

TEQIP-II Sponsored

Short Term Training Program (STTP) on “**Soft Computing and Intelligent Techniques in Science and Engineering (SCI-TSE)**”

From

September 30th to October 4th 2016

Registration Form

Name:

Designation:

Organization:

Qualification:

Correspondence Address:

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Tel. (O) (R)

(M)

E-Mail:

Registration Fee is paid in the form of Cash/DD

Amount.....

No.....Date

Name of the Bank.....

Accommodation Required: Yes / No

Date:

Place:

Signature

Note:

- Demand draft should be made in favour of “Director, National Institute of Technology Raipur”, payable at SBI GCET (IFS Code:SBIN0002852), Branch Raipur(CG).
- Original/Scan copy of DD along with the registration form must reach to the coordinators on or before 28th September 2016
- PDF copy of registration form can be downloaded from the institute website: www.nitr.ac.in/conference.php

Patron

Prof. Sudarshan Tiwari
Director, NIT Raipur

Co-Patron

Dr. S. Sanyal
Dean (R&C), NIT Raipur

Convener

Dr. N.K. Nagwani
Deptt. Of Computer Sc. & Engineering

Coordinators

Dr. Dilip Singh Sisodia
Dr. Pradeep Singh
Dr. J Satya Eswari

Organizing Committee Members

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Dr. Sarsij Tripathi
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One Week TEQIP-II Sponsored Short Term Training Program

On

Soft Computing and Intelligent Techniques in Science and Engineering (SCI-TSE)

From

September 30th to October 4th 2016

Coordinators

Dr. Pradeep Singh
Dr. Dilip Singh Sisodia
Dr. J Satya Eswari



Organized by

Department of Computer Sc. & Engineering
National Institute of Technology Raipur
G.E. Road, Raipur-492010, Chhattisgarh, India
www.nitr.ac.in

About the Institute



National Institute of Technology Raipur situated in the capital of Chhattisgarh, has proven to be "avant-garde" in the field of science and technology over past few decades in this region. With sweet memory of foundation ceremony by our president Hon'ble Dr. Rajendra Prasad on 14th September 1956. The institute started with two departments namely Metallurgical and Mining Engineering. Later the inauguration of the Institute building was done by our Prime Minister Hon'ble Pt. Jawaharlal Nehru on 14th March 1963. From 1st December 2005, the institute has become the National Institute of Technology. It is well connected with Mumbai, Delhi and all metro cities by regular flights and is on the main Howrah-Mumbai railway route. The institute is 5 km from the Raipur railways station and 18 km from airport on NH-6, the Great Eastern Road.

About Department

The Department of Computer Science & Engineering was established in the year 2000. Presently, the Department offers Bachelor of Technology (B.Tech.) with an intake of 92 and Doctor of Philosophy (Ph.D.) programs in various active research domains of Computer Science & Engineering including text mining, software fault prediction, machine learning, soft computing, cloud computing, distributed systems and real time systems etc.

Objective

The Short term course is proposed to give an exposure to students and researcher to understand the concept of soft computing, Intelligent Techniques and their implementation for solving various problems. An entire session will be available for participants to discuss individual problems with the session experts. By the end of the program they will be able to understand the basics of soft computing, Intelligent Techniques, its real time implementation on MATLAB/R, how to use this on processing and analysis of data with different approaches.

The event is aimed at imparting knowledge and training on the basic fundamentals of soft computing, Intelligent Techniques and its application in Science and Engineering. Expert lectures will be delivered by faculty and scientists from academia and industries. This program will be beneficial to students at undergraduate level, post graduate level, research scholars and young researchers who intend to practice/begin research processing and analysis of any data. Distinguishing features of this program include lecture session and hands-on training of discussed topics.

Selection

The course coordinators reserve the right of selection of participants. The preference will be given to the participants from outside the institute (NIT Raipur). Intimation regarding selection will be sent to the candidates via email as per the schedule. Certificates will be issued to the participant's only after attending the complete course. No TA/DA will be paid to the participants. However, paid accommodation may be provided to outside candidates at the institute hostels, provided request for the same is made in the registration form, well in advance.

Topics to be covered

By keeping this in mind, we have proposed the following topics to be discussed during the short term programme. Experts from IITs, NITs and R&D centers will be delivering the lectures.

- Artificial Neural Networks
- Evolutionary Algorithms
- Classification (Individual and Ensemble learners)
- Clustering
- Applications of Soft computing and Intelligent Techniques in
 - Bioinformatics
 - Software Engineering
 - Image processing
 - Text mining
- Hands on experience using different Soft computing and Machine Learning tools

Targeted Participants:

- Under-&Post- Graduate
- Faculties/Research Scholars
- Industrial persons/Young Entrepreneurs

Registration Fee Details (in INR):

Participants	Amount (in Rs)
Students/ Research Scholars	500
Academic Faculty/Staff members	1000
Industry Delegates	3000

Application in the prescribed format with registration fee in the form of Demand Draft drawn in favor of "Director, NIT Raipur" must reach the coordinator on or before 28th Sept, 2016. Registration fee includes registration kit, tea and lunch during the program. Fee is non-refundable. Selected candidate will be informed by email as per the schedule.

Important Dates

Last date of receipt of application: 28.09.2016
Notification of selection by email: 29.09.2016.