



MESSAGE FROM THE PRESIDENT



Dear Members,

After the second wave of COVID, lockdown & restrictions have generally been lifted across India. However, we need to be cautious and must practice covid appropriate behaviour (CAB) while in public places. Safety of ourselves & others must be our top priority.

Indian Association of Structural Engineers is continuously organising events which are interesting and useful to our fraternity. Recently we organised a webinar on 'conceptual design of bridges'. It was delivered by Mr V N Heggade. This webinar was unique & interesting. I genuinely believe all design engineers & consulting organisations must develop the competence to come out with innovative conceptual design of structures. One more webinar on 'failure of reinforced soil walls' is scheduled on 2nd July at 4.00 PM. Refresher course on 'Design & construction of Steel bridges' is starting from 17th July. Lectures will be on every Saturday for 4 Hrs till 28th August 2021. Last year IAStructE instituted National awards in different categories. Winners of these awards shall be felicitated in a ceremony on 10th July at 5.00 PM. On this occasion Dr Sudhir K Jain Director IIT Gandhinagar will also be felicitated. He was awarded Padma Shri in 2020 for excellent contribution in Engineering & Science. A lecture will also be delivered by him on this occasion. These events have already been announced and published in this newsletter. I encourage you all to join them. As a member of IAStructE you should also make efforts to publicise these events for the benefit of other engineers.

Structural Engineering Digest (SED) June issue is in design stage and shall be circulated soon. Next SED will be on the theme of 'structural health monitoring' with Prof Suresh Bhalla IIT Delhi as guest editor. If interested, you may send quality papers related to the theme for the consideration of editorial board. Many other initiatives will be announced soon.

You are requested to send feedback /suggestions on various IAStructE activities. It will help us improve our programs. Do let us know if you are interested in getting involved in any of our initiatives.

Best regards

Manoj Kumar Mittal
President-IAStructE

FROM THE EDITOR'S DESK



Warm greetings to all the readers!!

This month issue highlights about the upcoming felicitation ceremony cum IAStructE award ceremony, IAWA Presidential Award to Prof. Prem Krishna for his lifetime achievements, webinars conducted and the other events which are in pipeline.

We request all the readers to follow us on all social media platform, details given inside.

Members are encouraged to submit their achievements and articles which could benefit fellow readers.

Thanks & Regards,

Dr. Visalakshi Talakokula

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WEBINARS CONDUCTED

A webinar on “Conceptual Design of Bridges” by Mr. V. N. Heggade, Chief Executive Officer, STUP Consultants Pvt Ltd was organized on 25th June 2021 through online platform Zoom.

Moderator: Prof Mahesh Tandon, GC member & past President IAStructE

Panel members: Mr Jose Kurian, Senior Project Advisor (Technical), Kerala Infrastructure Investment Fund Board (KIIFB)

Prof. (Dr.) Mike Schlaich, Partner, schlaich bergemann partner (sbp) and

Dr. Harshavardhan Subbarao, Chairman & Managing Director, Construma Consultancy Pvt Ltd.

On this occasion Mr. Manoj Mittal President IAStructE welcomed all speakers & participants.

The webinar can be viewed at the following link: <https://youtu.be/oHeJawDkLWQ>



Fig. 1. Glimpses from the webinar

SUMMARY

Webinar on Conceptual Design of Bridges held on 25th June 2021 under the aegis of IAStructE was a unique one and overwhelmingly attended by more than 460 participants. Mr. V. N. Heggade while giving a definition to the conceptual design of structures, coined 3 phrases with abbreviations for form finding and 2 models one for structural aesthetics and the other for conceptual design process. Though the definition, phrases and models presented by him were in the realm of artistic creativity which does not require validation of generated ideas unlike scientific creativity where the validation is a must, he validated his models by the illustration of a bridge master piece “Signature Bridge at Delhi” taking the art to the level of science.

