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NEWSLETTER OF THE INDIAN ASSOCIATION OF STRUCTURAL ENGINEERS

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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.



From the president's desk

Dear Friends,

I am pleased to inform you that on the basis of the encouraging feedback received from the participants of the previous refresher courses organized in the recent past, IAStructE is organizing a new Refresher Course on "Design of Tall Buildings" starting from 28th April 2018, which will conclude on 16th June 2018. There will be an expert faculty for each lecture. The members who have interested to participate should send their registration to the Secretariat at the earliest as we have limited seats.

You are also aware that we had recently revalidated the MoU with the Institution of Structural Engineers, UK (IStructE). You shall be happy to know that for the benefit to our members, a MoU has also been signed with the Japan Society of Seismic Isolation (JSSI). We are sure it will increase our visibility and benefit members. Efforts are on to sign such MOUs with other likeminded international professional bodies.

I also wish to inform you that our website www.iastructe.co.in has been updated. Now the feature "Member Login" has been added in the website. The members whose subscription is updated may activate their account on the website. In case of any difficulty, members may contact the Secretariat to activate the account. Members can have access to all IAStructE publications, Annual reports & newsletters etc.

IAStructE has also decided to revive its technical journal, Structural Engineering Digest (SED), starting with July, 2018 issue. It will be a quarterly technical journal of the Association. This will also provide a platform for sharing experience and knowledge of the leaders and for reporting the latest technical achievements/ advancements, as well as, the new tools and techniques available to the structural engineers. Your support by way of contributing technical articles, research reports, project report, case studies & advertisement etc. for publishing in SED shall be appreciated. Dr. S Chatterjee has accepted to lead this effort.

Do send your feedback and suggestions to further improve the Newsletter. Kindly contribute the articles, news and your achievements for publishing in the Newsletter.

Best Regards

Manoj Mittal

Recent Activities

Technical Discussion on IS 13920:2016

Technical Discussion on IS 13920: 2016 was organised by IAStructE Gujarat State Centre jointly with KACEA(Kutch Association of Civil Engineers & Architects Society) & Sanghi Cement on 17th February 2018 at Bhuj. The main focus of discussion was to highlight important clauses wherein greater interface is required between structural engineers & architects, importance of detailing in earthquake engineering, likely change in the trend due to the revised IS codes etc.



Technical Discussion on IS Codes of Earthquake Engineering (IS 1893 (Part 1) : 2016 & IS 13920 : 2016)

Technical Discussion on IS Codes of Earthquake Engineering (IS 1893 (Part 1) : 2016 & IS 13920 : 2016) was organized by IAStructE Gujarat State Centre on 24th February 2018 at Rajkot.. The major changes made in the codes as compared to earlier version were discussed in detail. Some of the important clauses were discussed and debated. Few of them are listed below:

- Plan and vertical Irregularities in buildings
- Consideration of cracked moment of inertia for columns and beams
- Drift control for flat slab buildings
- Effect of Unreinforced Masonry Infill walls
- RC structural wall plan density
- Soft storey& Weak storey
- Design of gravity columns
- Non-linear dynamic analysis
- Strong column-weak beam concept, etc.

MoU with Japan Society of Seismic Isolation

With the efforts of Mr Vipul Ahuja Governing Council member IAStructE during his visit to Japan the Memorandum of Understanding with the Japan Society of Seismic Isolation (JSSI) has been recently signed by its President Prof Akira Wada in Japan and by Mr Manoj Mittal President IAStructE in Delhi to pursue similar objectives pertaining to the profession of Structural Engineering in the two countries.



Click on the following link to view; <http://iastructe.co.in/MoU-with-IStructE-UK.pdf> AND <http://iastructe.co.in/MoU-with-JSSI.pdf>

Technical Lecture on Wind Engineering

The technical lecture on Latest and Greatest in Wind Engineering by Dr. K. Suresh Kumar, Principal and Managing Director, RWDI (India) was organized on 22nd March 2018 at Consultancy Development Centre, New Delhi.



