

One Week Self-Sponsored
Short Term Training Programme (STTP)
On
“Nature Inspired Computing and
its Applications”
23rd - 27th October, 2017

REGISTRATION FORM

Name:

Designation:

Organization:

Qualification:

Correspondence Address:

.....

Tel. (O) (R)

(M)

Fax. No.....

E-Mail:

Registration Fee: Paid herewith in the form
of Cash/DD

Amount

DD. No.....Date

Name of the Bank.....

Accommodation Required: Yes / No

Date: Place:

Signature of the participant

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

Prof. A. M. Rawani, Director, NIT Raipur

Patron

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

Chairperson

Dr. (Mrs.) Shubhrata Gupta, Professor
Department of Electrical Engineering

Convener

Dr. S. Ghosh
HoD, Department of Electrical Engineering

Course Coordinators

Dr. Binod Shaw
Assistant Professor, NIT Raipur

Dr. Govind P. Gupta
Assistant Professor, NIT Raipur

Prof. Mridu Sahu
Assistant Professor, NIT Raipur

Address for Correspondence

Dr. Binod Shaw
Department of Electrical Engineering
NIT Raipur (CG) - 492 010
Email: bshaw.ee@nitrr.ac.in
Contact No.: +91-9832153849

Dr. Govind P. Gupta
Department of Information Technology
NIT Raipur (CG) - 492 010
Email: gpgupta.it@nitrr.ac.in
Contact No.: +91-9891952480

Prof. Mridu Sahu
Department of Information Technology
NIT Raipur (CG)-492 010
Email: mrisahu.it@nitrr.ac.in
Contact No.: +91-9826501139

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Organized by

Department of Electrical Engineering



**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 Department:

The Department of Electrical Engineering came into existence in 1958. The department aims at imparting the state of the art knowledge and skills to the students. The department provides an outstanding research environment and offers academic program leading to the award of B.Tech, M.Tech. and Ph.D. degree.

Venue:

Department of Electrical Engineering,
National Institute of Technology, G.E. Road,
Raipur-492010, (C.G.), INDIA

Objectives of the Course

Aim of this STTP is to provide up-gradation of knowledge and skills for students, research scholars, faculties, scientists involved in active research in the area of Nature Inspired Computing.

The course will provide a national forum for exchange of ideas among interested researchers, students, developers, and practitioners. The lectures will be delivered by distinguished experts in their field. This one week short term course will include lectures, special case studies **in the areas of Nature Inspired Computing** as well as **hands-on experiments using computational tools like MATLAB, R**, etc.

Speakers: Expert lectures will be delivered by distinguished faculties of the various branches from the institute.

Topics to be covered:

1. Introduction to Nature-inspired Computing
2. Nature Inspired Computing for Engineering Optimization Problems.
3. Nature-inspired computing based meta-heuristic algorithms.
4. Nature-Inspired Algorithms for Big Data Frameworks.
5. Applications of Nature-inspired Computing in Smart Grid, Control Theory, Remote sensing, Data Mining, Bioinformatics, Big Data Analytics, Machine learning, Image Processing, Network protocol design etc.
6. **Hands-on Experiments using MatLab and R.**

Targeted Participants:

- U.G. students
- P.G. students
- Ph.D. students

Selection:

Since the number of seats is limited to **40**, the selection will be made on **first cum first basis**. However, the preference will be given to the outside participants. Intimation regarding selection will be sent to the candidates by e-mail 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 & on payment basis at institute guest house and relevant hostels of NIT, Raipur provided request for the same is made in the registration form.

Registration Fee Details (in INR):

Participants	Amount (in Rs)
UG students	1000/-
PG / Ph.D. Research Scholar	1500/-
Faculty/ Industry Delegates	3000/-

Applications in prescribed format with registration fee in the form of Demand Draft drawn in favour of "**Director, NIT Raipur**" payable at Raipur, must reach the coordinator on or before **19th Oct, 2017**. Registration fee includes registration kit during the program. Fee is non-refundable. Certificates will be issued to the participants only after attending the complete course.

Important Dates:

Last Date of Registration: 19th Oct, 2017

Intimation Date: 20th Oct, 2017

STTP Date: 23rd -27th October, 2017

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On

“Nature Inspired Computing and its Applications”
23rd -27th October, 2017

Organized by
Department of Electrical Engineering,
National Institute of Technology, Raipur, C.G.

Full Name (Block Letter):

Name of College/Institution/Organization:

Qualification:

Designation:

Address:

Pin code:

Phone No./Mobile No.:

E-mail:

Do you need accommodation: (Yes/ No):

I have enclosed the registration fee of Rs.....by D.D. No

Dated.....in favour of “*Director, NIT, Raipur*” payable at SBI, GCET Branch, Raipur.

Place:

Signature of the participant

Date:

Duly filled registration form must reach to Department of Electrical Engineering, NIT-Raipur, before last date of receipt of registration form by post/by hand along with registration fee (D.D).