

One Week
Short Term Training Program
On
“Machine Learning: from Theory to
Modelling”

11th – 15th September, 2019

REGISTRATION FORM

Name:

Designation:

Organization:

Qualification:

Correspondence Address:

Tel. (O) (R)

(M)

Fax. No.....

E-Mail:

Registration Fee: Paid herewith only in the
form of DD/Banker's cheque
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 favor of **Director, NIT Raipur**, payable at Raipur.
- Photocopies of registration form may be used.

Chief Patron
Dr. A. M. Rawani, Director, NIT Raipur

Patron
Dr. (Mrs.) Shubhrata Gupta, Dean (R&C),
NIT Raipur

Coordinators

Dr. Neelamshobha Nirala
Assistant Professor, NIT Raipur

Dr. Aakanksha Sharaff
Assistant Professor, NIT Raipur

Address for Correspondence

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**Online Registration Link for this
STTP:**

[Click here](#)

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Short Term Training Program
On

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Modelling”

11th – 15th September, 2019



Organized by
Department of Biomedical Engineering
and
**Department of Computer Science &
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 Biomedical Engineering and Department of Computer Science and Engineering came into existence in the year 2003 and 2000 respectively. BME & CS&E department are the study, research and work place of approximately 550 students from the 28 states across India. The departments provide an outstanding research environment and offers academic program leading to the award of B.Tech. and Ph.D. degree.

Venue:

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

Speakers: Expert lectures will be delivered by distinguished faculties from outside and within the institute.

Objectives of the Course

This event is aimed at imparting knowledge and training on the basics of machine learning using available software (MATLAB/python). This program will be beneficial to students at undergraduate level, post graduate level, research scholars and young researchers who intend to practice/begin research in machine learning. This Short Term Training Program is proposed to give an exposure to students and researchers to understand the concepts of Machine learning and their implementation in software. By the end of the program they will be able to understand the basics of machine learning, its real time implementation on MATLAB/Python and its applications on various fields.

Topics to be covered:

- Introduction to Machine Learning (ML): tools and techniques
- Types of classification, supervised and un-supervised learning.
- kNN, k-means algorithms
- Decision Tree
- Support Vector Machine
- Regression
- Dimensionality reduction techniques
- Optimization techniques
- Applications of ML
- Hands-on training on applications of ML algorithms

Targeted Participants:

- U.G./ P.G. /Ph.D. students
- Faculty members
- Industry members

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.**

Registration Fee Details (in INR):

Participants	Amount (in Rs)
UG students	750/-
PG / Ph.D. students	1000/-
Internal Faculty of NITRR	1500/-
Faculty/Industry Delegates	2000/-

Applications in prescribed format along with registration fee in the form of Demand Draft/ Banker's cheque drawn in favor of "Director, NIT Raipur" payable at Raipur, must reach the coordinator on or before 9th September, 2019. Registration fee includes registration kit, lunch and handouts 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: 9th September, 2019

STTP Date: 11th – 15th September, 2019

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Short Term Training Program (STTP)
On
“Machine Learning: from Theory to Modelling”
11th – 15th September, 2019

Organized by
Department of Biomedical 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 Biomedical Engineering, NIT-Raipur, before last date of receipt of registration form by post/by hand along with registration fee (DD/Banker's cheque).