

About the Workshop:

This 5-day workshop aims to promote knowledge and communication among different stakeholders from academia, residents, municipal authorities, industries, and the community. The workshop will feature expert lectures, interactive sessions, perspectives from industries, businesses & executives from local government & case studies to provide a comprehensive understanding of the challenges of waste management in hilly areas.

CHIEF PATRON: **PROF. S. SUNDAR**
Hon. Director, NIT Mizoram

CONVENOR: **DR. H. LALHIMGSANGA**
Associate Professor
Dept. of Mechanical Engg.,

CO-ORDINATOR: **DR. KUMAR RAJA V**
Assistant Professor
Dept. of Civil Engg.,

Online Registration:

Open for B Tech, M Tech., and Ph.D. Scholars, Govt, Semi-Govt, Industry Personnel.

REGISTRATION LINK :

<https://forms.gle/eAJmKfSdxgaGU1yh9>



NATIONAL INSTITUTE OF TECHNOLOGY MIZORAM
(AN INSTITUTION OF NATIONAL IMPORTANCE UNDER MINISTRY OF EDUCATION)



5 Days Multi-Stakeholder Workshop on

NAVIGATING THE TERRAIN: EXPLORING THE CHALLENGES AND FINTECH SOLUTIONS OF SOLID WASTE MANAGEMENT IN URBAN HILLY AREAS

July 29th - August 2nd, 2024

Sponsored by



**IIT BHILAI INNOVATION AND
TECHNOLOGY FOUNDATION (IBITF)**



THEMES & SUB-THEMES:

- Solid waste management – Key concepts and Rules
- Existing SWM system in Aizawl city and major challenges
- Designing a sustainable solid waste management for hilly areas
- Key findings & recommendations from the scientific study
- Role and responsibilities of different stakeholders in Waste Management
- Fintech based opportunities for the local communities
- Generation of income from waste management – Promoting entrepreneurship and startup culture
- Smart Waste Management Solutions (IoT, Sensors), etc., – for a smart city
- Scope of fintech driven entrepreneurship and startups in the waste management.



LIST OF SPEAKERS:



Prof. Brajesh Dubey
Head, School of Water Resources.
IIT Kharagpur



Er. Pradeep Khandelwal,
Rtd. Chief Engineer & Advisor
East Delhi MC



Dr. Vinay Yadav
Asst. Prof, V.G. School of Mgmt.
IT Kharagpur



Dr. Rishi Karan Singh Rathore
Associate, Env. Sustainability
IERNst & Young LLP



Dr. Lalsangzela Sailo
Asst Professor, Civil Engg.,
Mizoram University



Dr. H. Lalhingsanga
Assc. Professor, Mechanical Engg.,
NIT Mizoram



Dr. Kumar Rajas V
Asst Professor, Civil Engg.,
NIT Mizoram



EXPERTS FROM
AMC & PHE



ABOUT NIT MIZORAM

NIT Mizoram was started in the year 2010 with an objective to impart education, research & training leading to B.Tech, M.Tech & PhD. degrees. The institute is situated in the capital city Aizawl which can be reached by Air through Kolkata / Guwahati. Silchar is the nearest railway station to Aizawl. The journey (by road) from Silchar to Aizawl may take approx. 6 Hrs. Now NIT Mizoram is working under the Ministry of Human Resource Development, Govt. of India.

ABOUT THE PROJECT:

The project titled ***“Training and Skilling Manpower for Smart Solid Waste Management in Urban Hilly Areas”*** aims to understand the challenges and opportunities in solid waste management from multiple stakeholders’ perspective through an interactive workshop. Communication and interaction between stakeholders are critical in delineating individual roles and responsibilities, fostering a collaborative environment. Further, a scientific compositional and characterisation study is proposed to analyse the potential for suitable fintech based solutions. These fintech based solutions include creating digital marketplaces for recyclable materials, establishing fintech platforms that connect investors with sustainable waste management projects, offering green financing options, etc.,