It was only apt that some of the conceptual designers of Signature Bridge, Prof Mike Schlaich, Mr. Jose Kurian and Dr Harshavardhan Subbarao were panelists for this unique webinar. It is pertinent to note here that Prof Mike Schlaich is the chair professor of Conceptual Design at Berlin TU. In an invigorating panel discussion, the panelists stressed that the conceptual design has to be included in the curriculum of universities and also emphasized the need of webinar series on conceptual design of structures in the very near future.

The webinar was moderated by Prof Mahesh Tandon in his inimitable flowing style while giving many tips on conceptual design and aesthetics of bridges. Interaction with panelists was very lively and participants were also actively engaged by the moderator in Q&A session.

FORTHCOMING EVENTS

Event	Topic	Speaker	Date & Timing
Webinar	The Failure of Reinforced Soil Walls: Lessons & Remedies" Registration link: https://us02web.zoom.us/webinar/register/WN_ZA39oc0GR-OdtWCY_Xejgw	Prof. (Dr.) G. L. Sivakumar Babu, Professor, Geotechnical Engineering Division, Indian Institute of Science, Bangalore	02 July 2021 at 04:00 PM
Felicitation & Award Ceremony	IAStructE Awards Ceremony - 2020 and the Felicitation program of Prof. Sudhir K. Jain Registration link: https://us02web.zoom.us/webinar/register/WN_axKcs4ynSSiE-u1KtHHQaw	-	10 th July 2021 at 05:00 PM
Online Refresher Course	Design & Construction of Steel Bridges Registration link: http://iastructe.co.in/online-refresher-course.php	Eminent Experts have been invited for making the presentations	17 th July to 28 th August 2021 (every Saturday from 02:30 PM to 06:30 PM)

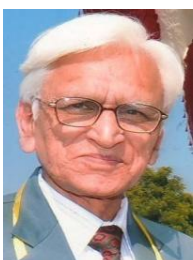
Message from IAStructE Social Media & Digitization Committee

Let's get "***DIGITIZED***"

With all new look of our website and media handles, 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

MEMBERS ACHIEVEMENT



Prof. Prem Krishna, Governing Council Member IAStructE has been awarded the IAWE Presidential Award for lifetime achievements for his lifelong contributions to wind engineering with particular reference to low rise structures, code development and leadership to the Indian Society of Wind Engineering (ISWE) and International Association for Wind Engineering (IAWE).

CALL FOR PAPERS FOR THE THEME BASED ISSUE OF SED JOURNAL

SED Editorial Board invites article contributions for the forthcoming issue of the Structural Engineering Digest on the following theme, which shall be published in e-book Format. Details are as under:

July – September 2021 issue: Guest Editor-Prof. Suresh Bhalla, Professor, IIT Delhi

Theme: STRUCTURAL HEALTH MONITORING

Interested professionals may send the abstract along with their photograph and brief resume by 15th July 2021 and full paper by 15th August 2021.

Articles are invited from i) Members of IAStructE; ii) Specialists in the field even though they are not members of IAStructE.

Interested authors/ contributors may kindly mail to iastructe@gmail.com regarding i) Broad guidelines on areas of coverage; ii) size of the article; iii) format of paper submission.

