ONE WEEK FACULTY DEVELOPMENT PROGRAM
on
OPTIMIZATION TECHNIQUES AND APPLICATIONS
July 01-06, 2019

Organized by

**Department of Mathematics
Jaypee Institute of Information Technology
A-10, Sector-62, Noida, UP-201309,
INDIA**

CHIEF PATRONS

Hon'ble Shri Jaiprakash Gaur ji

Hon'ble Shri Manoj Gaur ji

PATRON

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

CONVENER

Prof. Alka Tripathi, HOD (Mathematics), JIIT

PROGRAM COORDINATORS

Dr. Pankaj Kumar Srivastava
Assistant Professor (Senior Grade)
Email: *pankaj.srivastava@jiit.ac.in*
Contact No. +91-120-4195935, +91-9650516758

Dr. Yogesh Gupta
Assistant Professor (Senior Grade)
Email: *yogesh.gupta@jiit.ac.in*
Contact No. +91-120-2594345, +91-9953891505

JAYPEE INSTITUTE OF INFORMATION TECHNOLOGY AND DEPARTMENT OF MATHEMATICS

Jaypee Institute of Information Technology (JIIT), Noida, an AICTE approved, NIRF (MHRD) ranked and NAAC accredited Deemed University has been constantly ranked amongst the top engineering institutes in north India. (http://www.jiit.ac.in)

Mathematics is at the background of almost advancements in various domains of engineering and technology. With this view point, the Department of Mathematics strives to make an impact on the disciplines of mathematics, engineering and on the broader society through internationally recognized research in pure and applied mathematics, dedicated teaching that empowers undergraduate and graduate students to formulate and solve mathematical problems. Besides catering to the basic needs of the various B. Tech. / M. Tech. programs of the Institute, it has a strong fervour towards research and development from the very beginning. At present a number of research scholars are working in various specialized areas of Mathematics.
(http://www.jiit.ac.in/mathematics-0)

THE FACULTY DEVELOPMENT PROGRAM

Optimization can be defined as the act of obtaining the best result under the given circumstances. Optimization technique has been a basic tool in all areas of applied mathematics, engineering, business and other sciences. Design, construction and maintenance of engineering systems involve decision making both at the managerial and the technological level. The one week FDP aims to introduce the participants to these optimization techniques and provide them with hands-on experience, enabling them to apply the techniques in their respective fields.

RESOURCE PERSONS

The FDP will be endorsed with several distinguished speakers invited from well-known premier institutions and JIIT University.

KEY CONTENTS OF THE PROGRAM

➢ Introduction to optimization techniques
➢ Convex optimization
➢ Nature inspired optimization
➢ Reliability optimization
➢ Applications of optimization in engineering, sciences and management.

WHO CAN PARTICIPATE

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

REGISRATION FEE

The registration fee is **Rs. 2500/-** which includes lunch and tea during the program. Limited accommodation can be provided on first come first serve basis to the participants, based on the availability of rooms in the Guest House and Hostels of Institute on payment basis.

Registration fee can be paid either online transfer (NEFT) or DD drawn in favour of "Jaypee Institute of Information Technology" payable at Noida.

BANK DETAILS FOR NEFT

Bank and Branch: IDBI Bank, Sector 18, Noida
Beneficiary Name: Jaypee Institute of Information Technology
Account Number: 109102000007436
IFSC code: IBKL0000109

HOW TO REGISTER

To complete the registration, the applicants are requested to fill the Google form provided in the link below

https://forms.gle/shkk6XxDuqQsMWMW7

Last Date of Registration: June 25, 2019.

Participants are limited to 50 and selected on a first come first serve basis.