



Short Term Course

On

Seismic Resistant Design, Assessment and Retrofitting of RC Buildings

27th – 31st May 2019



Organized by

Department of Civil Engineering
National Institute of Technology Meghalaya
Shillong-793003, India

Venue

National Institute of Technology Meghalaya
Bijini Complex, Laitumkharah, Shillong, Meghalaya
793003, INDIA

National Institute of Technology Meghalaya

Short Term Course
On

“Seismic Resistant Design, Assessment and Retrofitting of RC Buildings”

27th – 31st May 2019

Registration Form

Name:

Category: Working Engineers / Student [Please tick]

Full Address of Organization / Institute:
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Mobile: E-mail:

Demand Draft:

No:.....dated..... Amount in
INR.....drawn on.....bank
towards course fee drawn in favour “ NITM CIVIL DEPARTMENT” payable at “Shillong” is enclosed

Bank account details:

A/C no.: 332701000373 IFSC code: ICIC0003327
MICR code: 793229004

Please attach the online transfer receipt along with the registration form

Date & Place:

Signature of the participant



Who will the course benefit?

Engineering College teachers, Professional Structural Design Engineers, Practicing Architects, Civil Engineering and Architecture Students, Administrator / Policy Makers

Course Outline and Objective

- To give a comprehensive exposure to Earthquake Engineering.
- To give comprehensive exposure to static and dynamic behavior of buildings.
- To discuss earthquake resistant design concepts for RCC Structures.
- To discuss retrofitting strategies for existing buildings
- To introduce Earthquake Geotechnical Engineering.

Course Contents

- Introduction to earthquake engineering
- Seismic behavior of RC framed structures
- Assessment of liquefaction potential of soils
- Earthquake resistance design of RC structures as per revised seismic codes
- Seismic vulnerability assessment of existing RC buildings structures
- Retrofitting strategies and its applications
- Seismic performance of retrofitted structures
- Introduction to ground improvement techniques for seismic risk mitigation
- Hands on practice and laboratory demonstration.

About NIT Meghalaya

National Institute of Technology (NIT) Meghalaya is one of the thirty one NITs in India established under the NIT Act 2007 (Amended 2012) of the Parliament of India as Institutes of National Importance with full funding support from the MHRD, Government of India. NIT Meghalaya was established in the year 2010 with granted permanent campus of around 450 acre at Sohra, Cherrapunji. Presently the institute is functioning from its temporary campus at Shillong in Meghalaya and is within

2 kms from the Shillong city center on Police Bazaar – Laitumkharah roadway. The city of Shillong is well connected with rest of country by both road and flight network. The nearest railway station is at Guwahati (Assam), at a distance of 90 kms from Shillong. The nearest airport is within city (35 kms) although Guwahati airport (120 kms) is more preferred to reach Shillong. After getting down at Guwahati airport or railway station reserved or share vehicles are available to reach Shillong.

NIT Meghalaya, Department of Civil Engineering began its session from July 2012. The Department offers B.Tech, M.Tech in structural Engineering and PhD programs with different specializations. The Department is well equipped with laboratories; computational facilities with latest numerical modeling software where our students are exposed to recent technologies development. The Department has well experienced and dedicated faculty members spanning all specializations.

Course Organization

The course will consists of lecturers and hands on practice by NITM faculty. Resource persons will also be invited from IIT, NIT and from Industry

Certificate

Participants who successfully complete the course will be awarded a certificate of participation

Registration Fee

- Working Engineers : 6000 INR
- Students : 3000 INR

The registration fee includes tea and lunch in all days of the course.

Accommodations

Participants may book their own accommodations in nearby hotels in Laitumkharah and Police Bazar. NIT

Meghalaya do not have any kinds of tie-up or arrangement with any of the hotels

Patron

Prof. B.B.Biswal, Director

Advisory Committee

Prof. Ayon Bhattacharjee, Phy. Dept. NITM, Dean (R&C)
Prof. Gayadhar Panda, EE. Dept. NITM, Dean (Acad)
Dr. Deba Kumar Sarma, ME. Dept. NITM, Dean (P&D)

Convener

Dr. Comingstarful Marthong, Associate Professor, CE, Dept. NITM

Coordinators

Dr. M.L.Patton, Asst. Professor & HOD, CE, NITM
Dr. H.M.Kalita, Asst. Professor, CE, NITM
Dr. Susmita Sharma, Asst. Professor, CE, NITM
Dr. Debabrata Podder, Asst. Professor, CE, NITM
Dr. Dibyendu Adak, Asst. Professor, CE, NITM
Dr. Smutilekha Sahoo, Asst. Professor, CE, NITM

Deadlines

Intended participants may use the attached application form or a zerox of the same and it should reach on or before 22nd May 2019

Note: Filled registration form along with DD or online transfer receipt should be sent to the below address on or before 22nd May 2019:

Convener,

Department of Civil Engineering,
NIT Meghalaya, Bijni Complex, Laitumkharah,
Shillong – 793003, India.
Phone: +91 9485177027,
Email: commarthong@nitm.ac.in