



IAStructE

news letter

Newsletter of the Indian Association of Structural Engineers

June 2018 Issue

In This Issue

- About IAStructE
- From the President's Desk
- Recent Activities
- Forthcoming event
- Structural Engineering Digest
- Member Achievements
- New IAStructE Members
- IAStructE membership benefits
- Call for advertisements
- Call for technical articles

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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 it's 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.

From the President's desk



Dear Friends,

Recently we concluded our Refresher Course on "Design of Tall Buildings". It was very well received by the participants like previous courses. Concluding lecture was delivered by Prof C V R Murty of IIT Jodhpur. Another half day Seminar on IRC: SP: 114-2018 was successfully organized at New Delhi in which about 70 delegates from various organizations were participated. I am delighted to see such an enthusiastic response from fraternity.

As already informed, we are now in the process of finalizing the schedule of the next Refresher Course on "Concrete Bridge Design Using – Code of Practice for Concrete Road Bridges (IRC 112)", which shall be launched on 18th August 2018 at PHD House, New Delhi. You will get the details soon. Prof Mahesh Tandon shall be the course coordinator.

Various other events are also in pipeline and details shall be announced very soon. Some of these are also listed in the Newsletter. You are requested to attend these programs and also disseminate the information to your colleagues.

The progress of publishing the Structural Engineering Digest (SED) for July 2018 issue is in the final stages and we hope to publish this journal by the end of July. Meanwhile, I would request you to contribute articles, case studies & advertisement for the next issues. You shall be happy to know IAStructE is preparing IS: 1893 part-1 code commentary which is likely to be finalized in next six months.

Our Governing Council is working very hard to take IAStructE to next higher level. We are also planning to organize technical events in other parts of India. Your views, comments, and suggestions on various aspects of IAStructE are welcome.

Best Regards



Manoj Mittal

Recent Activities

Technical Lecture

1. A Technical Lecture by Mr Rajeeb Kumar, General Manager, Zonal Head – Technical, North Zone, UltraTech Concrete on the topic "New Age Concretes" was organized on 28th June 2018 CDC, India Habitat Centre, Lodhi Road, New Delhi.

Refresher Course on Design of Tall Buildings

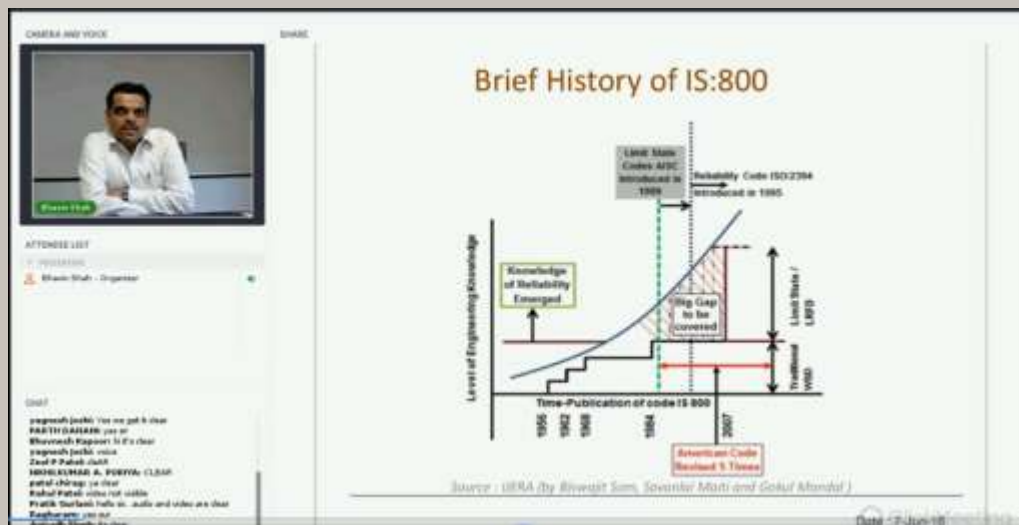
The refresher course was organized from 28th April 2018 to 23rd June 2018 at PHD Chamber of Commerce & Industry, PHD House, New Delhi 110016. This was a 32 Hrs course with lectures held on Saturday mornings from 9.00 am to 13.15 hrs. It was attended by 65 participants from various organizations. The course was supported by Jindal Steel & Power Ltd. Mr S C Mehrotra was the Course Coordinator. The course was very well appreciated by all the participants. Lectures were delivered by the following eminent speakers.

