

# Hand-On Training on Characterization Tools and Techniques for Materials Science

8<sup>th</sup> - 14<sup>th</sup> November 2022



Organized by  
National Institute of Technology Meghalaya

In association with  
Banasthali Vidyapith, Rajasthan



Department of  
Science &  
Technology,  
Government of  
India

सत्यमेव जयते

Under the Scheme  
Synergistic Training program Utilizing the Scientific and Technological Infrastructure  
(STUTI)

Supported by  
Department of Science and Technology, Government of India

## Chief-Patron

Prof. Bibhuti Bhusan Biswal  
Director, NITM

## Convener

Dr. K. Senthilkumar  
Dr. Tribedi Bora  
Department of Physics, NITM

## Secretaries

Mr. Santu Mazumder  
Mr. Onus Manner  
Ms. Sanchia Mae Kharphanbuh  
Ms. Esha Lyngdoh  
Department of Physics, NITM

## PMU Coordinator

Dr. Parvej A. Alvi  
Banasthali Vidyapith, Rajasthan

## Contacts

Dr. K. Senthilkumar +91-9402102371  
Dr. Tribedi Bora +91-9485177061  
Email-hod.ph@nitm.ac.in

## Program Highlights

- Basic theories of structural studies
- Demonstration of material synthesis
- Training on non-destructive characterization techniques
  - FESEM
  - XRD
  - UV-visible & FTIR
  - Polarizing Optical Microscope
- Demonstration of Central Instrumentation Facilities

## Eligibility

- Faculty Members, Research Scholars of Basic Sciences and Engineering.
- Lodging & Boarding will be provided by the host institute.
- TA(2nd class Train or Bus fare)
- Maximum no. of participants is 35
- Preference will be given for candidates belonging to North-East
- **Application Deadline- 20<sup>th</sup> Oct 2022**

## Free Registration

To Register



Click/Scan the QR Code

Selected participant will be notified via email/phone

