

**TEQIP-3**

Technical Education Quality Improvement Programme

**TEQIP-III SPONSORED ONLINE  
WORKSHOP**

**on**

# **Importance of Environmental Engineering and Climate Change**

**March 12-16, 2021**



**Organized by**

**Department of Civil Engineering**

**National Institute of Technology Meghalaya, India**

**Bijni Complex, Laitumkhrah, Shillong,**

**Meghalaya-793003**

**Coordinator**

**Dr. Ganesh Chandra Dhal**

**Assistant Professor**

**Department of Civil Engineering**

**NIT Meghalaya**

## About NIT Meghalaya

The National Institute of Technology (NIT) Meghalaya is one among the thirty 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 Ministry of Human Resource Development, Government of India. The nearest railway station is Guwahati. From the railway station, one can travel by bus or shared taxi to Shillong. It takes about 3 hours to reach Shillong. After reaching Shillong, one can hire local taxi to reach the campus at Bijni Complex, Laitumkhrah.

## About The Department

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.

## Co-Coordinator

**Dr. Hriday Mani Kalita**  
Assistant Professor, CE,  
NIT Meghalaya  
&

**Dr. Susmita Sharma**  
Assistant Professor, CE  
NIT Meghalaya

## Broad Scope

The proposed online workshop is aimed at creating an effective forum for exchange of innovative ideas and research works in the areas of Environmental Engineering and climate change. Eminent speakers from Academia and Industry will be delivering lectures on the following thematic areas of the workshop.

## Target Audience

The course is suitable for Faculty Members, Research Scholars, Students and Industry Professionals.

## Mode

The workshop will be organized through online platform. The joining link will be shared with the participants, well in advance.

## Certificate

E-Certificate will be provided to all the participants satisfying the attendance criteria.

## How to apply

### Click here for registration

<https://forms.gle/1mZ95RsV1Rjn4yiz6>

**More Info:** <https://www.nitm.ac.in>

**Last Date for Registration:** 10<sup>th</sup> March, 2021.

Registration will be considered on a First cum First serve basis. There will be no registration fee.

## Course Contents

- ❖ Introduction to Environmental Engineering
- ❖ Introduction to climate change
- ❖ Current scenario of Environmental Engineering & Climate change
- ❖ Environmental Pollution and Management
- ❖ Application of Environmental Engineering
- ❖ Solid Waste Management
- ❖ Waste Water Treatment for Enhanced Sustainability
- ❖ Industrial Waste Treatment
- ❖ Biological Waste Treatment
- ❖ Air Pollution Control
- ❖ Automobile Pollution Control
- ❖ Green Energy
- ❖ Waste to Energy
- ❖ Environmental Impact Assessment
- ❖ Disaster Management

## Resource Person

1. Talks by eminent academicians from IIT, NIT and other Research Institutes
2. Talks by eminent academicians from other TEQIP Institute
3. Other reputed Institutes & Industry

## Patron

**Prof. B. B. Biswal**  
Director, NIT Meghalaya

## Coordinator

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