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Hon'ble Shri Manoj Gaur ji

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  Vice Chancellor, JIIT
- Prof. H.O. Gupta
  Director, JIIT 128

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         (HOD Mathematics)
Convener(s): Dr. Parul Tiwari
         Dr. Lakhveer Kaur
         Dr. Suresh Kumar Shukla

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**CSIR SPONSERED
NATIONAL WORKSHOP
ON
RECENT TRENDS IN MATHEMATICAL
MODELLING AND SCIENTIFIC
COMPUTING**
(APRIL 7-8, 2017)

Organized by
Department of Mathematics

**VENUE
Jaypee Institute of Information Technology
Sector 128,
Noida 201301 – U.P.
Tel: 0120-4195800
Website: www.jiit.ac.in**

Overview

Mathematical modelling is a well established scientific branch for translating real world problems into tactable mathematical formulations whose theoretical and numerical analysis provides insights, answers and guidance for the originating applications. Learning about mathematical modeling is an important step from a theoretical mathematical training to an application-oriented mathematical expertise, and makes us fit for mastering the challenges of our modern technological culture.

The aim of this workshop is to bring together researchers and students from Academia and the Industry for thorough exposition on the basic ideas on the analysis of Mathematical Modelling to promote the interchange of ideas, identify possible areas of collaboration and provide networking opportunities in the field of Mathematical Modelling. The workshop includes a series of lectures on the techniques of mathematical modelling in conjugation with sophisticated software packages like MATHEMATICA, MAPLE, and MATLAB by eminent speakers.

Registration Fee

Industry personnel	₹ 2500
Academicians'	₹ 1500
Research Scholars/Students	₹ 500

Participants can pay the fees either by demand draft or by cash (at the time of registration). Demand draft should be in favour of "Jaypee Institute of Information Technology", payable at NOIDA.

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 undergraduate programs of the university have been accredited by the National Board of Accreditation of 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. Well equipped modern laboratories and an intellectually stocked Learning Resource Centre with over 43750 books, 1.7 lacs e-Resources and resources provide a pleasant and stimulating ambience. 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 Edu Rand 2014 Engineering College Rankings. As per NIRF (MHRD) 2016 JIIT, Noida is best in NCR and 3rd best in North India among private engineering institutions and 60th best in country among all Govt./Pvt. engineering institutions.

Department of Mathematics

Mathematics plays a key role in the development of modern sciences, engineering, management and many other important areas of activities. 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. 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 Wavelets, Fractals and Chaos, Finite Element Methods, Optimization Techniques etc. The Department has a good blend of pure and applied mathematics which provides a vibrant research atmosphere. We offer M. Tech. program in Applied and Computational Mathematics. At present twelve research scholars are working for a Ph. D. degree in various areas of specialization.

Who can participate?

The program is open to all Research Scholars/Faculty Members/ Scientists/ Engineers working in Educational Institutes/ Industries/ R&D organizations.

Important Dates

Last date for Submission of
Application Form: 20thMarch, 2017

Display of List of Selected
Participants: 1st April, 2017

How to Apply

The interested persons may submit the dully filled application form to:

Dr. Parul Tiwari / Dr. Lakhveer Kaur/ Dr. Suresh K. Shukla
Department of Mathematics
Jaypee Institute of Information Technology
Sector -128, Noida, 201304, U.P.
Contact no: 0120-4195945, 4195839, 9350258922, 9899273989
It can be emailed at *rtmmscjiit@gmail.com*.

Accommodation and support

All the participants would be provided tea/lunch on each day of the workshop. Limited paid accommodation may be available on request on first come first served basis.

How to reach

Metro: The station closest to the campus is <u>Botanical Garden</u>, Noida. Shared autos and reserved autos are available there.
Railway: The New Delhi Railway Station and the Old Delhi railway station connect Noida to the Indian railway network.

APPLICATION FORM

NATIONAL WORKSHOP ON RECENT TRENDS IN MATHEMATICAL MODELLING AND SCIENTIFIC COMPUTING

(APRIL 7-8, 2017)

Name (In capital letters)……………….………

Designation………………….…………

Affiliation / Institution………………………..

Specialization……………….………………...

Correspondence Address……………….………

E-mail ……………………………....................

Mobile No…….:…………………………………

DD No…………………Date………………

Accommodation Required: Yes/No

Date and time of arrival:

Date and time of departure:

Date   Signature