

Chief Patrons

Hon'ble Shri Jaiprakash Gaur ji

Hon'ble Shri Manoj Gaur ji

Patrons

Prof. S. C. Saxena

Vice Chancellor, JIIT, Noida

Prof. Hari Om Gupta

Director JIIT 128, Noida

Organizing Committee

Chairperson: Prof. Alka Tripathi
(HOD Mathematics)

Convener(s): Dr. Lakhveer Kaur
Dr. Amita Bhagat

Departmental Advisory Committee

Prof. R. C. Mittal

Prof. B. P. Chamola

Dr. Lokendra Kumar

Dr. PatoKumari

Dr. D. C. S. Bisht

Dr. Yogesh Gupta

Dr. Pinkey Chauhan

Dr. NehaAhlawat

Dr. Mohd. Sarfaraz

Prof. A. K. Aggarwal

Prof. Sanjeev Sharma

Dr. Amit Srivastava

Dr. P. K. Srivastava

Dr. Anuj Bhardwaj

Dr. Himanshu Agarwal

Dr. Neha Singhal

Dr. Trapti Neer

National Advisory Committee

Prof. Manoj Kumar,
MNNIT, Allahabad

Prof. Roshan Lal, IIT
Roorkee

Prof. Kusum Deep, IIT
Roorkee

Dr. Madhu Jain, IIT
Roorkee

Prof. Sumit Srivastava,
Manipal University,
Jaipur

Prof. B. D. Sharma,
Former Professor, Clark
Atlanta University, USA
Prof. Bani Singh, Former
Professor, IIT Roorkee
Prof. R. K. Gupta, Central
Univ. of Punjab
Prof. Kalpna Sharma,
Manipal University, Jaipur

Workshop On Scientific Research Tools for Enriching Skills in Science and Technology (November 6-7, 2020)



Organized by
Department of Mathematics
Jaypee Institute of Information
Technology
Noida
Website: www.jiit.ac.in

Overview

The primary focus of workshop is to explore contemporary and advanced revolutions in multi dimensional field of scientific research tools for enriching skills in sciences and technology. Today Scientific research tools, specially the mathematical software tools have the capability to facilitate a dynamic approach to learning, to allow students to become involved in discovery and to consolidate their own knowledge, thus developing conceptual and geometrical understanding and a deeper approach to learning. Emergence of such mathematical tools and its ability to deal with most of the undergraduate and postgraduate learning cannot be ignored by engineering educators. The best way to use mathematical software is to use the subroutines it provides, rather than implementing complex algorithms using their scripting language. Therefore it is very much clear that scientific research tools can be classified as carriers that broadly facilitate research and technology with skill development with more accuracy and efficiency.

Resource Persons

The sessions in the workshop will be delivered by eminent personalities and experts from reputed academic institutions and universities.

About the University

Jaypee Institute of Information Technology (JIIT), Noida was established in the year 2001 and has been declared as a “Deemed to be University” under Section 3 of UGC Act 1956. The university is accredited by the National Assessment and Accreditation Council (NAAC) of the UGC. The undergraduate and post graduate programs of the university have been approved by AICTE. JIIT’s 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. JIIT has been constantly ranked amongst the top engineering college in Delhi NCR. Recently it has been ranked among top Engineering Colleges in India by NIRF (MHRD) Rankings.

Who can participate?

The program is open to all Research Scholars/Faculty Members/Scientists/Engineers working in Educational Institutes/Industries/ R&D organizations. Participants are advised to keep laptops for hands-on practice during the sessions.

Mode of Workshop

All the sessions will be conducted in online mode via **Google Meet**.

Department of Mathematics

Mathematics plays a key role in the development of modern sciences, engineering, management and many other important areas. With this aim in mind the Department of Mathematics was created from the very inception of the institute. Besides catering to the basic needs of the various B. Tech. / M. Tech./M.Sc. programs of the institute, it had a strong fervor towards research and development from the very beginning and efforts are being made for the convergence of Mathematics with other disciplines by introducing courses of interdisciplinary nature such as Fuzzy sets and systems, Information theory and coding, Fractals and Chaos, Finite Element Methods, Optimization Techniques etc. At present a number of research scholars are working for Ph.D. degree in various areas of specialization.

E-Certificate

The certificate of participation will be issued only to those candidates securing more than 80% attendance. Quiz will be conducted after completion of the workshop. Participation in quiz is mandatory.

E-certificates will be sent to the participants by email.

How to Apply?

The interested persons can register through the following link with complete payment details:

<https://forms.gle/Ch5CFvD1FK5T9w1n8>

Registration Fee

Industry personnel	Rs. 500
Academics	Rs. 300
Research Scholars/Students	Rs. 100

Participants can pay the fees by online mode.
Last date of Registration is **26th October, 2020**.

Bank Details for NEFT

Bank and Branch: Axis Bank,
KARKARDOOMA, NEW DELHI 110092

Beneficiary Name: Jaypee Institute of
Information Technology

Account Number:910010050443719

IFSC code:UTIB0000372

**There are limited seats for the participants.
Registration will be done in order of First
Come First Served basis.**

Contact Persons:

Dr. Lakhveer Kaur and Dr. Amita Bhagat

Department of Mathematics

Jaypee Institute of Information

Technology, Noida-Uttar Pradesh.

Contact no: 9899273989, 9999291230

Email: mathjiitevent2020@gmail.com