

## One week Short Term Training

### PROGRAM

On

### “RECENT DEVELOPMENTS IN WATER AND GEO- ENVIRONMENTAL ISSUES”

5<sup>th</sup> – 9<sup>th</sup> August, 2019

(Under TEQIP-III)



Organized by  
Department of Civil Engineering  
National Institute of Technology  
Silchar, Assam-788010  
[www.nits.ac.in](http://www.nits.ac.in)

#### Principal Coordinator

Dr. Dillip Kumar Ghose

#### Coordinator

Prof. D. Chakrabarty

Prof. U. Kumar

Email: [dillipghose\\_2002@yahoo.co.in](mailto: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, 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. Is your Institute TEQIP Funded : ( Y/N)
9. Educational qualification :
10. Area of Research :
11. Accommodation Requirement: (Y/N)

Signature of the candidate:

Recommendation of Head

Signature & Seal

## Overview and course objectives

This training on water resource and geo-environmental challenges are of major concern in current decade. The lack of adequate clean water to meet human drinking and sanitation is indeed a constraint on human health and productivity. Multiple challenges are faced due to increase in population, climatic change, and improper utilization of resources. This program aims and identifying the issues by providing overview of Indian water resources, strategies to manage, uses of remote sensing and GIS in geo-environmental studies, ground water decline, conservation techniques, soil contamination, remedial measures and water crisis. The focus of the analysis is to the formal-spatial question, adopting a systematic and dialogic method, developed in a procedural and diagrammatic form in three steps, being: researching urban water environment intervention, selection of paradigmatic experiment and detailed analyses of the selected experiment.

## Resource persons

Distinguish professors and scientists from different institute and organisation of repute will enrich the participants.

### Coordinator for Course curriculum

Sandeep Samantaray, Ph.D Scholar  
Sneha Raichel Jimmy, M.Tech Scholar  
Bijay Sarkar, M.Tech 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

Fees for internal faculty/ student and regular research scholars Rs. 1000/ Rs. 500. Fees for external participants (Faculty/ Govt officials or Industry) is Rs.3000/ Rs. 5000 and (student/ research scholar) is Rs. 1000. Participants interested in attending the program should send the duly filled in registration form either as hard copy or scanned copy to the coordinator along with the DD detail for registration on or before 30<sup>th</sup> June 2019. DD shall be drawn in favour of “Director, NIT Silchar” payable at SBI NIT Silchar. Selected participants will be intimated by email on or before 25<sup>th</sup> July, 2019. Early intimation of participation through email is highly appreciated. Total number of participants is limited to 60.

### Coordinator for Accommodation

Abinash Sahoo, Ph.D Scholar  
Pritam Kumar, M.Tech Scholar  
Ankush Kumar, M.Tech Scholar

## 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,  
Registrar, NIT Silchar  
Dr. S. Pati,  
Coordinator, TEQIP-III, NIT Silchar

### Principal Coordinator

Dr. Dillip Kumar Ghose

### Coordinator

Prof. D. Chakrabarty  
Prof. U. Kumar

### Coordinators for Registration

Wajahat Annayat, Ph.D Scholar  
Divya Prakash Mohabey, Ph.D Scholar  
Arpan Herbert, Ph.D Scholar  
Shivam Agrawal, Ph.D Scholar  
Ujjawal Singh Jarula, Ph.D Scholar