

**National Workshop on
“Deep Learning and Optimization
Techniques”**

From 24th February – 28th February 2020

REGISTRATION FORM

Name: _____

Designation: _____

Organization: _____

Qualification: _____

Correspondence Address: _____

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Tel. (O) _____ (R) _____

(M) _____

E-Mail: _____

Amount _____

DD/NEFT/RTGS No.....

Date _____

Bank Details _____

Accommodation Required: Yes / No

Date: _____ Place: _____

Signature of candidate.....

Signature of Supervisor / HoD / Principal /
Director.....

Note:

DD/NEFT/RTGS should be made in favor of
Director, National Institute of Technology
Raipur, payable at Raipur (CG), SBI bank,
GCET Raipur branch. Accommodation charge
has to be borne by the candidates.

For online Registration go through the following
link:

https://docs.google.com/forms/d/1NqjYwkqM0m_04SJCWh9Cjg_Yd_n8L-d1uqEtlSpPTFU/edit?ts=5d964f10

Payment should be made to the following
Account No.: 38027633250
Name: Director, NIT Raipur IFSC: SBIN002852
Photocopies of registration form may be used.

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

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

Chairman
Dr. Satya Prakash Sahu,
HoD,
Department of Information Technology

Coordinators
Dr. Tirath Prasad Sahu
Dr. Rekh Ram Janghel

Address for Correspondence:

Coordinator:
Dr. Tirath Prasad Sahu
Designation: Assistant Professor
Department of Information Technology
Email: tpsahu.it@nitrr.ac.in
Contact No: 98265-51906

Coordinator:
Dr. Rekh Ram Janghel
Designation: Assistant Professor
Department of Information Technology
Email: rrjanghel.it@nitrr.ac.in
Contact No: 94077-66486

**National Workshop on
“Deep Learning and Optimization
Techniques”**

24th – 28th February 2020



Organized by
**Department of Information
Technology**



**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 Information Technology** came into existence in year 2000. IT department is the study, research and work place of approximately 300 students from the 28 states across India. 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

**Information Technology Department
NIT Raipur (CG) – 492 010, INDIA**

Theme and Objectives and Scope

Deep Learning is one of the most highly sought after skills in technology. Deep learning is used in the research community and in industry to help solve many big data, and natural language processing. The Short term course is proposed to give an exposure to students and researcher to understand the concept of an intuitive approach for building complex models that help machines solve real-world problems with human-like intelligence. The intuitive approaches will be translated into working code with practical problems and hands on experience. The main objective of this workshop is to train you about how Deep Learning actually works, rather than presenting only a theoretical description. After successful completion of this workshop, you may be able to apply deep learning to your own applications. If you are looking for future career prospective in machine intelligence then this course may help you to answer some basic interview questions. This programme 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 programme include lecture session and hands-on training by experts.

Targeted Participants

Students, research scholars and faculties of Engineering and basic sciences of educational institutes and employees of industries

Topics to be covered

This workshop will help you learn the foundations of Deep Learning, understand how to build deep learning networks, and learn how to lead successful machine learning projects. Keeping this in mind, we have proposed the following topics (but not limited) to be discussed during the workshop:

1. Image Processing and Computer Vision
2. Neural Networks
3. Deep Learning Architectures (CNN, RNN, DBN, Auto encoder etc...)
4. Optimization Techniques (PSO, ABC, GA etc.)
5. Hands on Experiments on Optimization
6. Hands on Experiments on deep learning

Registration Fee Details (in INR)

Participants	Amount (in Rs)
UG Students	Rs 500/-
PG/PhD Students	Rs 700/-
Faculty and Industry Persons	Rs 1000/-

Application in the prescribed format with registration fee in the form of DD/NEFT/RTGS drawn in favor of **Director, NIT Raipur** must reach the coordinator on or before 21st February, 2020. Candidates may send scanned copy of the registration form along with scanned of DD/NEFT/RTGS transaction. Hard copy may then be submitted on the day of registration. Registration fee includes registration kit, high tea during the program and study materials. Fee is non-refundable. Fee does not include lunch & accommodation charges. Selected candidate will be informed by email/phone as per the schedule. Certificates will be issued to the participants only after attending the complete course.

REGISTRATION FORM

NATIONAL WORKSHOP

On “*Deep Learning and Optimization Techniques*”

24th –28th February, 2020

Organized by

Department Information Technology

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 Transaction ID _____

Dated_____ . (To the account of Director - Account No.: 38027633250, IFSC: SBIN002852, SBI, Raipur).

Place:	Signature of the participant
Date:	

Duly filled registration form along with the receipt of registration fee Payment must reach to the Department of Computer Science and Engineering, NIT-Raipur on or before the last date.