



Message from the President



Dear Members,

Welcome to this October issue of our Newsletter, which is our regular monthly round-up to keep IAStructE members up to date on our latest activities and to look ahead to future initiatives and events.

The month of October is one of the best month in a year when monsoon gets over and winter doesn't set-in. It is a festive season that puts everything into hibernation as people usually flock together and enjoy all the festivals, starting from Navratri, Durga Puja, Dussehra, Lakshmy Puja and followed by Diwali. Though COVID 19 has dampened the celebrations significantly this year, but still people found their own ways to celebrate within small groups maintaining social distance.

Coming to the activities of IAStructE, as I write this message on the last day of the month of October, I derive lot of satisfaction from our successful conclusion of a very informative and educative lecture course on cable stayed bridges, which was a roaring success. IAStructE also hosted two webinars in this month and both the webinars were very well received by the structural engineering fraternity. One was about the Morandi Bridge Collapse delivered by me and the other was on Wind Engineering of Long Span Bridges-Part II, delivered by Dr K Suresh Kumar from RWDI.

Our plan to release the Commentary on IRC 6 – 2017 by 15th October 2020 unfortunately could not be materialised due to technical reasons. The document is now finalised and is given to printer. We plan to release this document by 15th November. We are also planning for our next on-line short course on Fatigue Design of Steel, Composite and Concrete Bridges.

Well I am pretty close to the end of my term as President of this association. I have few more months to hold on to this office. It is time for someone else to take this responsibility and take this esteemed association to greater heights. I look forward to an interesting series of events and to some exciting and insightful outputs in the coming months and years.

With best wishes & Warm Regards

ALOK BHOWMICK

IAStructE Publication Committee	Newsletter Editorial Team
Chairman : Er. Manoj Mittal Members : Er. Alok Bhowmick Er. (Dr) S Chatterjee Er. (Dr) Abhay Gupta Er. A K Sharma Prof. R Pradeep Kumar Er. Rajiv Ahuja Er. Amandeep Garg Er. (Ms) Anal Sheth	Chief Editor : Er. (Ms) Anal Sheth Members : Er. Manoj Mittal Er. Bhavin Shah Er. Rajiv Ahuja Er. Maulesh Shah

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Call for Papers for THEME based issues of SED Journal

The Governing Council invites article contributions for the forthcoming issues of the Structural Engineering Digest. SED Editorial Board has decided to bring out theme issues of the journal on following themes. These issues of the DIGEST shall be published in E-Book Format.. A GUEST EDITOR is associated with each theme issue. Details are as under:

October – December 2020 issue; Guest Editor- Sh. Manoj Mittal

Theme: Professional Issues confronting Structural Engineering

- Sub themes:**
- Civil /structural engineering education & training
 - Qualification/competence standards for professional practice
 - Capacity building of professional Engineers
 - Noncompliance of Codes & standards
 - Regulation of engineering profession
 - Selection & Appointment of Consultants
 - Licensing & registration system
 - Ethics & Code of conduct
 - Professional fee & unhealthy competition
 - Structural Engineers as lead consultants

This issue shall be published by December end. You may send the abstract of your paper on any of the above sub themes or related area along with your photograph and brief resume latest by November 15, 2020 and full paper by December 7, 2020.

January – March 2021 issue; Guest Editor- Mr. Rajiv Ahuja

Theme: Bridge Foundations

- Sub themes:**
- Deep Well and Pile Foundations for river bridges
 - Foundations for flyovers and underpasses
 - Seismic Analysis and Design of foundations
 - Open Foundations in Soft clays with ground improvement
 - Liquefaction affecting foundation design
 - Soil Foundation Interaction
 - Load Testing of foundations
 - Construction challenges in bridge foundations

The abstract on any of the above sub themes or related area along with your photograph and brief resume may be sent latest by 10th December 2020 and full paper by the end of December 2020.

April - June 2021 issue:

Guest Editor-Dr K G Bhatia

Theme: Machine Foundation

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

Interested authors/ contributors may kindly mail to iastucte@gmail.com regarding i) Broad guidelines on areas of coverage; ii) size of the article; iii) format of paper submission; iv) the dates for submission of the abstract and Full paper.

As per the laid down procedures all the papers (except invited 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 National Awards 2020 – CALL FOR NOMINATIONS

IAStructE is conducting the National Awards Competition for the year 2020 and inviting the nominations for the following categories of the Awards.

