

Fee, Registration & Accommodation

Contributing Authors: Rs. 3000/-

Student registration : Rs. 1500/-

Registration fee includes participation fee, conference materials, lunch and refreshments for two days.

Payment details: The registration fees for the accepted papers can be paid through bank transfer/ cheque.

Accommodation: Limited number of rooms are available inside IIT Bombay on a priority basis. All others can find their accommodation in near by hotels.

Expected Participants

Professionals, academicians, students involved in research and practice are welcome to submit abstracts.

Abstract Submission

The technical program of the conference will consist of keynote addresses, panel discussions, invited talks, contributed papers. Contributed papers reviewed by a Technical Committee will be selected for oral and poster presentation. Prospective authors are requested to submit an extended abstract online of maximum 2 pages. Working language of the conference will be English. **Best paper and Best poster AWARDS will be presented for each theme.**

Department of Civil Engineering, IIT Bombay

Indian Institute of Technology Bombay was established in 1958 and the Civil Engineering Department is part of the institute since its inception. The Department has grown tremendously over the years and is now recognized as one of the major engineering departments in the country. Besides high quality teaching and instruction at both UG and PG levels, the Department is actively involved in basic and applied research and consultancy and provides high quality technical advisory support through various R&D projects and consultancy to various organizations. The Civil Engineering Department with its multifaceted faculty continues to maintain and cultivate strong links with the infrastructural industry and academic and research institutions both within and outside the country.

Conference Venue: Victor Menezes Convention Centre, IIT Bombay



Conference on

NEXT FRONTIERS IN CIVIL ENGINEERING:

Sustainable and Resilient Infrastructure

30th November to 1st December, 2018

IIT Bombay, Mumbai, India



Important Dates

Abstract submission	: 15th Sep 2018
Notification of acceptance	: 30st Sep 2018
Registration deadline	: 31st Oct 2018

Contact Us

Secretary, DJ Conference

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Conference Overview

The discipline of civil engineering has an important role to play towards creation of a sustainable and resilient society as India embarks on its journey in the 21st century to provide sustenance to citizens and develop infrastructure for the growth. The civil engineering department on the Diamond Jubilee of IIT Bombay is organizing a conference that would focus on emerging challenges within various specialisations of civil engineering and solutions that would shape the future of our country. The goal of the conference is to identify the challenges and find a path forward for tackling those challenges. The conference would have expert lectures, panel discussions, technical presentations and product demonstrations. Speakers include various subject experts from academia and industry.

Conference Themes

Discipline	Theme
Transportation Systems Engineering 	Sustainable Transportation Infrastructure for better Mobility and Accessibility <ul style="list-style-type: none"> - Mobility and equitable accessibility in fast changing world - Integrated NMT-public transport oriented development - Sustainable transportation measures for smart cities - Context sensitive transportation infrastructure design - Recycled materials and innovative methods for road construction
Geotechnical Engineering 	Sustainability in Geotechnical Practices - A modern day myth or reality? <ul style="list-style-type: none"> - Computational geomechanics - Energy and offshore geotechnics - Environmental geotechnics - Physical modelling in geotechnical engineering - Soil dynamics and earthquake geotechnical engineering
Water Resources Engineering 	Water Security in a Changing World <ul style="list-style-type: none"> - Approach towards urban water security - Rural water management frameworks - Modern techniques to assess water availability at local to regional scales - Water management under a changing environment - Role of the water-food-energy nexus in achieving water security

Discipline	Theme
Structural Engineering 	Resilient Structures for Extreme Hazards <ul style="list-style-type: none"> - Hazard and risk quantification - Mission-critical infrastructure - Health monitoring and retrofit of structures - Smart structures and sustainable materials
Ocean Engineering 	Sustainable Coastal and Ocean Development <ul style="list-style-type: none"> - Sustainable Coastal Management - Climate change impact on waves, sea level rise, coastal morphodynamics and ocean environment - Artificial intelligence in ocean engineering - Wave-structure interaction - Ocean renewable energy
Remote Sensing 	Remote Sensing Applications for Society and Environment <ul style="list-style-type: none"> - Applications of satellite based precipitation in hydrology - Modelling of glacier volume using remote sensing and high definition surveying - Land data assimilation in water resources engineering - Study of Land surface fluxes using microwave remote sensing - Hyperspectral remote sensing and their applications - Applications of Geographical Information System (GIS)
Construction Technology & Management 	Sustainable Construction Systems <ul style="list-style-type: none"> - Sustainable building materials - Concrete for future - Sustainable construction management practices - Optimized construction techniques - BIM and it's applications - Safe construction sites