

### About JIIT:

Established in the year 2001, JIIT Noida is a "Deemed to be University" under Section 3 of UGC Act 1956. The institute is NAAC (MHRD) accredited and NIRF (MHRD) ranked for excellence in teaching and research. State-of-the-art environmentally conditioned campus comprises smart buildings with Wi-Fi connectivity covering the Academic Block, Business School cum Research Block, Faculty Residences, Student Hostels, and Annapurna which provides a pleasant and stimulating ambience. The institute has well-equipped modern laboratories and an intellectually stocked Learning Resource Centre and E-Resources in the form of journals and other learning materials.

The Physics and Materials Science and Engineering (PMSE) department offers Physics and Materials Science courses to B. Tech., M. Tech. and Ph.D. students. The department runs M. Tech. program in Materials Science and Engineering and PhD program since 2006. The department is actively involved in research areas of Atomic & Molecular Physics; Plasma Physics; Quantum Optics and Quantum Information; Optical Fiber and Photonics; Nanomaterials, Solid State Ionics, Spintronics, Advanced functional materials.

### Objective and Scope of FDP:

This FDP aims to cover the various possible prospects of Physics for its Engineering applications through a series of indigenous and invited lectures from eminent speakers.

### Following key areas will be covered:

- Synthesis of materials in bulk, nano and thin film forms
- Structural Characterization
- Surface Characterization
- Atomic and Molecular Spectroscopy
- Electrical and Magnetic Characterizations

### How to reach:

**Metro:** The stations close to the campus are NOIDA ELECTRONIC CITY and VAISHALI. You can book a taxi available at metro station for JIIT Sector-62, Noida.

**Railway:** Noida is well connected to the New Delhi, Old Delhi and Ghaziabad railway stations by bus/auto. Taxis can be hired just outside the railway stations.

### Chief Patron:

Shri Manoj Gaur Ji Executive Chairman, Jaypee Group

### Patron:

Prof. S. C. Saxena Vice-Chancellor, JIIT Noida

### Chairman:

Prof. S. C. Katyal HoD, PMSE

### Program Coordinators:

Dr. Manoj Kumar Associate Professor, PMSE

Dr. Sandeep Chhoker Associate Professor, PMSE

Dr. Himanshu Pandey Assistant Professor, PMSE

### Resource Persons:

The FDP will be endorsed with several distinguished speakers invited from well-known premier institutions and Jaypee Institute of Information Technology, Noida.

Dr. Prabir Pal Senior Scientist, NPL New Delhi

Dr. Rajesh Kumar Associate Professor, IIT Indore

Dr. Mandeep Singh Assistant Professor, GNDU Amritsar

### Who can participate:

The program is open to all the faculty members/ scientists/ engineers working in educational institutes/ industries/ R&D organizations.

### How to Register:

Registration fee: ₹2500/-. All the participants would be provided refreshment/lunch on each day of the FDP. No TA/DA or lodging will be provided.

### Fill online registration form:

<https://forms.gle/Xcrb4PAyknrGUUkK6>

### Bank details for NEFT:

Bank Name: IDBI Bank Ltd.

Bank Account Number: 109102000007436

Beneficiary's Name: Jaypee Institute of Information Technology

IFSC code: IBKL0000109



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JAYPEE INSTITUTE OF INFORMATION TECHNOLOGY  
(Deemed to be University under section 3 of UGC act 1956)  
A-10, Sector-62, Noida-201309, Uttar Pradesh

**One week Faculty Development Program**  
**On**  
**Synthesis and Characterization of Materials**  
**01 - 06 July, 2019**



**Organized by**  
**Department of Physics and Materials Science**  
**and Engineering**  
**JIIT Noida**

**Last date of Registration: 28<sup>th</sup> June 2019**

### Contact Details:

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