1. OUTSTANDING STRUCTURE OF THE YEAR (Two Awards)

- i) Buildings including, residential & commercial buildings, hospitals, schools etc.,
- ii) Other structures such as Bridges; Large span space structures for sports, exhibitions etc.; industrial structures; monuments

2. PROMISING YOUNG STRUCTURAL ENGINEER AWARD

3. OUTSTANDING STRUCTURAL ENGINEER OF THE YEAR AWARD

4. OUTSTANDING WOMAN STRUCTURAL ENGINEER AWARD

5. BEST M.TECH THESIS IN STRUCTURAL ENGINEERING AWARD

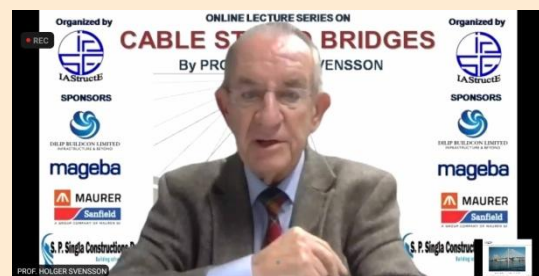
The last date for submitting the NOTICE OF INTENT to enter for the OUTSTANDING STRUCTURE AWARD was 31st October 2020. However, the nominations for other categories may be sent latest by 30th November 2020.

The nomination forms for applying in any of the above categories can be downloaded through the following link <http://iastructe.co.in/iastructe-national-awards-2020.php>. Selection Criteria and Instructions and terms are specified in the nomination forms.

Webinars Conducted

1. The webinar series titled "**Lecture Series on Cable-Stayed Bridges**" based upon the 30 recorded lectures of Prof. Dipl. –Ing. Holger Svensson, a renowned and eminent Bridge Engineer, author of a famous book titled '**Cable-Stayed Bridges**' organized during 05 September 2020 to 21st October 2020.

This series was launched on 05 September 2020 where Prof. Holger Svensson joined us live and shared his professional journey and personal experience with Cable Stayed Bridges. Also during the concluding session on 21st October 2020, Prof Holger Svensson gave the presentation on the topic "Aesthetic Guidelines for Cable Stayed Bridges". Both the lectures were recorded by IAStructE, which can be seen through the following link : https://youtu.be/B3JxOPw_z6M ; <https://youtu.be/GkwWOgMMIkE>



The lectures were held 2 days in a week and each set of recorded lectures was followed by live panel discussion with expert panel of bridge experts and many others. Dr. Harshavardhan Subbarao, GC member IAStructE & CMD Construma Consultancy was the Moderator of the Lecture Series. There were 357 registered participants (out of which five from USA, two from UK, Malaysia and Nepal, one from Bangladesh, Indonesia, Panama, Saudi Arabia and UAE). Each

2. The Tale of MORNADI Bridge Collapse, Italy, by Mr. Alok Bhowmick, President IAStructE and MD, B&S Engineering Consultants Pvt Ltd organized on 15th October 2020 through Zoom webinar. The recorded presentation can be seen at the following link: <https://youtu.be/KBcU5h-0ftQ>. Prof Mahesh Tandon, Guest Professor, IIT Gandhinagar Past President & GC member IAStructE was the Moderator. The panelists were Dr Harshavardhan Subbarao, GC member IAStructE C&MD, Construma Consultancy Pvt. Ltd., Mumbai and Dr Agostino Marioni, *Chairman, Hiron International, Taiwan*



3. Wind Engineering For Long-Span Bridges - Part 2 by Dr. K. Suresh Kumar, Principal / VP – Global Wind Engineering Consultant, RWDI organized on 28th October 2020 through Zoom webinar. The recorded presentation can be seen at the following link: <https://youtu.be/vYPYWuKCwlc>.

Dr. Prem Krishna, Former Professor, IIT Roorkee was the moderator. The panelists were Prof Mahesh Tandon, Guest Professor, IIT Gandhinagar Past President & GC member IAStructE Dr Harshavardhan Subbarao, GC member IAStructE C&MD, Construma Consultancy Pvt. Ltd., Mumbai and Dr Lakshmy Parameswaran, Chief Scientist at Bridge Engineering and Structures Division of CSIR- CRRI.



As you are aware that IAStructE is undertaking the task of preparing the professional documents and the commentary of various BIS and IRC codes, so that the practicing structural engineers can understand the code better and comply with the requirements of the code with confidence. Under this activity the IAStructE has published the following documents:

1. Commentary with Worked Examples for IRC:6-2017 : IAStructE is pleased to announce publication of Commentary with Worked Examples for IRC:6-2017, the IRC code for Loads & Load Combinations for design of Highway Bridges. The commentary and the Illustrative worked examples are printed in two separate volumes. Volume-1 of 2 pertains to the Commentary while Volume-2 of 2 pertains to Illustrative Worked Examples, which has 48 worked examples demonstrating application of various codal clauses.

