

Structural Engineering Convention 2018

19th - 21st December - 2018

Organized by

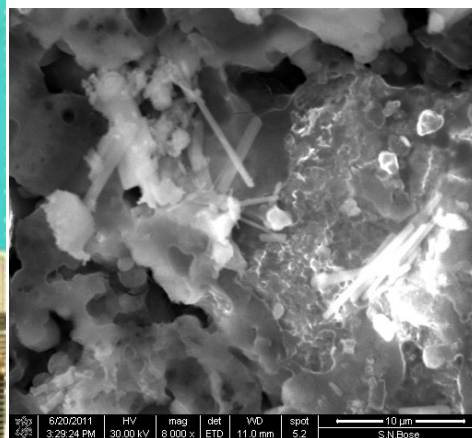
Civil Engineering Department

Jadavpur University

188, S C Mallick Road

Kolkata – 700032

West Bengal



ABOUT THE CONVENTION

The journey of Structural Engineering Convention (SEC) began in 1997 with the pioneering efforts of CSIR - Structural Engineering Research Centre (CSIR-SERC), Chennai and Indian Institute of Technology (IIT) Madras and the first event held at Chennai. It is a biennial national event, attracting a large number of structural engineers from India and abroad from both academia and industry. The journey continued through IIT Bombay, IIT Roorkee, IIT Kharagpur, IISc Bangalore, SERC- Chennai, Annamalai University, Chidambaram, SVNIT Surat, and IIT Delhi and CSIR - Structural Engineering Research Centre jointly with IIT Madras and Anna University, Chennai

The Eleventh Structural Engineering Convention 2018 (SEC 2018) will be organized by Department of Civil Engineering, Jadavpur University, Kolkata - 700032, during 19-21 December 2018. The objective of the convention (SEC-2018) is to provide a common platform for professional structural engineers, academicians and researchers in different fields of structural engineering and material, to make themselves abreast of the latest R&D trends, interact, exchange ideas and establish relationships with a view to further enrich the R&D activities in the area of structural engineering in the country and abroad. The suggested themes of the convention are listed for the benefit of the prospective authors and participants. Plenary session and special lectures will be delivered by eminent researchers and engineers in the field of structural engineering.

Department of Civil Engineering, Jadavpur University invite the structural engineering fraternity to participate and contribute immensely to make SEC-2018, to make it a grand success.

ABOUT CIVIL ENGINEERING DEPARTMENT

The Civil Engineering department started in the year in 1956. In last 44 years, the department has earned a high reputation. Nearly 5000 graduates of this department are serving the profession today around the globe. Apart from teaching and research, the symposia, short-term courses are provided. the department extends consultancy and testing services to the industry in different projects of national importance. The faculty members are known for their outstanding contribution to the discipline. A good number of Ph. D. students are working at present in different sponsored projects. At present, the department is involved in many prestigious projects as well as the department has sophisticated and computer controlled highly profile laboratory facilities. It also houses different audio-visual facilities as modern aids of teaching.

ABOUT JADAVPUR UNIVERSITY

JU achieved 1st position among all State universities, 5th position in the University Category & 12th position in overall category accorded by NIRF, MHRD Govt. India

Ranked 84th among the 200 best Asian universities in the Times Higher Education Asia University rankings 2016

Ranked 11th in EDU RAND [Engineering college Rankings 2015]

Jadavpur University has been ranked within Top 10 Indian Research Institutions as per report of International Comparative Performance of India's Research Base (2009-14)

Re-accredited by NAAC with a CGPA of 3.68 on a four point scale at A Grade for a period of five years from 24.09.2014

Ranked 10th in India, by Academic Performance (URAP) Research Laboratory 2012-13, considering academic indicators

Ranked 47th in the Times Higher Education-Thomson Reuters list of the 100 best universities in the BRICS and Emerging Economies, 2013

Recently celebrated a decade as a SYLFF institution

Jadavpur University students has won National Championship in the 14th National Youth Parliament Competition conducted by Ministry of Parliamentary Affairs, Govt. of India , New Delhi

CORE ORGANISING COMMITTEE OF SEC-18

Chairman - Prof. Somnath Ghosh

Joint Chairman

Prof. Arup Guha Niyogi , Prof Saroj Mandal and Prof. Dipankar Chakraborty

General Secretary

Prof. Partha Bhattachaya

Treasurer

Prof. Subhashish Roy Chowdhury

Convener of different committees

Prof. Kalyan Mandal, Prof. Sreyashi Paul (Das), Prof. Santosh Das, Prof. Amit Shiuly

REGISTRATION FEES			
Sl. No.	Delegate Category	Early Bird Registration (Before 31st October,2018)	Registration
1	IASE Members	7000	8000
2	Non IASE Members	8000	9000
3	Students	5000	5500
4	SAARC Countries	8000	9000
5	Others(Non-SAARC) Countries	US\$400	US\$450

The registration fees may be paid through e-payment or demand draft. Details regarding e-payment / demand draft will be made available in the convention web site shortly.

