

**MESSAGE FROM THE PRESIDENT**

Dear Members,

Warm Greetings!!

Hope you must be keeping safe. In view of emergence of new variant of corona virus and uncertainty associated it, it is particularly important for all of us to keep your guards up. As usual this month was also quite eventful for the association. Reports of various activities is included in this newsletter. 96th Governing Council meeting was held on first December through virtual mode. In all 20 GC members participated in this meeting. During this meeting overall working and progress of the association was reviewed. It was decided to focus on our eastern, western & northern regions. Further it was felt that we need to strategize our work on membership, professional issues, and international collaborations front. I am happy to intimate that now in person/online interaction has been introduced for membership. Process to initiate written assessment test is also being explored. Work on many new refresher courses & webinars is in progress. Very soon you will see our webinars in quite different format.

I encourage you to suggest new topics for such events. If you wish to suggest names of speakers or you yourself want to deliver any lecture, do contact us. We will be happy to organise it. You may also contribute a technical paper for our upcoming SED issue which is based on "Durability of Structures". Editorial board will be happy to consider it. I would be happy If you can encourage few of your structural engineering friends to join the association.

Looking forward to your suggestions.

Best regards

Manoj Kumar Mittal
President-IAStructE

FROM THE EDITOR'S DESK

Happy and Merry Christmas to all the readers!!

This month issue covers all the activities organized by HQ along with the student chapters and regional center activities. Request the members to contribute technical articles and case studies to the SED journal based on the themes specified, Happy to inform you that, we have received good response for the awards and the committee has started the evaluation process.

Do follow, subscribe and like IAStructE events on all digital platforms.

Thanks & Regards,

Dr. Visalakshi Talakokula

CONTENTS

- Webinars / Events Conducted	- 2
- Governing Council Meeting	- 3
- Message from Social Media Committee	- 4
- Call for Papers for the SED journal	- 4
- IAStructE Publications	- 6
- Members Achievement	- 7
- New IAStructE members	- 7
- About IAStructE	- 8
- Membership Benefits	- 8
- How to become a member?	- 8

WEBINARS/ EVENTS CONDUCTED

1. Webinar on “Bridge Bearings”

The webinar on “Bridge Bearing ”was organized on 26th November 2021 through Zoom.

Speaker: Prof. Achyut Ghosh, Professor & Independent Consultant

Moderator: Mr. V. N. Heggade, Former CEO, STUP Consultants Pvt Ltd & Fellow, IAStructE

Panelist:

Mr. Alok Bhowmick, Chairman, Professional Development & Technical Events Committee and Immediate Past President IAStructE welcomed all the participants & speakers

The webinar can be viewed at the following link: https://youtu.be/YBu_qwOt800



Fig.1. Glimpses from the webinar

2. IAStructE DTU Student Chapter Activities

a) Lecture on the topic "Current Market Trends in Construction with Sustainable Practices for Future”

Date: 13th November 2021 through Google Meet.

Speaker: Ms. Anamika Kadam, Deputy General Manager Civil, Larsen & Turbo, GC Member IAStructE

b) Lecture on the topic "Application of Piezo Sensors in SHM”

Date: 18th November 2021 through Google Meet.

Speaker: Dr. Visalakshi Talakokula, Professor, Department of Civil Engineering, ECOLE Centrale School of Engineering, Mahindra University, and Secretary IAStructE

Workshop Supported by IAStructE

IAStructE as a professional organization supported “National workshop on Prefabricated Buildings and constructions” organized by JNTU Hyderabad and NIT Warangal. The workshop was held in hybrid mode and had seen good number of professionals who joined in person. Eminent speakers from industry (ACC, MAHA, Robomatics, Dextra etc), academics (IIT Hyderabad, NIT Warangal) and research organization’s (CSIR-CBRI) has presented the latest developments related to materials, codal provision and most importantly the joints which are vulnerable in precast constructions.

