ORGANIZING COMMITTEE

CHIEF PATRON:
Prof. Vinay Kumar Pathak
Hon'ble Vice Chancellor
Dr. APJ Abdul Kalam Technical University, Lucknow

PATRON:
Prof. H.K. Paliwal
Director, IET Lucknow

CHAIRMAN:
Prof. S.P. Tripathi, Head, CSE, IET

CO-ORDINATORS:
Dr. Pawan Kumar Tiwari, CSE, IET
Prof. K. V. Arya, CSE, IET

ADVISORY COMMITTEE:
Prof. Maheshwari Tripathi, CSE, IET
Prof. D. S. Yadav, CSE, IET
Prof. M. H. Khan, CSE,IET
Prof. Y. N. Singh, CSE, IET
Prof. Girish Chandra, CSE, IET
Prof. Vinit Kansal, CSE, IET
Dr. Sanjay Singh, Coordinator-TEQIP-III

CONVENERS:
Mr. Manik Chandra, CSE, IET
Dr. Upendra Kumar CSED, IET
Mrs. Parul Yadav, CSED, IET

LOCAL ORGANIZING COMMITTEE:
Dr. Pradeep Bajpai, Registrar, IET
Mr. Rajiv Mishra, Deputy Registrar, IET

RESOURCE PERSONS:
Prof. D. P. Vidyarthi, JNU, New Delhi
Prof. Bala Sundaram JNU, New Delhi
Dr. Nishchal K. Verma, IIT Kanpur
Prof. A. K. Srivastava, (Ex-Director, Institute of Science, BHU)
Prof. Alok Singh, University of Hyderabad
Dr. Pragya Dwivedi, MNNIT Allahabad
Dr. Manu Pratap Singh, Dr. B.R. Ambedkar University, Agra
Dr. Anupam Yadav, NIT Uttrakhand
Dr. Vibhor Kant, LNMIIT Rajsthan

ABOUT THE FDP:

The Department of Computer Science & Engineering of Institute of Engineering and Technology (IET) Lucknow, is Organizing TEQIP-III Sponsored 05-days Faculty Development Programme on "Soft Computing Approaches and its Applications" from 12th -16th March, 2018. The FDP is designed to bring Researchers, Academia and Technocrats from different parts of the country to a common gathering for exchanging and sharing the knowledge about traditional as well as recent Soft Computing Approaches and its applications in various areas. The Experts from prestigious Institutes & Universities such as IIT Kanpur, JNU New Delhi, MNNIT Allahabad, University of Hyderabad, NIT Uttarakhand etc. will deliver expert talks and practical demonstration in the course.

The number of participants from different Institutions/Universities and Industries are expected to participate. Due to limited number of seats as per guidelines of AICTE the registration will be done on the first cum first basis. No accommodation will be provided however the committee will help to find the suitable accommodation nearby the institute campus.

The participants are going to gain extensive details of subject knowledge along with practical knowledge. It will help them to do better teaching and to conduct research activities at their institutes.

ABOUT INSTITUTE:

The Institute of Engineering and Technology (IET) Lucknow is one of the premier government technical Institute of Engineering and Technology in Uttar Pradesh, India. It is committed to achieve quality and excellence in academic pursuits. The Institute was established in 1984. The institute was formerly affiliated to The University of Lucknow (1984-1999), currently an autonomous institute and recognized by AICTE. The institute is a constituent college of Dr. APJ Abdul Kalam Technical University, Lucknow.
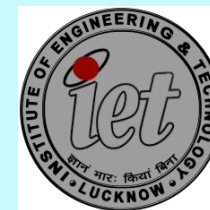
HOW TO REACH:

The city of Lucknow is well connected by road, rail and air with all the important places of India. The Institute of Engineering &Technology (IET) Lucknow campus is only 12 Kms from Lucknow railway station, 23 Kms from the airport.