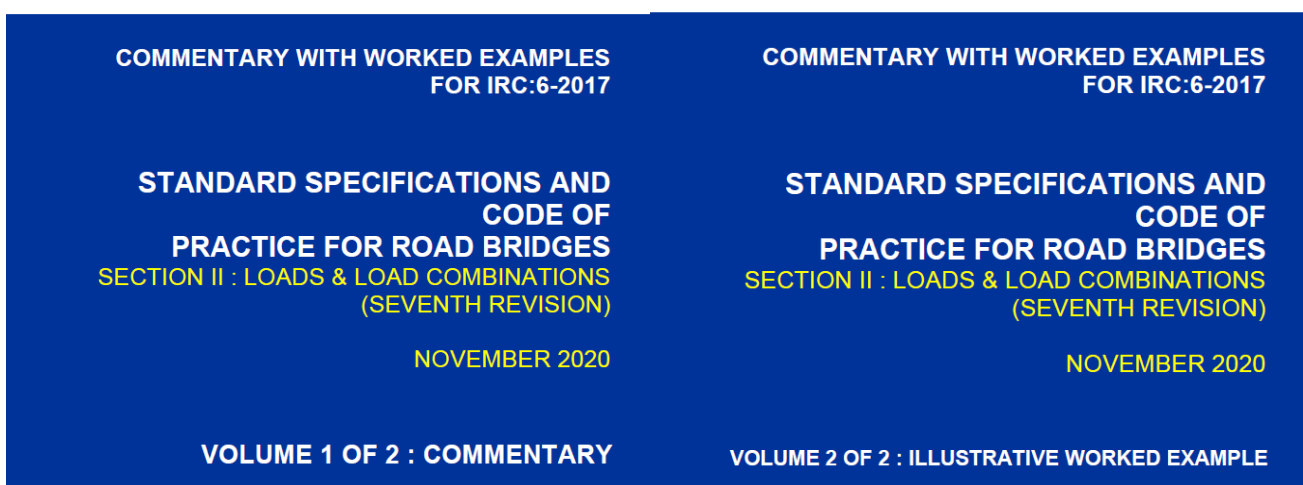
As per the laid down procedures all the papers shall be sent to the referee for review and the comments will be informed to the authors for incorporating the same. Papers shall be published after peer review & approval of SED editorial board.

IAStructE PUBLICATIONS

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

IAStructE/TD-CC/2020/01

IAStructE/TD-CC/2020/02

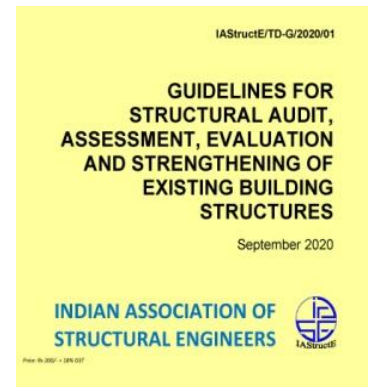


It's a priced document and hence not freely downloadable. However one can freely read the document by following the link. Volume 1: <http://www.iastructe.co.in/commentary-book/volume1/>
Volume 2: <http://www.iastructe.co.in/commentary-book/volume2/>

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 this amount. 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.



It's a priced document and hence not freely downloadable. However one can freely read the document by following the link. <http://www.iastructe.co.in/guidelines-for-structural-audit/>

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. 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.

4. 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.

NEW MEMBERS

“Fellow” Grade

<i>M/S No</i>	<i>Name</i>	<i>Designation, Organization</i>	<i>City</i>
F - 477	Mr Ashim Bhowmick	Chief Genral Manager / Regional Head - Kolkata, ICT Pvt Ltd	Howrah (WB)
F - 478	Mr Braj Bhushan Kumar	Bridge Engineer at ICT Pvt Ltd	Jehanabad (Bihar)
F - 479	Mr Malay Dasgupta	Vice President & HOD-Bridge, ICT Pvt Ltd	New Delhi
F - 480	Mr Nazrul Imam	Chief General Manager, ICT Pvt Ltd	Noida
F - 481	Mr Ram Pravesh Singh	Bridge Engineer, ICT Pvt Ltd	Aurangabad (Bihar)
F - 482	Mr Tapas Paul	Bridge Engineer, ICT Pvt Ltd	Kolkata
F - 483	Mr Venkatarao Devulapalli	VP(Special Structures), ICT Pvt Ltd	New Delhi
F - 484	Mr Vivek Sood	VP-ICT Pvt Ltd	New Delhi
F - 485	Ms Gautam Kumar	Bridge /Structural Engineer, ICT Pvt Ltd	New Delhi
F - 486	Ms Anshu Kumari	Chief General Manager, ICT Pvt Ltd	New Delhi
F - 487	Mr Mohinder Pal Marwah	Advisor (Bridge Design), ICT Pvt Ltd	New Delhi
F - 488	Mr Akhileshwar PD. Pandey Ashok	Bridge/Structural Engineer, ICT Pvt ltd	New Delhi

