



Training Program

On

Structural Safety Audit

16th – 20th Nov 2020



Organized
by

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

In collaboration with
District Disaster Management Authority (DDMA),
Government of Meghalaya, Shillong

Online Platform

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

National Institute of Technology Meghalaya

Training Program

On

“Structural Safety audit”

16th – 20th Nov. 2020

Registration Form

Name:.....

Designation:

Category: Working Engineers / Faculty/ Student [Please tick]

Full Address of Organization / Institute

Mobile:E-mail:.....

Date & Place:

Signature of the participant

NOTE: Intended participants may use the attached application and send to the program convener on or before 11th November 2020 by e-mail:

Convener,

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



Who will the course benefit?

Working professional from Govt Dept/ Semi Govt Dept/Private/ Faculty and Students from Civil/ Architectural background/Administrator / Policy Makers

Course Contents

- Structural audit basic concept
- Building typologies and its vulnerability to earthquake
- RVS of buildings, RVS Format, data entry and interpretation
- Structural retrofitting and rehabilitation
- National Buildings Codes and building bye-law for Meghalaya State
- Fire/building safety measure and compliance
- Seismic vulnerability assessment of structures
- Electrical safety
- Assessment of reinforced cement concrete structural safety based on NDT.

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 acres 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 consist of lecturers by NITM faculty. Resource persons will also be invited other Institutions and from Industry.

Certificate

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

Registration Fee

- Nil

Patron

Prof. B.B.Biswal, Director

Advisory Committee

Prof. Gayadhar Panda, EE. Dept. NITM, Dean (Acad)

Prof. H.C.Das, ME. Dept. NITM, Dean (FW)

Prof. Ayon Bhattacharjee, Phy. Dept. NITM

Convener

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

Coordinators

Dr. M.L.Patton, Asst. Professor & HOD, CE, NITM

Dr. Hriday Mani Kalita, Asst. Professor, CE, NITM

Dr. Dibyendu Adak, Asst. Professor, CE, NITM

Online Link for Participation:

The online link for participation in the training course will be sent to the registered participants before the programme.

Scheduled/Time line for the training

Days	10.00-10.30 AM	10.30 AM – 12.30 PM	12.30-2.00 PM	2.00 – 4.00 PM
16-11-2020	Inaugural program (NIT Meghalaya, DDMA Shillong)	Structural audit basic concept (Dr. C.Marthong, NIT Meghalaya)	Lunch break	Building typologies and its vulnerability to earthquake (Dr.Deb Dulal Tripura, NIT Agartala)
17-11-2020		National Buildings Codes and building bye-law for Meghalaya State (Shri, B.R.M. Lyngdoh, TPO, MUDA, Shillong)		Structural retrofitting and rehabilitation (Dr. A.R.Murthy, Sr. Principal Scientist, CSIR-SERC, Chennai)
18-11-2020		RVS of buildings, RVS Format, data entry and interpretation (Dr. Amir Ali Khan, NIDM New Delhi)		Fire/building safety measures and compliance (Fire Dept. Shillong)
19-11-2020		Seismic vulnerability assessment of structures (Prof. H.B. Kaushik, IIT Guwahati)		Electrical safety measures (Dr. S. Das, NIT Meghalaya)
20-11-2020		Assessment of RCC structural safety based on the non-destructive test (Dr. D. Adak, NIT Meghalaya)		Valedictions program (NIT Meghalaya, DDMA Shillong)