1. Prof. Mahesh Tandon, Managing Director, Tandon Consultants Pvt Ltd
2. Mr. Vinay Gupta, Director & CEO, Tandon Consultants Pvt Ltd
3. Dr. Prem Krishna, Former Prof. I.I.T. Roorkee
4. Dr. Abhay Gupta, Director, Skeleton Consultants Pvt Ltd
5. Dr. A. K. Nagpal, Former Professor, IIT Delhi
6. Ms Sangeeta Wij, Managing Partner, SD Engineering Consultants LLP
7. Mr. Shekhar Ghate, Managing Director, Optimal Consultancy Services Pvt. Ltd.
8. Mr. Abhay Ghate, Chairman, Optimal Consultancy Services Pvt. Ltd.
9. Mr Nitin Gupta, Director, Arcop Associates (P) Ltd
10. Dr. Dulal Goldar, Former Principal, Delhi College of Engg.
11. Ms. AlpaSheth, Managing Director, VMS Consultants Pvt Ltd
12. Dr. Yogendra Singh, Professor & HOD, EQ Engg. Department, IIT Roorkee
13. Dr. Vinod Jain, Managing Director, Vintech Consultants
14. Mr Ravi Sundaram, Director, Cengrs Geotechnica Pvt Ltd
15. Mr. Vipul Ahuja, CEO & Director, Ahuja Consultants Pvt. Ltd.
16. Dr. C.V.R. Murty, Director, IIT Jodhpur



First Webinar on "IS 800 : 2007 & Software"

The webinar on subject "IS 800 : 2007 & Software" was organized by IAStructE Gujarat State Centre on 07 June 2018. The lecture was delivered by Mr Bhavin Shah, Chairman, IAStructE Gujarat State Centre. It was a houseful online event. There was participation from all parts of the country. About 250 participants registered from different parts of the country within few days as against maximum permissible seats of 25 nos. Hence, in view of the overwhelming response, the total number of seats was increased to 50 numbers to accommodate more participants. The registered participants have also suggested many interesting topics for the future webinars. The entire session have been recorded and uploaded on the you-tube for the benefit of the members, which was also circulated to all the members. The entire webinar by the following link can be viewed:
<https://youtu.be/oQ4RqwsrBKA>



Seminar on Introduction to New Guidelines for Seismic Design of Road Bridges (IRC:SP:114-2018)

The Seminar on Introduction to New Guidelines for Seismic Design of Road Bridges (IRC:SP:114-2018) was organized on 23rd June 2018 at PHD House, New Delhi. The event was supported by Indian Roads Congress and sponsored by Mageba Bridge Products Pvt Ltd, Resistoflex Dynamics Pvt Ltd and Sanfield India Ltd. It was attended by 70 participants from various organizations. The presentations were delivered by the following eminent speakers, who have also been involved in making this new guideline.

1. Dr. S. K. Thakkar, Former Professor, IIT Roorkee
2. Mr. A. K. Banerjee, Former Member (Technical), NHAI& Convenor, B-2 Committee of IRC
3. Dr. Lakshmy Parameswaran, Chief Scientist Bridges & Structures Division, CSIR-CRRI & Co-Convenor, B-2 Committee of IRC
4. Mr Aditya Sharma, Director -Highway & Structures, Ramboll India & Member Secretary, B-2 Committee of IRC
5. Mr. Rajiv Ahuja -Independent Consultant-Bridges & Highways, Member of B-2 Committee of IRC
6. Mr Alok Bhowmick, Managing Director, B&S Engineering Consultants Pvt Ltd & Member, B-2 Committee of IRC

Some Glimpses of the event



From left to right – Mr Alok Bhowmick, Dr A. S. Arya, Mr A K Banerjee, Prof S K Thakkar, Mr Manoj Mittal, Mr Aditya Sharma, Mr Rajiv Ahuja, Dr Lakshmy Parameswaran



Forthcoming event

Evening Seminar

Hilti India Pvt Ltd in Association with Indian Association of Structural Engineers (IAStructE) is organizing an evening Seminar on Evolving trends in Post-installed connections in Concrete to ensure safety under Seismic Conditions from 06:30 pm onwards on 27th July 2018 at PHD House, New Delhi. Details shall be announced soon.

