



IAStructE

news letter

Newsletter of the Indian Association of Structural Engineers
September 2019

Message from the Chief editor

Dear Members,

This is with deep grief that I share with you the untimely demise of IAStructE President Sir Alok Bhowmick's daughter, Antara who was a young and budding professional yet to start and discover her path. The casualty happened due to the occurrence of a road accident. It is highly unfortunate and we stand by him and his family in these days of grief. Due to this happening, I use this space to share a few thoughts of mine.

Children and youth are the professionals and change makers of tomorrow. It is natural to expect that they will both learn from the works of the existing professionals and also maybe excel in their own way to find solutions to matters that are yet posing a challenge, safety being one of them.

The first student chapter of IAStructE has been established in September 2019 on Engineer's day and gives me a sense of the next level and next generation, their passion, their interests, their ambitions and their thinking of the structural engineering profession And in some ways these students supersede me. Our role however remains as faculty and as a professional and as a senior to provide, to mentor and to watch them.

As the IAStructE fraternity loses one child, and so dear, we extend our attention to the many others who may need us to hold their fingers to the path of professional enlightenment. I extend my most humble thanks to the governing council and the members who have allowed the participation of these siblings who have now joined us.

Warm regards and prayers,
Anal Sheth

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Technical Lecture on Expected remaining life of existing RC Structures

Technical Lecture by Dr. S. K. Dhawan, GC member IAStructE & Former Chief Engineer CPWD on the topic “Expected remaining life of existing RC Structures” was organized on 26th September 2019 at New Delhi.



Technical Lecture on Nano concrete

The Indian Association of Structural Engineers, Eastern India organized a Technical Lecture on “Nano-Concrete” on 25th September, 2019 in the Seminar Hall of Jadavpur University’s Construction Engineering Department from 5.15 PM to 6.15 PM. It was attended by the members of IAStructE, Faculty Members & Students of Construction Engineering Department, JU. The lecture was delivered by Prof. Mainak Ghosal: Hon’ry Secretary of Consulting Engineers Association of India- Eastern & North-Eastern India (CEAI - E & NE) & Jt.Secretary of Coal Ash Institute of India (CAII). Prof. Ghosal explained the complex issue of nanoscience, nanoengineering & nanomaterials in the cement concrete level and also shed light on why and what the construction industry should do to implement these industry 4.0 materials, i.e. from macro level concrete to nano concrete. The research results carried out by him for the fulfilment of his PhD, in association with the Indian Institute of Engineering Science & Technology, Shibpur was also discussed. He also stressed the fact that while globally application of these advanced materials is lauded the local acceptance is a different scenario, citing the cases of closure Tata Nano car factory & recently repaired Rabindra Bharati University’s Ramanujam Building, Kolkata B.T.Road campus using carbon fibers which comes out to be much more expensive than the current replacement cost of the building.





Refresher Course on "Application of New Seismic Code for Highway Bridges – IRC:SP:114-2018"

The Refresher Course on "Application of New Seismic Code for Highway Bridges - IRC:SP:114-2018" was organized from 24th August 2019 to 28th September 2019 at PHD House, New Delhi. This was a 24 hrs course with a lectures held on Saturday morning from 09:00 AM to 01:15 PM. Prof Mahesh Tandon, Past President & GC member IAStructE was the Course Coordinator. The course was sponsored by Sanfield (India) Ltd. It was attended by 90 delegates. The course was very well appreciated by all the participants. Lectures were delivered by the following eminent speakers:

- Mr. A. K. Banerjee, Convenor, B-2 Committee (IRC)
- Prof. Mahesh Tandon, MD- Tandon Consultants Pvt Ltd
- Dr. S. K. Thakkar, Former Professor, Earthquake Engineering and Railway Chair Professor in Bridge Engineering at IIT Roorkee
- Er. Alok Bhowmick, President IAStructE & MD - B&S Engineering Consultants Pvt Ltd
- Er. Rajiv Ahuja, GC member IAStructE & Independent Consultant - Bridges & Highways
- Er. Aditya Sharma, Director (Highway & Structures), Ramboll India
- Er. Vinay Gupta, Director & CEO - Tandon Consultants Pvt Ltd
- Dr Lakshmy Parameswaran, Chief Scientist (Bridges & Structures), CSIR-CRRI
- Dr. Sanjeev Kumar Garg, Chief Project Manager, DMRC
- Mr. Harpreet Singh, Sr. Project Manager, B&S Engg. Consultants
- Mr. P. G. Venkatram, Chief Executive, L&T Infrastructure Engineering Ltd

The Question Answer session was organized on 28th September 2019 the last day of lecture, in which Prof Mahesh Tandon, Course Coordinator given the answers to the query of the participants.



Ongoing event

Refresher Course on performance Based Design for Buildings & Bridges

The Refresher Course on “Performance Based Design for Buildings & Bridges” has been launched on 14th September 2019 at PHD House, New Delhi in the presence of Shri Mahendra Raj, Founder President IAStructE, Prof Mahesh Tandon, Past President IAStructE and Mr Alok Bhowmick, President IAStructE. The course will continue till 19th October 2019. The lectures are being organized on every Saturday. 55 delegates have been registered for the course. Mr Vipul Ahuja, Vice President (North) IAStructE is the Course Coordinator. Till now the following speakers have made their presentations:

- Mr. Vipul Ahuja, Vice President (North) IAStructE & CEO & Director, Ahuja Consultants P Ltd
- Dr. D. R. Sahoo, Associate Professor, Civil Engineering Department, IIT Delhi
- Dr. Yogendra Singh, Professor, Railway Bridge Chair, Department of Earthquake Engineering, IIT Roorkee
- Mr. Sandeep Donald Shah, Country Head & MD-Taylor Devices India