F - 489	Mr Akhilesh Kumar Sharma	Bridge/Structural Engineer, ICT Pvt Ltd	Lucknow (UP)
F - 490	Mr Prashant Kumar	Bridge Engineer at ICT Pvt Ltd	New Delhi
F - 491	Mr Sunil Kumar Singh	CGM- Roads & Bridges, ICT Pvt Ltd	New Delhi
F - 492	Mr Ram Chander	Asst Bridge Engineer, ICT Pvt Ltd	Rohtak (Haryana)

“Member” Grade

<i>M/S No</i>	<i>Name</i>	<i>Designation, Organization</i>	<i>City</i>
M-301	Mr Swamy Narendra Koppula	Engineering Manager, L&T EDRC	Navi Mumbai
M-302	Mr Ajay Kumar Singh	Senior Manager (Bridges), ICT Pvt Ltd	Ghaziabad (UP)
M-303	Mr Md. Liakat Ali	DGM, ICT Pvt Ltd	New Delhi
M-304	Mr Mihir Kumar Singha	Sr. Structural Engineer & GM, ICT Pvt Ltd	New Delhi
M-305	Mr Mrinal Kayal	Sr. Manager (Design), ICT Pvt Ltd	Kolkata
M-306	Ms Rasika Bagde	Dy. Manager (Design), ICT Pvt Ltd	New Delhi
M-307	Mr Sushilkumar R. Jaiswar	Sr. Engineer (Design), ICT Pvt Ltd	Wardha (Maharashtra)
M-308	Mr Aman Prakash	Structural Engineer, ICT Pvt Ltd	New Delhi
M-309	Ms Agnimita Das	DGM (Bridge), ICT Pvt Ltd	New Delhi
M-310	Ms Sayanika Das	Manager (Bridge), ICT Pvt Ltd	New Delhi
M-311	Mr Mahendran E.	Structural Consultant, Anugraha Design Consultant	Tirunelveli (TN)

“Associate Member” Grade

<i>M/S No</i>	<i>Name</i>	<i>Designation, Organization</i>	<i>City</i>
AM-330	Mr Akashdeep	Bridge Engineer (AE), ICT Pvt Ltd	Muzaffarpur (Bihar)
AM-331	Mr Aseem Rastogi	Sr. Manager, ICT Pvt Ltd	New Delhi
AM-332	Mr Gaurav Anand	Sr. Bridge Design Engineer, ICT Pvt Ltd	New Delhi
AM-333	Mr Manish Kumar Singh	Assistant Bridge Engineer, ICT Pvt Ltd	Kushinagar (UP)
AM-334	Ms Shivangi Sharma	Asst. Manager at ICT Pvt Ltd	Faridabad
AM-335	Mr Sujay Chowdhury	Manager (design) at ICT Pvt Ltd	New Delhi
AM-336	Mr Ravi Ranjan Kumar Singh	Partner, Structure Design Studio	New Delhi
AM-337	Mr Arun Kumar	Design Engineer, ICT Pvt Ltd	New Delhi
AM-338	Mr Sonu Kumar	Asst. Bridge Engineer, ICT Pvt Ltd	Jehanabad (Bihar)
AM-339	Ms Smita	Structural Engineer, ICT Pvt Ltd	New Delhi
AM-340	Mr Abhishek Sarkar	Design Engineers CPK & Associate	Howrah (WB)
AM-341	Mr Bablu Gautam	Design Engineer at Avadh Estate & Consultants	Lucknow



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 <http://www.iastructe.co.in/membership-form.html> ; For more information and other details contact the Indian Association of Structural Engineers Secretariat