One week Short Term Training Programme

on

"DEVELOPMENT OF SPATIAL DATA INFRASTRUCTURE AND MODELLING (SDIM)"

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

11th-15th March, 2022

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.)

Email:dillipghose_2002@yahoo.co.in
Mobile: +91-8135979813
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, 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)**

Signature of the candidate:

Overview and course objectives

This training program on Development of Spatial Data Infrastructure and Modelling (SDIM) will enlighten the participants with the use of computational and data visualization techniques. Information, extraction and design of data base will be the prime component of the program.

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 to solve the identified issues through hybrid modeling using machine learning techniques for management of natural hazard issues.

Resource persons

Experts in field of remote sensing, data science and engineering will enrich the participants.

Coordinators for course
Pradyumna Dalai- 9438380040
Kshirabdhi Tanaya-70087763

Eligibility

Faculty/ Research scholars from various Engineering Colleges/ Institutions and officials from various Research Organizations and Industries/ Govt. Departments, Research Scholars/ M.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 5th March, 2022. Early intimation of participation through email is highly appreciated. Participants will be selected on merit and first cum first basis.

Note: Total number of participants is limited to 30.

Student Coordinators
Abinash Sahoo-7008031622
Sridharam Sriharsha-8555951886
Vinay Mahakur-7008615241

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
Prof. S. Baishya, Dean R&C
Prof. P. S. Choudhury, Dean FW
Prof. Mokaddes Ali Ahmed, Dean P&D
Prof. U. Kumar, Department of Civil Engg.

Principal Coordinator
Dr. Dillip Kumar Ghose, Department of Civil Engg.

Coordinators for Registration
Sridharam Sriharsha Ph.D Scholar -+91-8555951886