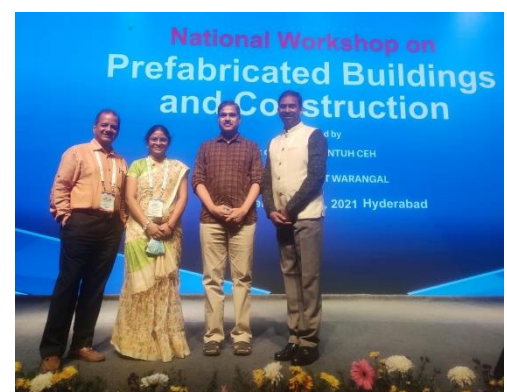


Fig.2. Glimpses from the workshop

IAStructE Governing Council Meeting

The 96th Governing Council meeting of IAStructE was held virtually on 01 December 2021 through Zoom. Attended by 20 members from different parts of the country. It was a very fruitful meeting in which various decisions were taken and the progress of the various committees was reviewed.

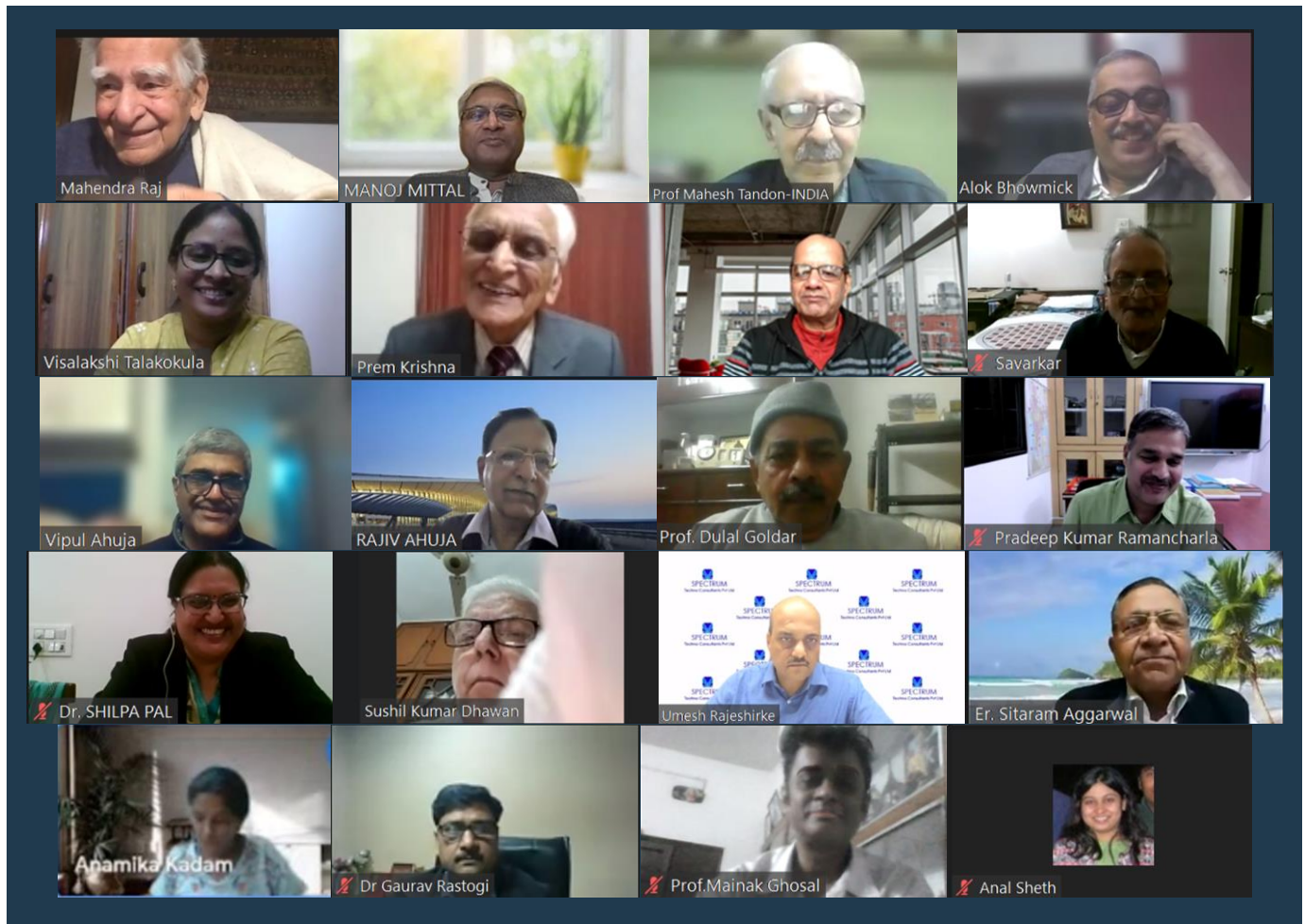


Fig.3. Glimpses from the meeting

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

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 themes, which shall be published in e-book format. Details are as under:

October – December 2021 issue: Theme: Durability of Structures

Guest Editor- Mr Aman Deep Garg, Member IAStructE & Director, Creative Design Consultants & Engineers Pvt Ltd.

Sub-themes:

- Durability for PT structures for pre-stressing tendons
- RCC buildings/ structures with concrete surfaces exposed to environment
- Measures for Existing RCC buildings having High Chloride contents in reinforced cement concrete
- Measures for Existing RCC Bridges having exposure to aggressive environment caused by contaminated water/ air pollution
- Durability of RCC foundations exposed to aggressive soils/ ground water having high chlorides/ sulphates
- Durability for Steel Structures
- Durability for Composite structures having hot rolled steel inside the concrete jacket exposed to extreme environment
- Durability of masonry structures
- Comparative studies of durability for various types of reinforcements like TMT Steel, Stainless Steel, Coated steel bars, other new reinforcement materials for concrete.