Workshop at Chandigarh

Indian Association of Structural Engineers (IAStructE) in Association with Civil Engineers Academy & Research Centre (CEA&RC) is organizing a one day Workshop on Planning, Design and Construction of Elevated Grade Separator between Chandigarh & Kharar ", on 28th July 2018 at Mahatma Gandhi State Institute of Public Administration, Sector 26, Chandigarh. There is no registration fee for attending the workshop; however, prior registration is necessary to enable participation as the seats are limited. The registration can be done online by the following link <https://theghai.com/registration-form/>. For further details and enquiry and for your registration, you may like to contact Mr Jatin Singla Local Coordinator, from CEA&RC, Panchkula ho@theghai.com, Tel: 09914575200, 0172-2555529.

Refresher Course

Refresher Course on "**Concrete Bridge Design Using Code of Practice for Concrete Road Bridges (IRC 112)**" starting from 18th August 2018, which will be concluded on 06 October 2018. The lectures will be held on every Saturday morning from 9.00 AM to 01.15 PM. Each lecture will be of 2 hours. The venue shall be PHD Chamber of Commerce & Industry, PHD House, 4/2 Siri Institutional Area, August Kranti Marg, New Delhi. Course participation fee shall be Rs. 7,500/- for IAStructE members and Rs.10,000/- for non-members. In view of limited seats (maximum 80 seats) in the course you are advised to send your confirmation at the earliest possible, latest by July 30, 2018. For further details and enquiry and for your registration, you may like to contact the IAStructE Secretariat, Tel: 011-45794829, Email: iastructe@gmail.com

International Seminar

International Seminar on **Earthquake / Wind Resilience in Buildings and Bridges with Vibration Control – Base Isolation and Dampers** is scheduled to be held on 14-15 September 2018 at Civil Services Officers' Institute (CSOI), Vinay Marg, Chanakyapuri, New Delhi 110021. International experts from Japan and USA have already confirmed their participation. The experts will shed light on the latest technologies and trends in building earthquake resilience through vibration control.

Nominations have been invited to participate in the event. Please visit www.iastructe.co.in for more details or contact IAStructE Secretariat.

Structural Engineering Digest

The technical journal of IAStructE, Structural Engineering Digest (SED) shall be published in July 2018. The members and others engaged in the profession can contribute a technical article or case study on a topic of their choice relevant to Structural Engineering. The article, along with the photograph and brief resume of the Author may be sent to the Secretariat at iastructe@gmail.com.

Member's Achievement

Association of Consulting Civil Engineers-India(ACCE-I) organized the Annual Awards 2018 ceremony on 2nd June 2018 at Madurai, where **Mr S C Mehrotra**, *Past President IAStructE* was honored in the category "Innovative Design of Structure other than Industrial Structure & **Prof Mahesh Tandon**, *Past President IAStructE* was honored with "Gaurav Award" (Life Time Achievement Award).



Mr Subhash Mehrotra



Prof Mahesh Tandon

New IAStructE Members

"MEMBER" Grade Members

M/S No	Name	Designation, Organization	City
M-259	Mr Manoj Kumar Rajak	Dy. Director, Civil Engg, BIS	New Delhi

"ASSOCIATE MEMBER" Grade Members

M/S No	Name	Designation, Organization	City
AM-257	Mr Sandeep Tiwari	Structural Engineer, Sanrachna Consultants	New Delhi
AM-258	Mr Abhishek Pal	Scientist 'B', Civil Engg, BIS	New Delhi

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. [To be relaunched soon]

- 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

For membership information contact Indian Association of Structural Engineers Secretariat.

Call for advertisements

Advertisement sponsorship for the IAStructE Newsletter is invited.

For advertisement opportunities, please contact the IAStructE Secretariat.

Call For Technical Article(s)

Selected technical article(s) will be published henceforth in the IAStructE Newsletter. High quality technical articles, project reports, research work and case studies are invited for the purpose of knowledge sharing among structural engineering fraternity.