

INTRODUCTION

The primary objective of this workshop is to update professionals from academic institutions and research scholars to enhance their knowledge in utilising and solving practical problems for prevention of earthquake disaster. Earthquakes cause losses due to poor construction of structures. The seismicity of a region, type of structure, type of soil and vicinity are some of the parameters for design of earthquake resistant structure. There is need of coordination of expertise like, structural engineer, geotechnical engineer and seismologist, which is needed for mitigation of earthquake disaster. There is a need to sensitize public for preparedness and management for pre and post earthquake scenarios.

OBJECTIVES

To provide concepts of earthquake engineering.

To inculcate the principles of earthquake resistant structures.

To sensitize the practicing engineers / future engineers the correct earthquake analysis, design.

To familiarize with recent research updates and incorporation of standard codes for earthquake resistant structures.

CONTENTS

Engineering Seismology
Earthquake Load Analysis for Civil Structures
Geotechnical Earthquake Engineering
Earthquake Resistant Design
Rehabilitation of Structures
Earthquake Disaster Mitigation strategies

TENTATIVE EXPERT SPEAKERS

1. Prof. P. K. Basudhar, IIT Kanpur
2. Dr. S. S. Baruah, Scientist, CSIR-NEIST, Jorhat
3. Prof. A. K. Singh, IIT Guwahati
4. Dr. Hrishikesh Sharma, IIT Guwahati

ORGANIZING COMMITTEE

PATRON

Prof. Sivaji Bandopadhyay
Director, NIT Silchar

CHAIRMAN

Prof. P. S. Choudhury
HOD, Dept. of Civil Engg., NIT Silchar

COORDINATORS

Dr. Nitesh A. & Dr. Arjun Sil

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Prof. Ashim Kanti Dey
Prof. Satyabrata Choudhury
Dr. Asit Kumar Das
Dr. T. Rahman
Dr Pallab Das
Dr. Nirmalendu Debnath
Dr. Bijan Kumar Roy
Dr. M. L. V. Prasad
Dr. Debjit Bhowmik
Dr. Prashanth J.
Dr. Subhrajit Dutta
Dr. Amit K. Das

STUDENT CONVENORS

Sudipta Debroy
Atul Kumar Verma
Navendu Nimare

ONE WEEK WORKSHOP

on

Earthquake Disaster Mitigation

(EQDM - 2019)

(under TEQIP - III)

January 16 - 20, 2019

Coordinators

Dr. Nitesh A. & Dr. Arjun Sil



Organized By

Department of Civil Engineering
National Institute of Technology Silchar
Assam - 788010, India

www.nits.ac.in

ABOUT INSTITUTE

National Institute of Technology, Silchar is one among the thirty National Institutes of Technology of India and was established in 1967 as a Regional Engineering College in Assam. In 2002 it was upgraded to the status of National Institute of Technology and was declared as an Institute of National Importance under the National Institutes of Technology Act, 2007. The climate of Silchar during January is Winter with normal temperature around 18 - 22°C.

It has six engineering degree offering branches and five non - engineering branches. It has various PG programs. It has Ph.D. in all of its departments and offers excellent research environment fully equipped with equipments. It has NABL Lab, Central library with modern infrastructure and facilities, CDAC centre and developing Earthquake Engineering laboratory in a building.

REGISTRATION FEE

Internal Students:	Rs. 500/-
External Students:	Rs. 1000/-
Internal Faculty Members:	Rs. 1000/-
External Faculty Members:	Rs. 3000/-
Industry Persons:	Rs. 5000/-

The registration fee includes registration kit and lunch. All participants will have to pay the registration fees before submitting application through online transfer to the account of the “Director, NIT Silchar (SBI NIT Silchar, A/C Number: 10521277057, IFSC Code: SBIN0007061)”

Registration form along with transaction receipt are to be sent to the email id: eqdm2019@gmail.com on or before 15 December, 2018. Follow updates on <http://www.nits.ac.in/eventcalendar.php>

The original hard copies of registration form and transaction receipt has to be submitted at the registration desk, just before the commencement of the workshop.

ELIGIBILITY

This program is open to industrial personnel, faculty members, research scholars, post graduate and under graduate students of technical institutions, engineering colleges, polytechnics, universities and other recognized institutions.

HOW TO REACH NIT SILCHAR

There are daily flights from Kolkata, Guwahati. Taxis are available from Airport to NIT Silchar. Silchar is also well connected by road and train.

ACCOMODATION & TRAVEL

Lodging and boarding for all selected external participants shall be provided on payment basis as per standard norms in the NIT Silchar guest house or scholars hostel on sharing basis. No TA/ DA will be provided to the participant.

ADDRESS FOR COMMUNICATION

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REGISTRATION FORM

1. Name (block letters):.....
2. Designation:.....
3. Organization:.....
4. Address for communication:
Contact No. (Mobile):.....
E-mail:.....
5. Highest Academic Qualification with Stream:
7. Registration Fee detail: Rs.....
Bank, Transaction ID No., & Date:.....
.....
8. Accomodation (Tick): Yes / No

Date:..... Signature of Applicant
Place:.....

Recommendation of HOD:.....

