

## One-day Workshop

on

**DST-Project** (Sanction No. 3/13/2018/NSDI)  
entitled

**Development of Spatial Data  
Infrastructure (SDI) and its Impact  
on Climate Change for Cachar  
District, Assam (India)**

dated

**16<sup>th</sup> April, 2021**



Organized by-  
**Department of Civil Engineering**  
National Institute of Technology  
Silchar, Assam-788010  
www.nits.ac.in

### Principal Coordinator

*Dr. Dillip Kumar Ghose (P.I.)*

### Junior Research Fellow (GATE)

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Department of Civil Engineering  
NIT Silchar-788010

## About the Institute

National Institute of Technology Silchar (NITS), an Institute of National Importance under the NIT Act, was established in the year 1967 as Regional Engineering College, Silchar, Assam. At present NITS offers six undergraduate programmes in engineering, seventeen postgraduate programmes and Ph.D. programmes in various disciplines of engineering and science.

## About the Department

The Department of Civil Engineering is one of the oldest functioning Departments of the Institute. The Department is offering B. Tech. Programme in Civil Engineering, M. Tech. Programmes in Structural Dynamics & Earthquake Engineering, Structural Engineering, Water Resource Engineering, Geotechnical Engineering, Environmental Engineering, Transportation Engineering and Ph.D. programmes in various specializations. The faculty consists of eminent specialists from diverse fields and there is commendable research ambience in the Department.



**Registration Form**

1. Name: \_\_\_\_\_
2. Gender : \_\_\_\_\_
3. Designation: \_\_\_\_\_
4. Institute: \_\_\_\_\_
5. Address: \_\_\_\_\_
6. Email: \_\_\_\_\_
7. Contact no.: +91 \_\_\_\_\_
8. Educational qualification: \_\_\_\_\_
9. Area of Research: \_\_\_\_\_
10. Accommodation Requirement: (Y/N)

**e-Signature of the candidate:**

**Link of online Event:**

<https://meet.google.com/lookup/ao6calmyol>

## Overview and course objectives

This training and workshop on Spatial Data Infrastructure (SDI) and its impact on Climate Change for Cachar region will enlighten the participants with the use of computing and data visualization techniques.

Usage of spatial data analysis has gained huge demand in recent years to aid policy makers and flood control agencies in better management of flood hazards. This also helps to understand the role of spatial data analysis in the climate change of a region. This program aims at identifying the issues by providing overview of regional water resources, strategies to manage hazardous events, uses of remote sensing and GIS in environmental studies, and flood hazards.

## Resource persons

Experts in field of remote sensing and data engineering from NIT Silchar will enrich the participants.

### Coordinator for Course curriculum

Siddhartha Paul, JRF(GATE)  
Abinash Sahoo, Ph.D. Scholar

## Eligibility

Faculty/ Research scholars from various Engineering Colleges/ Institutions and officials from various Research Organizations and Industries/ Govt. Departments, Research Scholars/ M.Tech/ B.Tech students from different national and state level organizations.

## Registration

No registration fee is required for attending the workshop. Selected participants will be intimated by email on or before 14<sup>th</sup> April, 2021. Early intimation of participation through email is highly appreciated.

Note: Total number of participants is limited to 30.

### Coordinator for Accommodation

Sushant Kumar, B.Tech Scholar (+91-7742269044)  
Nilim Sharma, B.Tech Scholar (+91-8133960996)  
Sudip Adhikari, B.Tech Scholar (+91-9435968473)

## Accommodation

Lodging and boarding for all selected external participants will be provided as per standard norms in the NIT Silchar guest house or scholars hostel on sharing basis.

## Travel

No TA/ DA will be provided for the participant.

### Patron

Prof. Sivaji Bandyopadhyay, Director, NIT Silchar

### Convenor

Dr. P. J. Roy,  
Head, Department of Civil Engg.

### Advisory Committee

Prof. A K Barbhuiya, Dean Academics, NIT Silchar  
Prof. U. Kumar, Department of Civil Engg.  
Prof. P. S. Choudhury, Department of Civil Engg.  
Prof. Ali Ahmed, Dean R&C

### Principal Coordinator

Dr. Dillip Kumar Ghose, Department of Civil Engg.

### Coordinators for Registration

Abinash Sahoo, Ph.D Scholar (+91-7008031622)  
Sachidananda Behara, M.Tech. Scholar (+91-7008091408)