

Self Finance
Short Term Training Program (STTP) on
“Soft Computing Techniques and It’s
Applications”

From Jun 20-24, 2016

REGISTRATION FORM

Name:
Designation:
Organization:
Qualification:
Correspondence Address:

.....
.....

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 Raipur.

- Photocopies of registration form may be used.

CHIEF PATRON

Dr. Sudarshan Tiwari

Director, NIT Raipur

PATRON

Dr. S. Sanyal

Dean Research and Consultancy, NIT Raipur

CONVENOR

Prof. H. Bikrol

Department of Computer Applications

Prof. S. Ghosh

Department of Electrical Engineering

COORDINATORS

Dr. Anamika Yadav

Dr. Kesri Verma

COURSE INSTRUCTORS

Faculty members from NIT Raipur and some guest speakers from other reputed institutes will take the classes.

Address for Correspondence

DR. ANAMIKA YADAV

CO-ORDINATOR

Assistant Professor, Dept. of Electrical Engineering,

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DR. KESRI VERMA

CO-ORDINATOR

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IMPORTANT DATES

Last date of receipt of application: 15.06.2016

Notification about selection (By Email):

16.06.2016

**One Week Self Financed
Short Term Training Program
on**

**Soft Computing & Data Mining
Techniques**

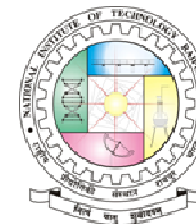
(SCDMT-2016)

June 20-24, 2016



Organized by

**Department of Electrical Engineering and
Department of Computer Applications**



**National Institute of Technology
Raipur-492 010 (Chhattisgarh)**

About the Institute:

National Institute of Technology Raipur situated in the capital of Chhattisgarh, has proven to be "avant-grade" 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. Jawahar Lal 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 Departments:

The Department of Electrical Engineering came in existence since 1958. The department offers undergraduate as well as postgraduate programs.

The department of Computer Applications was established in 1988. The department offers postgraduate course Master of Computer Applications.

The departments are running several sponsored projects from the government organizations and these are one of the leading department of Institute.

The departments provide an outstanding research environment and offers academic program leading to the award of Ph.D. degree. Various multidisciplinary research programs are running in these departments. The Academy is envisioned to become a central hub of research and training activity.

Objectives of the course:

1. Introduction the latest research areas and future development in the field of Soft computing, data mining, and Machine Learning
2. Tools, Techniques, Applications, Research Problems and Issues
3. To implement neural network techniques, fuzzy logic approaches, Data Mining and machine learning algorithms to solve different type of practical problems.
4. The relevance of soft computing research in pattern recognition, machine learning, image processing, data mining and control problems, among others, along with different real life applications is evident worldwide.

Theme/Scope:

The goal of this training programme is to bring together the scientists, scholars, and students from universities, research institutes, and industry from all around the nation to exchange new ideas face to face, to establish research or business relations and to find opportunities for future collaboration.

Selection : Since the number of seats is limited to **50**, the selection will be made on first cum first basis and intimation will be sent to the candidates by email as per the schedule. Certificates will be issued to the participants only after attending the complete course. No TA/DA will be paid to the participants. Accommodation may be provided on availability and payment basis at institute guest house and relevant hostels of NIT provided request for the same is made in the registration form.

Course Contents :

- Introduction to Soft Computing Techniques,
- Artificial Neural Network,
- Fuzzy Logic,
- Machine learning,
- Classification techniques,
- Data mining,
- Introduction to MATLAB/SIMULINK with integration of ANN and Fuzzy toolboxes.
- Application of different soft computing techniques in different fields of engineering like fault detection, classification, clustering, pattern recognition, signal and image processing etc.
- Hands on training with R-package.

Targeted Participants: Students, Research scholar, academician, industry participants.

Registration Fee Details (in INR):

Participants	Amount (in Rs)
Students/Research Scholars	2000
Faculty	3000
Industry Delegates	5000

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 15.06.2016. 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. Certificates will be issued to the participants only after attending the complete course.