

## **Training program NITT**

### **FINAL REPORT**

**21<sup>ST</sup> JUNE TO 27<sup>TH</sup> JUNE 2023**

#### **Day 1:- 21/06/2023**

At 9 am the program started with the registration process of candidates and also distribution of stationary to the participants. The program has been started with a national song followed by inauguration by key guest honors. From 11 to 1 PM, I-STEM Opportunities and Funding was taken up by Dr.S.Roobala. Then in the afternoon session Expert Talk: -Calibration of Research Equipment was taken up by Dr.M.Premalatha, NITT, from 2 to 3:30 PM, from 3:30 to 5:30 PM, Expert Talk:- Dr.Aditya Kumar, NITT took up Thermal Conductivity.

#### **Day 2:- 22/06/2023**

In the morning from 9 to 11 AM, Expert Talk: - Bomb Calorimeter was taken up by Mr.K.Balamurugan, IKA, from 11 AM to 1 PM Expert Talk: -Basics of spectroscopic techniques was taken up by Dr.Devendiran (Perkin Elmer). Then in the afternoon session from 2 to 5:30 PM, the hands-on session on UV-VIS & FTIR Batch A was explained to Rajesh. N NITT and Batch B were explained by Dr.Devendiran (Perkin Elmer) vise-versa simultaneously completed both sessions.

#### **Day 3:- 23/06/2023**

In the morning from 9 to 1 PM, Expert Talk: -DSC was taken up by Dr.Mani Karthik, ARCI Hyderabad. Then in the afternoon session from 2 to 5:30 PM, the hands-on session on TG-IR Batch A was explained by Dr.V.M. Jeganathan, NITT.and DSC, Batch B was explained by M. Sundar, and vise-versa simultaneously completed both sessions.

#### **Day 4:- 24/06/2023**

In the morning from 9 to 11 30 AM, Expert Talk: TG IR was taken up by Dr. D. Ruben Sudhakar, NITT. from 11 AM to 1 30 PM Expert Talk: - Contact Angle Dr.Rinku Kumar, NIT Jamshedpur. Then in the afternoon session from 2 to 5:30 PM, the hands-on session on TG-IR Batch B was explained by Dr.V.M. Jeganathan, NITT.and DSC, Batch A was explained by M. Sundar, and vise-versa simultaneously completed both sessions.

#### **Day 5:- 25/06/2023**

In the morning from 9 to 11 30 AM, Batch A:- LFA was explained by Mr. N.Rajesh and Batch B Contact Angle was said by Mr. M. Sundar, from 11 30 AM to 1 30 PM, Batch B:- LFA was explained by Mr. N.Rajesh and Batch A Contact Angle was said by Mr. M. Sundar, Then in the afternoon session, from 2 to 3:30 PM Batch A:- Bomb Calorimeter was explained by Mr. M. Sundar and CHNSO Batch B was explained by Rajesh. N NITT and Batch B:- Bomb Calorimeter was said by Mr. M. Sundar, and CHNSO Batch A was explained by Rajesh. N NITT.

**Day 6:- 26/06/2023**

In the morning from 9 to 11 30 AM, Expert Talk: Role of Characterization Tools in Material Research was taken up by Dr. D. Karthikeyan, GCE. From 11 30 AM to 1 30 PM, Expert Talk: CHNSO was taken up by Dr.V.M. Jeganathan, NITT. Then in the afternoon session from 2 to 5:30 PM, a hands-on session on Thermal Conductivity Measurements was taken up by B.Akhila.A.K, NITT, and A.Dr.S.Suresh NITT.

**Day 7:- 27/06/2023**

In the morning from 9 to 11 30 AM, Expert Talk: Phase Change Materials-Basics & Applications was taken up by A.Dr.S.Suresh NITT. From 11 30 AM to 1 30 PM, Expert Talk: Importance of leading a happy and healthy life for Engineers and Researchers was taken up by Dr.Karthic Vaidyanathan. Then in the afternoon session from 2 to 3:30 PM, Expert Talk: Importance of leading a happy and healthy life for Engineers and Researchers was taken up by Dr.Karthic Vaidyanathan. Then in the afternoon session, from 4 to 5:30 PM, Valedictory Session & Certificate Distribution.