

## 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 & Engineering (PMSE) department offers Physics and Materials Science courses to B. Tech. / M. Tech./M.Sc. 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 Workshop:

This workshop aims to provide an overview and cover various possible research and applications of cryogenics and superconductivity. The workshop also aims to create awareness among students, researchers, faculty members and scientists of different colleges, universities, industries and research labs about the recent trends in these areas.

## Following key areas will be covered:

- Cryogenic refrigeration & Liquefaction
- Cryo-pumps, Expanders, Compressors and Regenerators
- Cryogenic Instrumentation
- Superconducting Materials
- Superconducting Magnets & Devices
- Superconducting Wires and Tapes
- Applied superconductivity: Power transmission cable
- High speed Transportation
- Superconducting cavity and particle accelerators
- Cryobiology & Cryogenics in food Industry

## Chief Patrons:

Hon’ble Shri Jai Prakash Gaur ji

Hon’ble Shri Manoj Gaur Ji

## Patrons:

Prof. S. C. Saxena

Vice Chancellor JIIT

Prof. H. O. Gupta

Director, JIIT Sector 128

Prof. D. K. Rai

Dean Academics & Research

## Organising Committee:

**Chairperson:** Prof. S. C. Katyal

## JIIT Advisory Committee:

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Prof. S. P. Purohit

Prof. R. K. Dwivedi

**Convenor(s):** Dr. Dinesh Tripathi

Dr. Anuj Kumar

**Secretary:** Dr. B. C. Joshi

Dr. Anuraj Panwar

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Dr. Himanshu Pandey

Dr. Ashish Bhatnagar



विद्या तत्त्व ज्योतिसमः

JAYPEE INSTITUTE OF INFORMATION TECHNOLOGY

(Deemed to be University under section 3 of UGC act 1956)

A-10, Sector-62, Noida-201309, Uttar Pradesh

## Two days Workshop

on

## CRYOGENICS & SUPERCONDUCTIVITY



27 - 28 September 2019

Organized by

Department of Physics and Materials Science  
and Engineering, JIIT Noida

**Last date of Registration: 31<sup>st</sup> August 2019**

**Contact Email: wocsjiit2019@gmail.com**

**Who can participate: Faculty, Researchers, Scientist,  
Industrialist, Engineers, Equipment Suppliers**

**Certificate of participation will be provided to all**

### Advisory Committee:

Prof. A. K. Raychaudhuri	SNBNC, India
Prof. S. Ramkrishnan	TIFR, India
Dr. R. G. Sharma	IUAC Delhi, India
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Dr. T. K. Nandi	IIT Kharagpur, India
Prof. Murlidhar Miryala	SIT, Japan

### Address for communication

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Physics and Materials Science and Engineering  
Jaypee Institute of Information Technology, Noida  
A-10, Sector -62, Noida-201307, U. P.  
Ph: 9911933397/7409627749/7417956376, 0120-25943689  
Email: [wocsjiit2019@gmail.com](mailto:wocsjiit2019@gmail.com)

### How to reach:

#### Metro:

The institute is situated just opposite to Noida Electronic City metro station.

#### Train:

Noida is well connected to the New Delhi, Old Delhi and Ghaziabad railway stations by bus. Cabs can be hired just outside the railway stations.

#### Airport:

The nearest airport to Noida is New Delhi airport. You can either take metro or hire a taxi from airport to reach JIIT.

### Important Dates:

Registration open:	<b>July 15, 2019</b>
Registration closed:	<b>August 31, 2019</b>
Abstract submission open:	<b>July 15, 2019</b>
Abstract Submission Closed:	<b>September 15, 2019</b>

### How to Register:

- Step 1: Fill the registration form.
- Step 2: Pay the registration fee.
- Step 3: Scan the filled form and fee payment receipt/bank draft.
- Step 4: Send the filled registration form along with the payment receipt and payment details to convener of workshop at [wocsjiit2019@gmail.com](mailto:wocsjiit2019@gmail.com)

In case the fee is paid through bank draft, you should submit the draft at the registration desk during the workshop. Registration fee includes lunch and tea during the program.

### Registration Fee

Industry Personal	INR 2000
Academicians/ Scientists	INR 1000
Research Students	INR 500

### Payment of Fee:

#### Online:

A/c Holder Name: Jaypee Institute of Information Technology

Bank Account No.: 109102000007436

Bank Name: IDBI Bank Ltd.

MICR Code: 110259011

IFSC Code: IBKL0000109

#### Bank Draft:

In favor of "Jaypee Institute of Information Technology".  
The bank draft should be payable at Noida.



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**Two days Workshop**  
**on**  
**CRYOGENICS & SUPERCONDUCTIVITY**  
**(WOCs-2019)**

## REGISTRATION FORM

Name : .....

Academic Qualification : .....

Designation : .....

Department : .....

Organization : .....

Address (O) : .....

Phone/Email : .....

Payment Details : .....

Signature of the Candidate