One Week Faculty Development Program

on

Advances in Network Modeling and Optimization Techniques

(ANMOT-2019)

03rd June, 2019 – 08th June, 2019

Organized by

Department of Computer Science & Engineering
**Jaypee Institute of Information Technology,
Sector-128, Noida**
(Declared Deemed to be University under Section 3 of UGC Act 1956)

About the Institute

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 63076 books and 3.5 lacs e-Resources.

For more info: **http://www.jiit.ac.in**

How to Reach JIIT, Sector-128, Noida

The nearest railway station to Noida is New Delhi and Hazrat Nizamuddin. Cabs or Autos can be hired just outside the railway stations.

Moreover, these stations are well connected with Metro. The metro stations closest to the campus are NOIDA CITY CENTER/ OKHALA BIRD SANCHURY/ SECTOR-83. Shared autos and reserved autos are available there. You have to book one for JIIT, Sector-128.

Chief Patrons

Hon'ble Shri Jaiprakash Gaur Ji
Hon'ble Shri Manoj Gaur Ji

Patrons

Prof. S.C. Saxena, Vice Chancellor, JIIT
Prof. Hariom Gupta, Director, JIIT 128

Chairperson

Prof. Krishna Asawa,
CSE Dept. Coordinator, JIIT128

Conveners:

Dr. Mukesh Saraswat
Dr. Sanjeev Patel

Organizing Members:

Dr. Himani Bansal
+91-9899973621
Dr. Om Prakash Patel
+91-8817996929
Mr. Raju Pal
+91-7840045107
Mr. Sudhanshu Kulshrestha
+91-8376994736
Mr. Ashish Tripathi
+91-9999865120
Mr. Rupesh K. Koshariya
+91-9085307820

About the Program

Optimization techniques are the tools to be used for solving complex real-world optimization problems where traditional methods generally fail. The aim of the proposed FDP is to educate the participants about the fundamentals of these techniques for network modeling & its optimization by using hands-on practice. Moreover, participants will be able to use its state-of-the-art tools to improve their research and interact with the experts for the enhancement of their knowledge. The program will be delivered with practical approaches to convey information more effectively and enable the visualization and application of optimization techniques in network domain.

Course Contents

The major contents of the course will cover the following.

- Introduction to Optimization Techniques
- Basics of Linear and Non-linear Optimization
- Constraint Optimization
- Stochastic Optimization in Network Modeling
- Swarm Intelligence based Optimization
- Evolutionary Algorithms
- Network/Resource Optimization

Duration & Venue

The duration of the FDP is six days.
Venue is:

**Jaypee Institute of Information Technology
Jaypee Wish Town, Sector-128, Noida**

Important Dates

Last date for online registration: **May 15, 2019**
Faculty Development Program: **June 03-08, 2019**

Speakers & Dignitaries

A set of prominent faculty members of reputed institutes as well as eminent speakers from research organizations would deliver the expert-lectures and hands-on sessions. All the speakers are associated with the best premier institutions of India.

Correspondence Address

Dr. Mukesh Saraswat / Dr. Sanjeev Patel
Department of CSE,
Jaypee Institute of Information Technology,
Jaypee Wish Town, Sector-128, Noida-201304
E-mail: mukesh.saraswat@jiit.ac.in (Mukesh Saraswat) sanjeev.patel@jiit.ac.in (Sanjeev Patel)
Phone: 0120 – 4195860/4195850,
+917836035454/ +919873814970

Registration

The applicants are required to fill the online registration form. The details of the registration fee are as follows:

Faculty: Rs. 2500/-

The registration fee should be made through Cash at the time of registration or NEFT to the following beneficiary:

Beneficiary Account Name: Jaypee Institute of Information Technology

Account Number: 910010050443719

Bank Name: AXIS Bank

IFSC-Code: UTIB0000372

Bank Address: Axis Bank Ltd, Karkordooma, New Delhi-110092

Fill online registration form:
https://forms.gle/q54Y91SUzRNu3ZB26

- The registration fee contains Lunch and Tea during FDP.
- The participants have to bear their own travelling and accommodation expenses.
- Limited accommodation will be provided on first come first serve basis to the participants, based on the availability of rooms in the institute Guest House and Hostels on payment basis.