Faculty Development Program
on
Soft Computing Approaches and its Applications
(SCAA-18)

12-16 March, 2018

Sponsored By
TEQIP III, IET LUCKNOW

Organized By
Department of Computer Science & Engineering
IET Lucknow

Contact:
Dr. Pawan Kumar Tiwari
Prof. K. V. Arya
Ph: +91 9013743658, 7007451175
Email: pawantiwari@ietlucknow.ac.in

Institute of Engineering and Technology,
Sitapur Road, Lucknow – 226021
An Autonomous Constituent Institute of
Dr. A.P.J. Abdul Kalam Technical University, Lucknow

Web: https://www.ietlucknow.ac.in

Faculty Development Program
on
Soft Computing Approaches and its Applications (SCAA-18)
12-16 March, 2018
IET Lucknow

COURSE MATERIAL:
Hard or Soft copies of lecture notes and presentations will be made available to participants at the end of FDP. Registration kit, lunch and tea will be provided to each participant.

Objectives of the course
1. To develop a theoretical foundation of soft computing
2. To provide a forum to exchange views, ideas & the latest innovations in the field of Soft Computing.
3. To improve faculty's ability in carrying out research in the area of Soft Computing.
4. To provide exposure to the available tools & techniques.
5. To provide hands-on training to demonstrate fundamental concepts of Soft Computing.

Topics to be covered
1. Introduction to Soft Computing, Scope and Limitations, Soft Computing vs Traditional Computation Techniques, Approaches of Soft Computing
2. Introduction to Heuristics and Meta Heuristics.
3. Genetic Algorithm, Modified Genetic Algorithm, Particle Swarm Optimization Techniques and its application in Various Areas
4. Fuzzy Sets & Fuzzy Logic, Deep Learning and Deep Fuzzy Networks, Application of Fuzzy sets and Genetic Algorithm in the area of Recommender Systems
5. ABC Algorithm and its Applications
6. Support Vector Machine/ Neural Network/ Evolution Inspired Computation Techniques and its applications

WHO CAN ATTEND?
The programme is open to the teachers of Engineering Colleges, MCA Colleges and other allied disciplines. No course fee is charged from participants.

HOW TO APPLY?
The registration is a two steps process:

1- Submission of Registration Form: Participants are required to download the registration form from the link provided "download registration form" available on (**https://goo.gl/1pFFPJ**) or institute website (**https://www.ietlucknow.ac.in**). Kindly fill the downloaded form manually and get it dully signed by concerned authority (principal/director) of your institute and send the scanned copy of SCAA-18 registration form to "**scaa18iet@gmail.com**" on or before 10th March, 2018. Participants are also required to submit hard copy of the registration form on the first day of FDP.

2. Submission of Online Application Form: Kindly fill your details to be provided in the online application form given in institute's website (**https://www.ietlucknow.ac.in**) and submit it.

SELECTION CRITERIA:
Selection will be done based on first-come-first-serve basis to a maximum number of 30 (thirty). The list of selected participants will be intimated through e-mail. The certificates will be issued to candidates on successful completion of the course.

VENUE: Departmental Seminar Hall, 2nd floor, CSE Department, IET Lucknow.

Important Dates:
Last Date of Registration: March 10, 2018
Intimation of Selection: March 11, 2018
Duration of Program: March 12-16, 2018

Faculty Development Program
on
Soft Computing Approaches and its Applications (SCAA-18)
Organized By
TEQIP-III & Department of Computer Science & Engineering
Institute of Engineering and Technology, Sitapur Road, Lucknow – 226021

REGISTRATION FORM
1. Name: …………………….......................

2. Father's Name: …………………………….

3. Institution : …………………………………….

4. Designation : ……………………………….

5. E-mail ID: …………………………………..

6. Mobile no.: …………………………………

7. Aadhar no.: ………………………………..

8. Address for correspondence: ……………

………………………………………………….

………………………………………………….

9. Subjects taught so far: …………………….

………………………………………………….

10. Educational Qualification: ……………..

11. No. of refresher courses/workshop

attended: ……………………………….......

12. Experience (in years): …………………….

Place:
Date:

Signature of   Signature & Seal
Applicant   (Head of Dept./Institute)