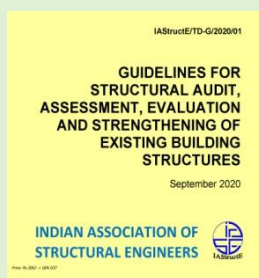
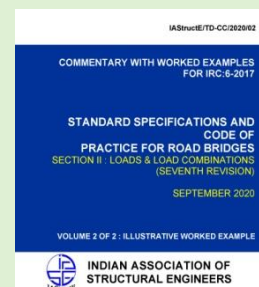
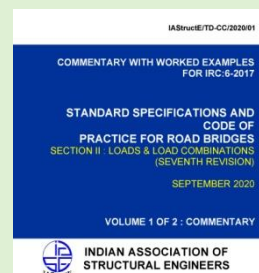
The documents are under print and will be available for Sale with effect from 15th November 2020 @ Rs 1200/- + 18% GST for Volume 1, and @ Rs 800/- + 18% GST for Volume II. Members of IAStructE and IRC will be entitled for a discount of 10% on this amount. Interested professionals who wish to purchase the commentary may kindly register with the following link : <http://iastructe.co.in/new-iastructe-publication.php>.

2. Guidelines for Structural Audit, Assessment, Evaluation and Strengthening of Existing buildings Structures

: IAStructE has published this document to guide structural engineers in proper assessment of building structures before issuing structural stability certificate. This guideline may be used by IAStructE members, all other structural engineers, house owners, housing society welfare associations, clients and corporation engineers for 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 read the document by following the link. <http://www.iastructe.co.in/guidelines-for-structural-audit/>

The price of this e-document is Rs 236/- (Rs 200 + Rs 36/- as 18% GST). Interested professionals who wish to obtain the soft version of the Guideline in pdf format, kindly register with the following link to obtain this Guideline in pdf format. Registration Link: <http://iastructe.co.in/guidelines-for-structural-audit.php>

3. Clause wise Commentary on IS: 13920 : This document has been finalised after wide ranging consultations & debate amongst civil & structural engineering fraternity. A workshop was also organised to discuss and debate various comments received from engineers. The Commentary has already been sent to the Bureau of Indian Standards for further action. The commentary is available on www.iastructe.co.in under IAStructE Professional Documents. IAStructE member can access this document after login.



New IAStructE Members

FELLOW" Grade Members

M/S No	Name	Designation, Organization	City
F-467	Mr. Venkataramana N. Heggade	CEO, STUP Consultants	Mumbai

"MEMBER" Grade Members

M/S No	Name	Designation, Organization	City
M-287	Mr. Ankur Agarwal	Co-founder / Partner, Stellar Engineers	Aurangabad
M-288	Dr. (Ms) Dwarampudi Manasa	Associate Professor & HOD, Department of Civil Engineering , GVP College of Engineering & Technology	Visakhapatnam

"ASSOCIATE MEMBER" Grade Members

M/S No	Name	Designation, Organization	City
AM-306	Mr Nishad Kilkarni	Co-founder / Partner, Stellar Engineers	Aurangabad
AM-307	Mr Akhil S Raju	Structural Engineer, MS Construction	Kerala
AM-308	Mr Manan S. Shah	Asst. Manager, Gammon Engineers & Contractors Pvt Ltd	Botad (Gujarat)
AM-309	Mr Siva Rama Krishna Indirala	Structural Designer, SKI Detail LLC	Visakhapatnam
AM-310	Mr Arun P. V.	Asst. Engg. Manager, L&T Construction	Mandya (Karnataka)
AM-311	Mr Jaspreet Singh	AE(Civil) at National Agri-Food Biotechnology Institute	Mohali
AM-312	Mr Jerinmon George Geevarghese	Asst. Const. Project Manager MWQ Trad & Cont. LLS	Kerala
AM-313	Mr Shuaib Rana	Managing Director MSF Engineering Solutions	New Delhi
AM-314	Mr Sudip Ghosh	Manager, Fortress Infracon Ltd	Kolkata

"STUDENT MEMBER" Grade Members (147)

13 – L.E College Morbi, Gujarat	36 – P S R Engineering College, Tamil Nadu
7 – IIIT Hyderabad	53 – Amity University, Noida
24 – Rajarambapu Institute of Technology, Maharashtra	1 – Rashtreeya Vidyalaya College of Engineering, Bangalore
1 – Dr. J. J. Mogdum College of Engg (walchand College of Engg), Maharashtra	8 – Delhi Technological University
1 – Noida International University	1 – Shri G S Institute of Technology & Science, Indore
1 – NMIMS University, Mumbai	1 – Shadan College of Engg & Tech, Hyderabad

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.

How to become a member ?

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

IAStructE 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. [Released]
- 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

Indian Association of Structural Engineers

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