Forthcoming events

Refresher Course on Design of Tall Buildings

Refresher Course on "Design of Tall Buildings" starting from 28th April 2018, which will be concluded on 16th June 2018. It will be a 32 Hrs. course (16 lectures of 2 hours each). The lectures will be held on every Saturday morning from 9.00 AM to 01.15 PM (with 15 mins. Tea break in between). The venue shall be PHD Chamber of Commerce & Industry, PHD House, 4/2 Siri Institutional Area, August Kranti Marg, New Delhi 110016. There will be an expert faculty for each lecture. Course participation fee shall be Rs. 7,500/- for IAStructE members 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. In view of limited seats (maximum 80 seats) in the course you are advised to send your confirmation at the earliest possible, latest by April 15, 2018. IAStructE Secretariat may be contacted for further details. Mr. S C Mehrotra Governing Council member will be Course Coordinator. For more information please visit <http://iastructe.co.in/Annoucement.pdf>

Forthcoming competitions

IAStructE-S C Mehrotra National Technical Paper Competition (Open Category)

IAStructE-S C Mehrotra National Technical Paper Competition (open category) for all Civil/Structural Engineering Professionals and Academicians on the theme "Earthquake Resistant Analysis and Design of Iconic Structures: Bridges, Multi-storey buildings, Industrial Structures (R.C.C. or Steel)" has been announced. Last date of submission of entry is 30th April 2018. Prize money is Rs. 40,000/-. Please visit <http://iastructe.co.in/> for more details click or paste the following link in your browser. <http://www.iastructe.co.in/Poster-Technical-Paper-Competition-open-to-all.pdf>

IAStructE-S C Mehrotra National Technical Paper Competition for Undergraduate/Post Graduate Students

IAStructE-S C Mehrotra National Technical Paper Competition for Undergraduate/Post Graduate Students of Civil/Structural Engineering on the theme "Technological Solutions for Affordable Housing" has been announced. Last date of submission of entry is 30th April 2018. Prize money is Rs. 10,000/-. Please visit <http://iastructe.co.in/> for more details click or paste the following link in your browser. <http://www.iastructe.co.in/Poster-Student-Technical-Paper-Competition.pdf>

The feature of member login in the association's website has been added. Now, The members whose subscription is updated may activate their account on the website. Members can have access to all IAStructE publications, Annual reports, Newsletters & proceedings of Seminar/Workshops. In case of any difficulty, members may contact the Secretariat to activate the account.

Visit www.iastructe.co.in

New IAStructE Members

"FELLOW" Grade Members

M/S No	Name	Designation, Organization	City
F-419	Mr Reji Zachariah	Managing Director, S & R Consultants	Kochi

"MEMBER" Grade Members

M/S No	Name	Designation, Organization	City
M-247	Mr. A. V. S. R. Raghu Ram	Dy. Manager, Adani Infra (India) Ltd	Ahmedabad
M-248	Mr Nizam Ali K.A.	Structural Engineer, Technicons Structural Consultants	Kochi

"ASSOCIATE MEMBER" Grade Members

M/S No	Name	Designation, Organization	City
AM-234	Ms. Anisha Annee	Jr. Engineer, Skeleton Consultants Pvt Ltd	Noida
AM-235	Mr. Shubhankar Petal	Design Engineer, Skelteon Consultant Pvt. Ltd	Noida
AM-236	Mr. Varun Singh Jain	Dy. Engineer (Structures), LEA Associates South Asia Pvt Ltd	New Delhi
AM-237	Mr. Sayan P. Chatterjee	Sr. Design Engineer (Bridges), LEA Associates South Asia Pvt Ltd	New Delhi
AM-238	Mr Harmanpreet Singh Bhattal	Assistant Manager-Railways, Delhi Integrated Multi Modal Transit System Limited (DIMTS)	Delhi

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.

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 re-launched 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.