, M/s Ayesa	Delhi
F-552	Mr. Navneet Gupta	Executive Director Tandon Consultants Pvt Ltd	Delhi

“Member” Grade

M/S No	Name	Designation, Organization	State
M-375	Mr. Arnab Deb	Addnl. Manager – Technical Sthapati Enterprises Pvt. Ltd.	Kolkata
M-376	Dr. Govardhan Bhat	Assistant Professor, Civil Engineering NIT Raipur	Raipur
M-377	Mr. Shailendra Singh	Structural Engineer IVL India Environmental R&D Pvt Ltd	Gwalior
M-378	Mr. Challari Suresh	Manager-Structural Engineer, Aarvee Associates	Hyderabad
M-379	Mr. Mohd Mueez Khan	Design Team Lead Skeleton Consultants Pvt Ltd	Noida
M-380	Mr. Roshan Ali	Managing Director, Alex Associates	Delhi
M-381	Dr. Archanaa Dongre	Faculty, Veermata Jijabai Technological Institute (VJTI),	Mumbai
M-382	Dr. Phanisri Pradeep Pratapa	Assistant Professor, IIT Madras	Chennai
M-383	Mr. Rakesh Kumar Chaubey	General Manager, Dilip Buildcon Ltd	Bhopal

“Associate Member” Grade

M/S No	Name	Designation, Organization	State
AM-467	Mr. Mehafooj Alam	Structural Engineer Juneja Techno Consultants Pvt Ltd	Delhi
AM-468	Mr. Indra Pal Singh	Project Manager, RV Group & Associates	Ghaziabad
AM-469	Mr. Adhyyan Mudgal	Structural Engineer, IICC Architecture	Dehradun
AM-470	Dr. Shreya Thusoo	Structural Engineer Oriental Consultants Pvt. Ltd	Roorkee
AM-471	Mr. Dharm Singh	Structural Engineer, Manish Consultants	Gurugram
AM-472	Mr. Mudasir Ahmad Mir	Structural Engineer Hafiz Construction Company Pvt. Ltd	J & K
AM-473	Mr. Lokesh Sahu	Structural Engineer, Bhoo Associates	Jhansi, UP
AM-474	Mr. Surendra Kumar Verma	Sr. Technical Office, CSIR-CRRI	Delhi
AM-475	Mr. Akbar Ali	Technical Director Khaas Design & Engineering Pvt Ltd	Chennai

IAStructE is now a Statutory Member of fib:

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

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

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

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

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

Members of IAStructE will enjoy the following benefits:

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

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

Fees for subscribing members: 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. However, non-members can also take advantage of the *fib* subscribing membership at a discounted fee after becoming members of IAStructE.

The procedure to get the subscribing membership of *fib* is as follows:

1. Interested members can remit the membership amount of Rs 24,000 (i.e. CHF 250) 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 this calendar year up to December 31, 2024.

Advertisement Tariffs:

Structural Engineering Digest (being published in PDF format)

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

IAStructE Monthly Newsletter (being published in PDF format)

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

Accredited Structural Engineers (ASE – IAStructE):

The IAStructE program for Accreditation as Accredited Structural Engineers (ASE – IAStructE) is suitable for practicing structural engineers who have experience in the structural design field and have a good understanding of applicable design codes/standards in India.

This accreditation will help Structural Engineers in India to set a benchmark of proven professional & technical excellence and raise the levels of 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. Applicants have to demonstrate their competence in the designated 12 key attributes on which they will be assessed during the interview. The applicant would then require to clear the examination by answering any single chosen question from the options given in the question paper with a minimum level of marks stipulated. 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

Details of the application and assessment requirements, fees, and available dates can be consulted in the relevant fields given in the tabs below. They summarize the general application process, the assessment requirements, and the steps needed to qualify for the ASE-IAStructE accreditation.

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.



About IAStructE:

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

Membership Benefits:

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

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

How to become a member?

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

Indian Association of Structural Engineers

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