



Central Pollution Control Board, New Delhi

Sponsored Training Programme

On

**Landfill groundwater pollution management and
valorization of mining/industrial wastes through bio-
composting and Waste to Energy”**

31st Jan to 02nd Feb, 2024



Jointly Organized By

Dept. of Civil Engineering

National Institute of Technology Silchar, Assam-788010

&

Assam University, Silchar, Assam

About Host Institute & Department:

National Institute of Technology (NIT) Silchar, an Institute of National Importance under the NIT Act was established in 1967 as Regional Engineering College (REC) Silchar in Assam. In year 2002, it was upgraded to the status of an NIT from REC. NIT Silchar is situated on the banks of river Barak and on a sprawling campus spread over 600 acres of land on the outskirts of Silchar. The landscape of NIT Silchar campus is beautiful and lush green with lakes and hillocks, surrounded by tea gardens. NIT Silchar offers B.tech degrees in six branches of engineering and many post graduate degrees in various departments across science and management streams. The Department of Civil Engineering started its journey in 1977. Ever since the inception, it has been imparting quality education to undergraduate students. The department presently fosters five PG courses. There are about a dozen laboratories with various research and testing facilities. The faculty consists of eminent specialists from diverse fields and there is commendable research ambience in the department.

About Training Program

This training programme will provide a platform for the personnel to exchange ideas and information about the latest trends, technology, challenges and opportunities available in order to achieve sustainable development by adopting green solutions. The various experts from renowned organizations will deliver talks and share their expertise in this area.

Who can Join

Participants from Pollution Control Board/ Committee, Department of Environment, environmental Laboratories recognized under EPA, scientific and Technical government departments, R&D organisations etc. are requested to submit the registration form duly forwarded by head of the concerned department/committee. The competent Authority from CPCB will approve and finalize the participants.

About the finance

There is no fee to join the training program for government departments participants. Any other participant willing to join the program shall raise a special request duly forwarded by head of the institute/organization. No TA/DA will be provided to participants to reach training venue, however, all the support (twin sharing accommodation, local travel, food) will be provided to registered participants during the training duration.

Day-wise training programme

The training program is divided into following modules

Day No.	Time	Programme
Day 1	9.30 to 10:30 am	Inauguration function with Keynote on objectives of training programme

Day No.	Time	Programme
	11.00-01:00 pm	Module – 1 <ul style="list-style-type: none"> • Valorisation of industrial wastes as a civil engineering material • Sampling and laboratory characterization of industrial wastes
	02:00 -05:00 pm	Module – 2 <ul style="list-style-type: none"> • Visit to laboratory facilities for waste characterization
Day 2	10.00-01:00 pm	Module – 3 <ul style="list-style-type: none"> • Waste to energy: Case studies • Composing of Solid wastes • Sampling and laboratory characterization MSW and composting
	02:00 -05:00 pm	Module – 4 <ul style="list-style-type: none"> • Field visit to Jalinga Tea Estate • Demonstration of waste to energy by bio briquette manufacturing • Demonstration of bio composting of Tea garden waste
Day 3	10.00-01:00 pm	Module – 5 <ul style="list-style-type: none"> • Dumpsite pollution and associated water contaminations • Sampling of Groundwater through non-invasive ERT Technique
	02:00 -05:00 pm	Module – 6 <ul style="list-style-type: none"> • Site visit and demonstration of sampling procedure • Use of ERT for sampling and analysis of groundwater contaminant flow

Organizing Committee

Chief Patron

Prof. Dilip Kumar Baidya
Director, NIT Silchar, Assam

Prof. R M Pant

Vice Chancellor, Assam University, Assam

Patron

Prof. Nalin Behari Dev Choudhury
Dean R&C, NIT Silchar

Convener

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Head, Civil Engineering, NIT Silchar

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Prof. A K Barbhuiya, NIT Silchar
Prof. U Kumar, NIT Silchar
Prof. P J Roy, NIT Silchar

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Dr D K Ghose, NIT Silchar, Assam
Dr Susmita Ghosh, NIT Silchar, Assam

Technical Secretaries

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Dr M Hussain, NIT Silchar, Assam
Dr. Arun Jyoti Nath, Assam University,
Dr. C. B. Khobragade, Assam University

Faculty Coordinators

Dr. Shuvasish Choudhury, Assam University
Dr. Shubdeep Biswas, NIT Silchar, Assam
Dr. Jayshree Hazorika, NIT Silchar, Assam
Dr Dinesh P, NIT Silchar, Assam

Organizing Secretary

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Registration Form

Name: _____

Designation: _____

Department: _____

Qualification: _____

Organization/Industry: _____

Mailing Address: _____

Mobile: _____

Email: _____

Signature of Nominating Authority with Designation and Seal