Forthcoming events

IAStructE is organizing a two day International Seminar on “Performance Based Design of Buildings & Bridges for Enhanced Seismic Resilience” during 08 - 09 November 2019 at PHD House, New Delhi. Registration fee shall be Rs. 10,000/- for IAStructE/CEAI members, Rs.12,000/- for non-members and Rs 6,000/- for Students. The GST @ 18% will be applicable on the Registration fee. An early bird discount of 20% shall be available on registration on or before 15th October 2019. Please note that the registration shall be done on first come first serve basis. For any details please contact Mr. Vikas Verma, Manager IAStructE, Tel: 011-45794829, Email: iastructe@gmail.com. For downloading the Announcement & Brochure please visit [iastructe.co.in](http://www.iastructe.co.in) or click on the following link <http://www.iastructe.co.in/Announcement-International-Seminar.pdf>

IAStructE Student Chapter at CEPT University

The Faculty of Technology at CEPT University, Ahmedabad inaugurated the establishment of the IAStructE student chapter on Engineer’s Day 15th September 2019. The announcement and inauguration took place on the event of Engineer’s day celebration on campus for which an august gathering of many important structural engineers of Gujarat and Mr. Girish Dravid, an eminent structural engineer known for his contributions in tall building sector and as India Chair of the Council of tall buildings and urban habitats were present. The student chapter consists of 40 new student members and 24 existing student members of the University. Prof. Anal Sheth, Life member IAStructE, is the faculty mentor for the chapter and its activities as approved by the governing council, IAStructE and Dean, Faculty of Technology, CEPT University.

The student chapter organized an expert lecture by Er. Kirankumar Joshi on 5th October, 2019. Mr. Kirankumar Joshi who is a structural engineer associated with UK based firm BuroHappold Engineering discussed on structural analysis, design, detailing and co-ordination involved in the various projects related to high rise residential & commercial towers, educational buildings, office and hotel buildings and recreation centres.

The student chapter is undergoing detailed planning of its activities that will include expert sessions and interactions, software learning sessions, short technical courses, visits and competitions. In addition they are in process of forming a platform where they can share the concerns of fresh engineers such as internship, knowhow and placement. The activities organized by the student chapter are open for structural engineering students of all institutes and engineers with 0 to 2 years of experience. On the launch of this platform, the various activities that are organized will be shared for outreach.

Call for articles

The Chairman and other members of the SED Editorial Board invite article contributions for the quarterly journal of the Indian Association of Structural Engineers, the Structural Engineering Digest.

Write to iastructe@gmail.com for

- Journal subscription
- Article Submission
- Sponsored Advertisement

Deadline for submission in next issue: 1st Nov. 2019. Submission template and ethics statement can be availed by emailing iastructe@gmail.com.

New IAStructE members

FELLOW” Grade Members

M/S No	Name	Designation, Organization	City
F-458	Ms. Renu Aggarwal	General Manager, Triune Energy Services Pvt Ltd	Delhi

“MEMBER” Grade Members

M/S No	Name	Designation, Organization	City
M-284	Mr. Mohammed Nauman	Manager (Design), Global Structure Solutions	Delhi
M-285	Ms. Durgesh Nandini Dharamkar	Assistant Professor & HOD (Civil), Mahatma Gandhi Mission's College of Engg. & Tech.	Noida

“ASSOCIATE MEMBER” Grade Members

M/S No	Name	Designation, Organization	City
AM-291	Mr. Aakash S.	Structural Engineer, Kaaveri Civil Engineers & Architects.	Thiruvananthapuram
AM-292	Mr. Roshan Ali	Design Engineer, Alex Associates	Delhi
AM-293	Mr. Shailendra Singh Sikarwar	Projects Head, CEMG Engineers & Consultants (P) Ltd	Agra (UP)
AM-294	Mr. Ganesh Kumar	Structural Engineer, Perceptions	Ghaziabad
AM-295	Mr. Ajinkya Maruti Dixit	Structural Engineer, HimanhuTulpule and Associates	Pune
AM-296	Mr. Armaan Gill	Jr. Design Engineer, Nirman Engineering Consultants Pvt Ltd	Faridabad
AM-297	Mr. Abdul Aziz	Graduate Apprentice ./ Engineering (Civil), Airport Authority of India	Assam

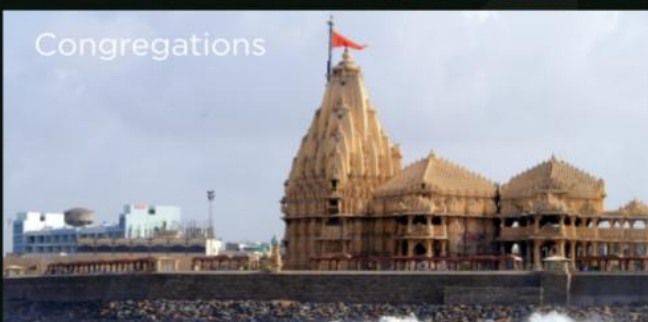
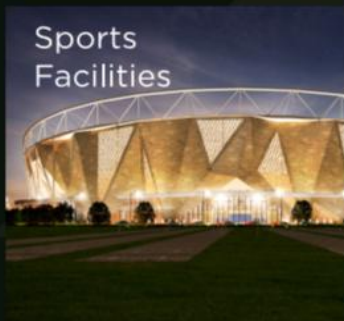
“STUDENT MEMBER” Grade Members

M/S No	Name	Designation, Organization	City
S-397	Mr Anayat Ali Allaie	Sharda University	Greater Noida

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About IAStructE

The 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.

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.

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

IAStructE Secretariat

Indian Association of Structural Engineers

K-69A , Basement, Kalkaji, New Delhi 110019