





A One-day

Advanced Workshop & Hands-on Training Program

# FOURIER-TRANSFORM INFRARED MICROSCOPE (µ-FTIR)



**SEPTEMBER 20, 2024** 



**SMV 209** 

10:00 AM



IRT-5200

**Organized by** 

**Centre for NanoBiotechnology (CNBT) Vellore Institute of Technology (VIT)** Vellore - 632 014.

Registration fees: INR 350 (Including 18% GST) Seat: Limited to 40 Certificates, Workshop kits, Refreshment and Lunch will be provided to the participants

## **Chief Patron**

**Dr. G. Viswanathan, Chancellor** 

#### **Patrons**

**Mr. Sankar Viswanathan, Vice- President Dr. G V Selvam, Vice- President Dr. V. S. Kanchana Bhaaskaran, Vice Chancellor Dr. Partha Sharathi Mallick, Pro-Vice Chancellor** Dr. Jayabarathi T, Registrar

#### Convenors

**Dr. Amitava Mukherjee, Senior Professor & Director (CNBT) Dr. N. Chandrasekaran, Senior Professor (CNBT)** 

### **Co-ordinators**

**Dr. John Thomas, Associate Professor (Gr-II), CNBT** Dr. Krishna Rao Eswar N, Associate Professor (Gr-I), CNBT



Dr. Amitava Mukherjee Senior Professor (HAG) & Director CNBT. VIT



Expert Talks by

Dr. N. Chandrasekaran Senior Professor (HAG) CNBT, VIT



Mr. M. Sriram **Regional Manager** ANATEK SERVICES PVT.LTD.



Dr. E. G. Jagan **Application Specialist** ANATEK SERVICES PVT.LTD

#### Workshop features:

- 1. Instrument Calibration
- 2. Various mode of Operation: Transmission, Reflection, and ATR
- 3. Data Acquisition: IQ Mapping
- 3. Data analysis

Wide range of sample analysis: Solids, Liquids, Powders, Polymer, Microplastics, and Biological samples

Applications: Environmental Science, Pharmaceuticals, and Materials Science









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