- Any other related research findings for maintenance free, durability of structures.

Interested members may send the full paper on any of the above Themes / Sub-themes or related areas with their photograph and brief resume of authors/co-authors latest by 10th December 2021.

January – March 2022 issue: Theme: Precast and Prefabricated Structures

Guest Editor-Dr. Gaurav Rastogi, GC Member IAStructE & Proprietor – Gaurav & Associates

Sub-themes:

- Environmental impact on precast concrete structures
- Precast concrete structures
- Prefabricated structures
- Performance of precast structures
- Performance of precast structural connections
- Achieving sustainability with precast concrete
- prefabrication
- Eco-efficiency and building optimization, potential of prefabricated structures

Interested professionals may send the abstract along with their photograph and brief resume by 15th December 2021 and full paper by end of January 2022 or at the earliest convenience.

April – June 2022 issue: Theme: Precast Segmental Bridges - State of The Art

Guest Editor- Mr.Alok Bhowmick, Immediate past President IAStructE

Sub Themes:

- Planning & Conceptual Design
- Construction
- Bridge Deck Erection Issues
- Detailed Design Considerations
- Failure Case Studies
- Rehabilitation Case Studies
- Structural Health Monitoring & Maintenance Issues
- Casting, Handling and Storing Precast Segments in Casting Yard

Interested professionals may send the abstract along with their photograph and brief resume by 15th December 2022 and full paper by end of March 2022 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.

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.