Sponsorship

Sponsorship or Co-Sponsorship is solicited from private, semi-government and government organizations involved in manufacturing, construction, consultancy and R&D. In addition to the above entitlements, names, logos and website links of the sponsors will be placed on SEC-2018 website. All categories of sponsors would have an option for keeping their leaflet/brochure in the registration kit and also their names would appear in banners placed at prominent places of the convention venue.

Details regarding e-payment / demand draft will be made available in the convention web site shortly.

Organizations willing to come forward and financially support SEC-2016 can get in touch with SEC-2016 secretariat.

Category of Sponsorship , Fees & Entitlement of free delegates & presentation, are as follows

- Platinum** - Rs.550000 – 8 delegates +20 minutes presentation
- Gold** – Rs. 250000 - 6 delegates +10 minutes presentation
- Silver** Rs.110000 - 4 delegates
- Bronze-** Rs. 60000 - 2 delegates
- Co-sponsor** – Rs.35000 – 1 delegate

Call For Papers - 1st – Announcement

Abstract

Prospective authors are hereby invited to send 2-page extended abstract to email ID – sec18ceju@gmail.com or to the convention web site (will be launched shortly). Full contact information (name, affiliation, e-mail ID and Tel/Fax number) of the corresponding author must be provided. Abstracts will be reviewed by the technical committee and the acceptance of abstracts will be notified on the University web site and also email will be send. Templates for preparation of extended abstracts and full length papers will available in the University web page shortly.

Full-Length Paper

A maximum of 6-page manuscript soft copy (in the form of MS office document) should be send to email ID – sec18ceju@gmail.com or to the convention web site (will be launched shortly). The paper should be strictly well within 6 pages fully inclusive of text, illustrations and references. The manuscript would be peer-reviewed and authors would then be informed of the comments/review/suggestions of the review committee and invited to submit the revised manuscript. Conference participants will be provided with a book of abstracts and e-proceedings containing 6-page full-length papers.

Publication in Reputed Journal

Few selected papers will be recommended for publication, through an appropriate review process. It will be informed and will be notified in University website.

Themes

- * Concrete Structures & Steel Structures**
- * Heritage Structures**
- * Computational Structural Mechanics**
- * Testing of Structures**
- * New Building Materials**
- * Mitigation of Structures against Natural Hazards**
- * Hazard Analysis**
- * Structural Health Monitoring**
- * Wind and Earthquake Engineering**
- * Vibration Control and Smart Structures**
- * Condition Assessment and Performance Evaluation**
- * Repair, Rehabilitation and Retrofitting of Structures**
- * Advances in Construction Techniques/ Practices**
- * Behaviour of Structures under Blast/Impact Loading**
- * Fatigue and Fracture**
- * Durability and Performance Based Design of Structures**
- * Composite materials and structures**
- * Large Deformations and Plasticity**
- * Structures for Non-conventional Energy (Wind and Solar)**
- * Bio-mechanics including Bio- medical Applications**

Deadlines

Submission deadline for 2-page extended abstract

June 30, 2018

Notification of acceptance of abstract

July 31, 2018

Submission deadline for 6-page manuscript

September 15, 2018

Notification of review comments & acceptance

October 15, 2018

Submission of 6-page finalized Manuscript

October 30, 2018

Accommodation

Kolkata is one of the leading metros in India and has several hotels and guest houses. Limited accommodation will be arranged in identified guest houses on first-come, first served basis. The delegates have to make payment at respective places of stay as per the existing rates specified by the concerned authorities. Please follow the information which will be provided in University website shortly.

Presentation Aids

All the modern facilities for projections will be provided for presentations.

Climate

The city is popular for its extreme treasure of tourist attractions. The climate in the city will be generally pleasant during the month of December with the temperature ranging between 15 - 25°C

Delegate Registration Form

Name		
Affiliation		
Postal address		
Country		
Pin code		
Email ID		
Mobile no.		
Sex		
Delegate category		
Detail of person to be contacted in case of emergency	Name	
	Phone no.	
	Email ID	
	Address	

Address for Correspondence

THE GENERAL SECRETARY (SEC-2018)

DEPARTMENT OF CIVIL ENGINEERING

JADAVPUR UNIVERSITY

KOLKATA -700032

WEST BENGAL, INDIA

Email: sec2018ceju@gmail.com

The information will be updated periodically and will be accessible through the [Jadavpur University website](#) – Announcement