Course Overview

Course is designed to provide advanced knowledge and engineering approach to design/synthesize advanced materials for sensing devices. The course will commence with emphasis on the importance of studying advanced materials particularly nanomaterials. Then it will further advance to deliberating the fundamental domain knowledge, advanced synthesis techniques with specialized topics in materials and sensors. Broad Topics are as follows.

- Fundamental of Sensors and Sensing Materials
- Materials Fabrication Techniques
- Characterization of Sensing Materials
- Sensors Fabrication and Integration
- Advanced Materials for Sensors
- Functional Nanomaterials for Sensors
- Different types of Sensing Platforms/Methods
- Environmental Sensors: Detection of Pollutants in air, water and soil
- National Education Policy

Registration

Fill the attached Registration form and send via email to: neml@iiti.ac.in

Registration Deadline: February 28, 2022

Participant from AICTE Colleges: NO FEE
Certificate of AICTE recognition of the Institute from the Head of the Department (format attached)

Participants from Non-AICTE Colleges: ₹3500/-, for payment mode see at here: http://www.iiti.ac.in/page/e-payments (Fund transfer details need to be sent along with application form via email.)

Certificate

Participants completing the course successfully will be awarded e-Certificate.

Course Coordinator

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Target Participants

For the Young faculties and researchers (PG/PhD level) from AICTE sponsored colleges/institutes and others.