

**NATIONAL PROGRAMME  
FOR TRAINING  
OF SCIENTISTS & TECHNOLOGISTS WORKING IN  
GOVT.SECTOR  
ON  
SOLID WASTE MANAGEMENT TECHNOLOGY &  
REGULATORY COMPLIANCE**

**14<sup>th</sup> January- 25<sup>th</sup> January, 2019**

**Coordinators**

**Dr. Sanjay Sharma  
In charge Centre for Clean Technologies and  
Sustainable Development**

**Dr. Ashok Sharma  
CEO, Cleantech International foundation, New Delhi**



**Sponsored by**



**Department of Science & Technology  
Ministry of Science & Technology**

**Organized By**



**Centre For Clean Technologies and Sustainable  
Development  
National Institute of Technical Teachers  
Training and Research, Chandigarh  
(MHRD, GOVT. OF INDIA)**

**ABOUT TRAINING PROGRAMME**

Solid waste has become a recurring feature in the urban environment of India. Solid waste management has emerged as one of the challenges faced by the Urban Local Bodies and city inhabitants due to increasing urbanization, where cities are sustaining population way beyond their infrastructural capacity.

The challenge of dealing with un-cleared solid wastes has made it imperative to come up with innovative solutions and plans to manage the solid waste generated. At the same time it is necessary to develop regulatory compliances and upgrade the existing norms for effective implementation of the plans developed.

NITTTR, Chandigarh is organising DST sponsored National Training program on 'Solid Waste Management Technology & Regulatory Compliance' for scientists and technologists working in the government sector with the objective of capacity building, so that the workforce are well equipped through the knowledge of innovative solutions, state of the art infrastructure, policies and legal framework developed to tackle the challenges associated with Solid Waste Management.

**COURSE OBJECTIVE**

- Understanding the administration systems for waste management and related activities (multidisciplinary and cross-sectoral).
- Focus on building sound institutions and good governance for attaining improved SWM.
- Discuss the public health regulatory, planning, technical and economic

principles that influence the solid waste management system.

- Describe appropriate methods to minimize the impact to public and occupational health from solid waste related activities.
- Understanding the need and method to develop solid waste management plan.

**BROAD COURSE CONTENT**

- Waste survey and determination of composition of waste generated in city
- Methods for conducting waste audit
- Solid waste management technologies and practice and Swachh Bharat Abhiyan
- E-waste management strategies
- Public consultation methods for selection of location and siting of SWM collection and processing plants
- Methods of compliance and reporting protocols to be followed by Local Bodies related to State/Central Pollution Control Board
- Rules related to Hospital Waste Management and Hazardous waste management
- Solid Waste Management and Handling Rule 2016 and other Central, State and Local laws related to waste management

**METHODOLOGY**

The training will include lectures, exercises, discussions, group work and case discussion, film show and field exercises.

## PARTICIPANTS

This is a DST sponsored training programme. The institute will select 25 scientists/ technologists (strictly from the government sector) in discussion with DST, maintaining regional diversity and groups' heterogeneity in ranks. Upper age limit (as on 1<sup>st</sup> July, 2018) for participants for attending program is 58 years.

## DURATION

The programme is scheduled from 14th January to 25<sup>th</sup> January, 2019 i.e. 12 days duration, which includes 1-2 days of fieldwork to have firsthand experience regarding solid waste management.

## VENUE AND ADDED ATTRACTION

NITTTTR, Chandigarh has been established by Ministry of Human Resource Development, Government of India for the development of Technical Education. The institute has excellent laboratories, library, computer centre and modern reprographic and other production facilities.

Centre for Clean Technologies and Sustainable Development (CCTSD) at NITTTTR, Chandigarh has been set up to meet the increasing need of pollution prevention and adoption of sustainable practises in every sphere. The centre also imparts training in addition to activities like R&D and consultancy etc.

NITTTTR, Chandigarh is well equipped with sports complex consisting of Badminton court, table tennis, volleyball court etc. The

institute is ideally located close to tourist spots in Chandigarh i.e. Sukhna lake, Rock Garden, Butterfly Park, Rose Garden, Elante Mall and Sector 17 shopping piazza, where the participants can engage in recreational activities after the days' learning.



## OTHER DETAILS

Accommodation facility in guest house and hostel will be provided within institute campus.

## KEY FACULTY

**Dr. S. S Pattnaik**, Director, NITTTTR, Chandigarh  
**Dr. Sanjay Sharma**, Professor and Head, Civil Engineering Deptt. NITTTTR  
**Ashok Sharma**, CEO, Cleantech International foundation New Delhi  
**Madhu Soni**, Advisor, CCTSD

## REGISTRATION

Please send the Registration form (enlarged copy) latest by 20<sup>th</sup> December, 2019 to:  
**Dr. Sanjay Sharma, Professor and Head, Deptt. Of Civil Engineering, NITTTTR, Chandigarh**

**Email:** [sanjaysharmachd@yahoo.com](mailto:sanjaysharmachd@yahoo.com)

**M:** 09872005961

**Landline:** 0172-2759514

## REGISTRATION FORM

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1. Name: Dr./Mr./Ms.....
2. DOB: .....Age:.....
3. Academic Qualification:.....
4. Designation/Deptt: .....
5. Area of Specialization:.....
6. Phone:.....
7. Email:.....
8. Address:.....  
.....  
.....
9. Pin Code:.....
10. Need Accommodation : Y/N

Signature of Applicant

Forwarded by Head