

Faculty Development Programme

on

Computational Techniques & Tools for Research

Jointly Organized by

Department of Mathematics &
Department of Computer Science
Engineering

Institute of Engineering and Technology



In collaboration with

Michigan Technological University & Soft
Computing Research Society



&



October 6 – 8, 2016
Thursday to Saturday

Venue

JK LakshmiPat University
Near Mahindra SEZ, Mahapura, Ajmer Road
Jaipur – 302 026 (Rajasthan) India

PREAMBLE

The aim of this FDP is to disseminate the knowledge of useful computation tools for various areas of multiple research disciplines. These computational tools are well suited for inter-disciplinary research and encourage the researchers for doing collaborative work.

This FDP will be focused on theory and practice sessions on latest computational techniques and tools.

ABOUT JKLU

Set up in a sprawling 30 acre campus, JK LakshmiPat University (JKLU) offers students an open, green and high-tech learning environment, combining the serene settings of the Gurukuls of yesteryears with the technological advancements of the new age. JKLU has been set up under Rajasthan Private Universities Act by "LakshmiPat Singhania Foundation for Higher Learning". Visualised to emerge as a premier institution of higher learning with global standards, JKLU has put in place a state-of-the-art academic infrastructure for conducting Graduate, Post Graduate and Ph.D. programs.



AREAS TO BE COVERED

Differential Equation

Data Visualization

Mathematics for Parallelizing Algorithms

Nature Inspired Algorithms

Cluster Analysis

Hands-on using Mathematica

RESOURCE PERSONS

1. Dr. Allan Struthers
Professor
Department of Mathematical Sciences
Michigan Technological University,
Houghton, USA
2. Prof. Dr.-Ing. Anupam Kumar Singh
Director – Institute of Engineering and
Technology
3. Dr. Jagdish Chand Bansal
Assistant Professor
Department of Mathematics, South Asian
University, New Delhi
4. Dr. Sonal Jain
Associate Professor
Department of Computer Science
Engineering
5. Dr. Jaya Gupta
Assistant Professor
Department of Mathematics

STRUCTURE OF THE PROGRAMME

The programme is divided broadly into four parts :

1. Opening of Soft Computing Research Society, Jaipur Chapter
2. Generalized Sessions related to research
3. Theory Sessions based on topics listed.
4. Lab/Practice Sessions

Last date of Registration	October 1, 2016
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REGISTRATION FEE

Registration fee includes study material, kit, breakfast, lunch. The Accommodation on the campus would be arranged on payment basis.

Academician/Professional	Rs. 1000.00
Research Scholar	Rs. 500.00
SCRS Member	Rs. 750.00

The fee is to be made by Demand Draft, drawn in favour of: 'JK Lakshmipat University' and should be Payable at 'Jaipur'. The fee is not refundable, once paid. Registration Form and demand draft should be sent to:

O/o The Director
Institute of Engineering and Technology
JK Lakshmipat University
Near Mahindra SEZ, Mahapura, Ajmer Road
Jaipur – 302 026 (Rajasthan) India
www.jklu.edu.in
Tel: 01417017500/504

ORGANIZING COMMITTEE

Chief Patron

Prof. Dr. R L Raina, Hon'ble Vice Chancellor
JK Lakshmipat University (JKLU) Jaipur

Patron

Prof. Dr.-Ing. Anupam Kumar Singh, Director
Institute of Engineering and Technology (IET)

Conveners

Dr. Sonal Jain
Associate Professor
Department of Computer Science Engineering
IET – JKLU, Jaipur
sonaljain@jklu.edu.in, 07742249707

Dr. Umesh Gupta, Associate Professor-
Department of Mathematics
IET – JKLU, Jaipur
umeshgupta@jklu.edu.in, 09214021278

ABOUT JAIPUR

Jaipur is one of the finest planned cities of India, located in the semi-desert land of Rajasthan. The city which once had been the capital of the Royalty now is the capital city of Rajasthan. The very structure of Jaipur resembles the taste of the Rajputs and the Royal families.



REGISTRATION FORM

Name: _____

Designation: _____

Affiliation: _____

Correspondence Address:

Mobile: _____

Email: _____

Participants Category: (Please tick)

- Academician/Professional
- Research Scholar

Accommodation required: Yes/No

Details of Payment

DD No.: _____

Bank & Branch _____

Amount: _____

Date

Signature

Name and Signature of Head of Department (In case of Sponsored Candidates)