

## Track 1: Device Modelling, and Fabrication

### Track Chairs



**Dr. Anuj Kumar Sharma**

Associate Professor

NIT, Delhi

[anujsharma@nitdelhi.ac.in](mailto:anujsharma@nitdelhi.ac.in)

**Dr. Prabhash Mishra**

Associate Professor

Jamia Millia Islamia

[pmishra@jmi.ac.in](mailto:pmishra@jmi.ac.in)



### Domain of the Track

Organic/Inorganic Nano composites

Nano Materials

Single Molecule Science

Nano Bioscience

Micro/Nano Fluidics

Micro Optics & Nanophotonic

Organic and Flexible electronics

2D Materials and devices

Advanced materials for nano devices

## Track 2: Sensor Phenomenology, Structures, and Fabrication

### Track Chairs



#### Dr. Partha Bhattacharyya

Associate Professor  
Indian Institute of Engineering Science  
and Technology, Shibpur  
[pb@telecom.iiests.ac.in](mailto:pb@telecom.iiests.ac.in)

#### Dr. Md Rahat Mahboob

Assistant Professor  
Tezpur University, Assam  
[rahat@tezu.ernet.in](mailto:rahat@tezu.ernet.in)



### Domain of the Track

**MEMS, Bio-MEMS/NEMS**

**Smart biomimetic Sensors**

**Physical Sensors**

**Chemical Sensors, Electrochemical sensors**

**Acoustic Sensors, Optical Sensors**

**Micro/Nano Sensors**

**Wearable sensors**

**Application of sensors**

**Track 3: Signal, Interface Electronics and Sensing System**  
**Sensors**

**Track Chairs**



**Dr. Shahid Malik**

Assistant Professor

Centre for Sensors, Instrumentation and  
cyber-physical System Engineering, IIT Delhi

[Shahid.Malik@sense.iitd.ac.in](mailto:Shahid.Malik@sense.iitd.ac.in)

**Dr. Shufali Wani**

Institute Post-Doctoral Fellow,  
Department of Electrical Engineering, IIT Delhi

[shufali10@gmail.com](mailto:shufali10@gmail.com)



**Domain of the Track**

Interface electronics for sensors,

Signal conditioning,

Biomedical Instrumentation,

Intelligent Instrumentation,

Micro/Nano Electronics,

Nano Antenna & RF System design

## Track 4: Power Electronic Devices/Sensors, Energy harvesting and saving

### Track Chairs



**Dr. Obaidur Rahman**  
Assistant Professor  
AMU, Aligarh  
[obaidrahman47@gmail.com](mailto:obaidrahman47@gmail.com)

**Dr. Shiraz Sohail**  
Assistant Professor  
Department of Instrumentation and  
Control Engineering  
National Institute of Technology, Trichy  
[ssohail@nitt.edu](mailto:ssohail@nitt.edu)



### Domain of the Track

Photovoltaics,

Nano photovoltaics,

Energy harvesting,

Actuators,

Spintronics

Supercapacitors

## Track 5: Cyberphysical System, AI and IoT based System

### Track Chairs



**Prof. Nirupama Mandal**

Associate Professor

Indian Institute of Technology (ISM), Dhanbad

[nirupama@iitism.ac.in](mailto:nirupama@iitism.ac.in)

**Dr. Anwar Ulla Khan**

Assistant Professor

Jazan University, KSA

[anwar.ullak@gmail.com](mailto:anwar.ullak@gmail.com)



### Domain of the Track

Wireless Sensor Networks,

Smart mobility,

Application of AI and IoT based system,

Structural Health Monitoring (SHM),

Automation in Smart Grids,

Environment monitoring