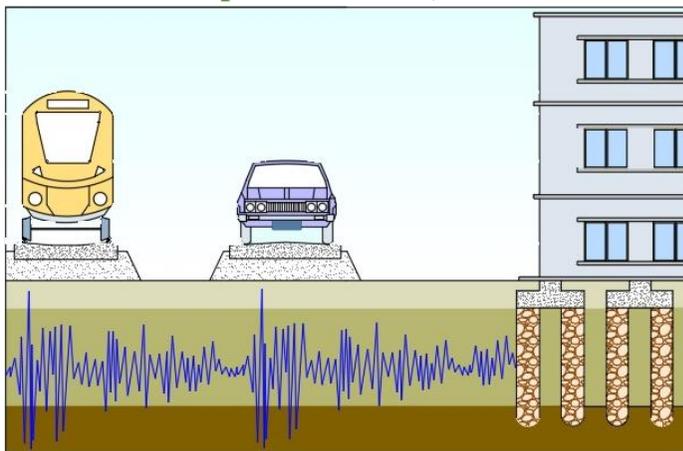


One Week Online
International Workshop
on
**Developments in Structural Dynamics &
Soil-Structure Interaction
(DSD&SSI-2020)**

Sponsored by TEQIP – III
In Association with IIC, NIT Silchar

September 11 - 15, 2020



Coordinators

Dr. Atanu Sahu

Dr. Amit Kumar Das

Dr. Bijan Kumar Roy

Organized by

Department of Civil Engineering



National Institute of Technology Silchar

राष्ट्रीय प्रौद्योगिकी संस्थान सिलचर

Assam – 788010, India

Website: www.nits.ac.in

About the Workshop

The primary objective of DSD&SSI-2020 is to bring together all the professionals from academic institutions, professional bodies and research scholars to enhance their knowledge on recent advancement in numerical and experimental works on structural dynamics, vibration control, vibro-acoustics, composite structures integrated with smart materials, structural health monitoring and dynamics of soil-structure interactions. In conformity of the same, this workshop will share the knowledge on different themes of the workshop and to extend the service to the society in the direction of sharing the practical knowledge in the design and construction of modern lightweight structures and high-rise buildings, bridges, etc., on different types of soil and also to mitigate the disaster due to external harsh environmental conditions. Moreover, DSD&SSI-2020 aims to extend the research scope in the field of structural dynamics and control of lightweight and modern structures with existing expertise and facilities of the Department of Civil Engineering at NIT Silchar in collaboration with other reputed institutes, organizations and industries.

Objective of the Workshop

- To provide the concepts and principles on structural dynamics and vibration mitigation of lightweight structures as well as modern high-rise structures and their interactions with surrounding soil.
- To provide the numerical and experimental developments in the field of structural health monitoring, composite structures, smart materials, vibro-acoustics, noise control, etc.
- To inculcate the design aspects and further research perspectives in the field of structural dynamics and soil-structure interaction.

Themes

Structural dynamics & Vibration Control
Composite Structures & Smart Materials
Structural Health Monitoring
Vibro-acoustics
Noise control
Soil-Structure Interactions
Seismic Hazard Analysis

Highlights of the Workshop

Technical sessions and discussions will be conducted by the eminent faculties and industry personnel from various premier academic organizations and industries, worldwide.

Eligibility

This workshop is open to industrial personnel, faculty members, research scholars, UG and PG students of technical institutions, engineering colleges, polytechnics, universities and other recognized institutions.

Important Dates

Last date for online registration: **09.09.2020**

Confirmation to participants: **10.09.2020**

Registration

Registration Fee: **Nil**

Registration link:

<https://forms.gle/joTdpgiPeRTjgwkr9>

Number of participants is limited to 200.

Certification

E-certificates will be provided to active participants.



Resource Persons



Prof. Biswajit Basu,
Trinity College
Dublin, Ireland



Dr. Jurij Prezelj,
University of
Ljubljana, Slovenia



Prof. Anjan Dutta,
IIT Guwahati,
India



Prof. Subrata Chakraborty,
IEST Shibpur,
India



Prof. Aparna D. Ghosh,
IEST Shibpur,
India



Prof. Partha Bhattacharya,
Jadavpur University,
India



Prof. Achyut Ghosh,
Consultant, Mageba Bridge
Products, Switzerland



Dr. Mira Mitra,
IIT Kharagpur,
India



Dr. Sudib K. Mishra,
IIT Kanpur,
India



Dr. Bappaditya Manna,
IIT Delhi,
India



Mr. Aminul Islam,
AGM (Geotech), ITD
Cementation India Ltd.



Ms. Agnita Mukherjee,
Senior Struc. Engr., Ontario
Power Generation, Canada



Prof. S. Choudhury,
NIT Silchar,
India



Prof. Ashim K. Dey,
NIT Silchar,
India



Dr. Arjun Sil,
NIT Silchar,
India



Dr. Bijan K. Roy,
NIT Silchar,
India



Dr. Atanu Sahu,
NIT Silchar,
India



Dr. Amit K. Das,
NIT Silchar,
India

Organizing Committee

Chief-Patron

Prof. Sivaji Bandyopadhyay
Director, NIT Silchar

Patrons

Dr. Parthajit Roy
HOD, CE Department, NIT Silchar

Dr. Sukumar Pati
Coordinator, TEQIP-III

Advisors

Prof. M. Ali Ahmed, Dean (R&C), NIT Silchar
Prof. A. K. Barbhuiya, Dean (Acad), NIT Silchar
Prof. A. I. Laskar, Dean (P&D), NIT Silchar
Prof. Satyabrata Choudhury
Prof. Ashim Kanti Dey

Members

Dr. T. Rahman, Dr. A. Sil, Mr. P. Das, Dr. M.L.V. Prasad, Dr. N. Debnath, Dr. M. Hussain, Dr. D. Bhowmik, Dr. N. Borthakur, Dr. P. Sultana, Dr. S. Dutta, Dr. O. Baro, Ms. Anangsha A.

Coordinators and Contact Details

Dr. Atanu Sahu

Email: atanu@civil.nits.ac.in

Mobile: +91 9433421135 / +91 7980427899

Dr. Amit Kumar Das

Email: amitkdas@civil.nits.ac.in

Mobile: 8906432255

Dr. Bijan Kumar Roy

Email: bijan@civil.nits.ac.in

Mobile: 7636905506

About NIT Silchar

National Institute of Technology Silchar was established in 1967 as a Regional Engineering College in Assam, India. In 2002 it was upgraded to the status of National Institute of Technology and was declared as Institute of National Importance under NIT Act, 2007. NIT Silchar has six engineering degree offering branches and five non-engineering branches. NIT Silchar offers B.Tech., M.Tech. and PhD degrees. NIT Silchar secured 9th position according to NIRF-2020 among all the NITs and is also placed in 801-1000 group in the recent THE ranking.

About Department of Civil Engineering

The Department of Civil Engineering started its journey in 1977. Ever since the inception, it has been imparting quality education to under graduate students. The Department presently fosters five PG courses. A good number of PhD research scholars are carrying out research works in various fields. There are about a dozen laboratories with various research and testing facilities. The faculty consists of eminent specialists from diverse fields and there is commendable research ambience in the Department.