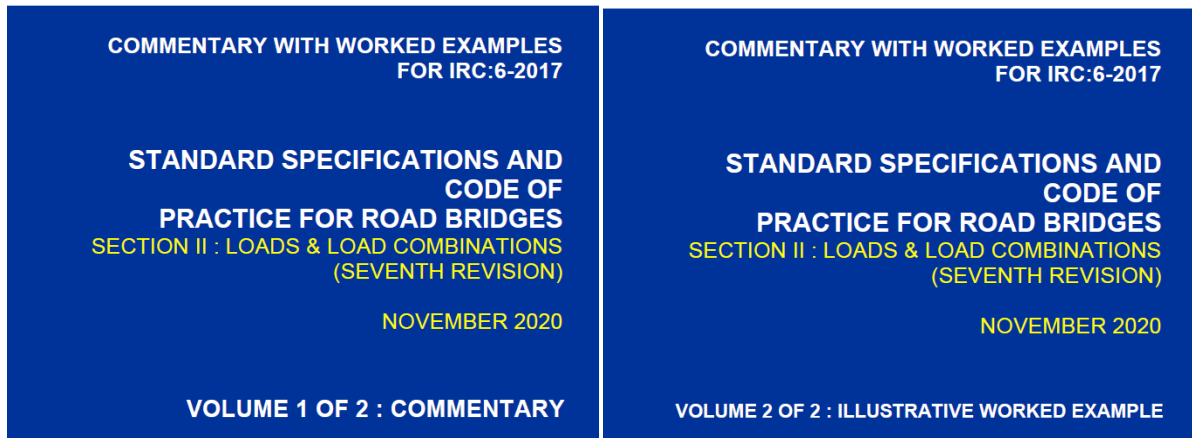
As per the laid down procedures all the papers shall be sent to the referee for review and the comments will be informed to the authors for incorporating the same. Papers shall be published after peer review & approval of SED editorial board.

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

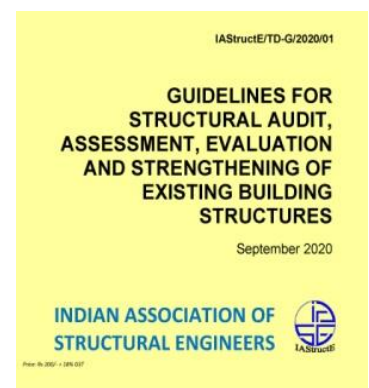


It's a priced document and hence not freely downloadable.

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.

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.

MEMBERS ACHIEVEMENT



Dr. K. G. Bhatia, Life Fellow IAStructE and CEO, D-CAD Technologies has been unanimously selected for the IIT BHU Lifetime Achievement Award by the governing body of IIT BHU Alumni Association for the year 2021-22 for his extraordinary achievements and outstanding contributions in the field of fundamental and allied areas of engineering disciplines. The award function will be organized on 18th December 2021 at PHD Chamber of Commerce & Industry, New Delhi

We, on behalf of the governing body of IAStructE and on behalf of Members of IAStructE, extend our hearty congratulations to Dr. K G Bhatia for his being conferred this Alumni Excellence Award

NEW MEMBERS

“Fellow” Grade

<i>M/S No</i>	<i>Name</i>	<i>Designation, Organization</i>	<i>City</i>
F-504	Mr. Qasim Jan	General Manager - Design, KEC International Ltd	New Delhi
F-505	Mr. Sachin Gupta	Lead Engineer at Jacobs,	Dubai
F-506	Dr. M. P. Ramnavas	Executive Director (Design) Maharashtra Metro Rail Corporation Ltd	Nagpur
F-507	Mr Sarabjit Singh	Proprietor, Manzil Structural Designers & Consultants	Jalandhar

“Member” Grade

<i>M/S No</i>	<i>Name</i>	<i>Designation, Organization</i>	<i>City</i>
M-321	Mr Ajay Tejrao Dhone	Assistant General Manager (Design), Tata Projects Ltd,	Navi Mumbai
M-322	Mr. Thangapandian M.	Bridge & SE at Public Works Authority, Ministry of State of Qatar	Madurai

“Associate Member” Grade

<i>M/S No</i>	<i>Name</i>	<i>Designation, Organization</i>	<i>City</i>
AM-350	Mr. Akarsh Rastogi	Structural Engineer at M/s Gaurav & Associates	Meerut(UP)
AM-351	Mr. Mohd. Asif	Structural Engineer at Design Eco Studio	Haridwar
AM-352	Mr. Sankesh Suresh Kholker	Junior Engineer at IIT Goa	Goa

“Student Member” Grade

<i>M/S No</i>	<i>Name</i>	<i>Institution</i>	<i>City</i>
SM-809	Mr. Anup Subhash Kotekar	Sardar Patel College of Engineering	Mumbai



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