



IAStructE

news letter

Newsletter of the Indian Association of Structural Engineers

August 2018 Issue

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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 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 centers 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,

I am happy to inform you that our Refresher Course on "Concrete Bridge Design Using – Code of Practice for Concrete Road Bridges (IRC 112)", which was launched on 18th August 2018 is going well with 60 participants.

You are also aware that IAStructE is organizing an International Seminar on Earthquake / Wind Resilience in Buildings and Bridges with Vibration Control – Base Isolation and Dampers scheduled to be during 14-15 September 2018 at CSOI, Chanakyapuri, and New Delhi. The Speakers from Japan, USA and other countries are invited to deliver the lectures on the latest technologies and trends in building earthquake resilience through vibration control. You are requested to register for the same and encourage other engineers from your organization to register for the same. You may also circulate the message about the seminar to your contacts. IAStructE Secretariat may be contacted for more information.

I am pleased to inform you that the July-September issue of Structural Engineering Digest (SED) is in under print and you will get the copy of the journal very soon. Meanwhile, I would once again request you to contribute articles, case studies & advertisement for the next issues.

You are requested to circulate the information of the upcoming events among your contacts & engineers friends who may be interested in attending these technical events. 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. S. K. Dhawan, Former Chief Engineer, and CPWD on the topic "Advancement in Concrete Technology" was organized on 23rd August 2018 at CDC, India Habitat Centre, and Lodhi Road, New Delhi.

IAStructE Student Chapter Launched at MCET, Hyderabad

Official launch of IAStructE-Student Chapter at Methodist College of Engineering and Technology (MCET), Hyderabad was held on Friday, 10th August 2018 by Shri. S.P. Anchuri, Vice President (South), IAStructE and Prof. R. Pradeep Kumar, IAStructE Chairman, Telangana State, in the presence of Prof. M Lakshmpathi Rao, Director, MCET, Prof. Akshay Naidu, Head of Civil Engg Dept. MCET and Mr. E Rohit Raj, Convener of Student Chapter.

Followed by the launch, a Technical Summit on "Improving Aesthetics of Cities with Architectural Concrete" was organised by IAStructE Student Chapter of MCET. The summit was supported by RMCMA. Ar. Harish Vangara, Landscape Architect gave presentation on Architectural Concrete: Need, Applications and Case Studies and Ms. Rupali Bharambe, Proprietor, Rishika Enterprises gave lecture on Case Studies in Stamped Concrete. Followed by that a Road show coordinated by Er. C. Yedukondalu, Technical Head, ACC Cements for AP & Telangana. Concluding remarks were given by Shir. Narsimha Reddy, RMCMA.

Over 200 students participated enthusiastically in the event and interacted with the speakers throughout the event.

Some Glimpses of the event



Ongoing Event

Refresher Course

Refresher Course on “**Concrete Bridge Design Using Code of Practice for Concrete Road Bridges (IRC 112)**” has been launched on 18th August 2018 at PHD Chamber of Commerce & Industry, PHD House, 4/2 Siri Institutional Area, August Kranti Marg, New Delhi. The course will continue till 06 October 2018. The lectures are being held on every Saturday morning from 9.00 AM to 01.15 PM. Prof Mahesh Tandon is the Course Coordinator. 60 delegates have registered for participating in the course.



Forthcoming event

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. Also Indian experts who are familiar with the subject will also be invited to share their experience. These experts will shed light on the latest technologies and trends in building earthquake resilience through vibration control. and to deliver the lectures on the following topics:

- i) Global Trends in Vibration Control - Recent earthquakes and next concept for earthquake design including Case Studies
- ii) Performance of Buildings with and without Vibration Controlled Devices during major Earthquakes including Case Studies.
- iii) Quantifying Resilience in Buildings & Bridges as per FEMA &REDi
- iv) Performance of Bridges in major earthquakes with and without vibration control devices during major Earthquakes/ wind events including Case Studies
- v) Formulation of Indian Code on Vibration Control--Emulation and Value Addition

Interested professional may contact IAStructE Secretariat (iastructe@gmail.com) for further details or visit www.iastructe.co.in for downloading the brochure. Registration fee shall be Rs. 8000/- for IAStructE members, Rs 5000/- for Students and Rs.10,000/- for non-members. Group discount of 10% shall be available in case there are more than 3 numbers of participants from the same organization.

Structural Engineering Digest

The technical articles, research reports, project report, case studies etc. on a topic of relevant to Structural Engineering are invited for future issues of Structural Engineering Digest (SED). The article, along with the photograph and brief resume of the Author may be sent to the Secretariat at iastructe@gmail.com.

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.