

**TEQIP-III Sponsored
Short Term Training Program (STTP) on
“Deep Learning Techniques and its
Applications”**

From
28th September to 2nd October 2017

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, Branch Raipur.
- Original/Scan copy of DD along with the registration form must reach to the coordinators on or before 26th September 2017
- PDF copy of registration form can be downloaded from the institute website www.nitr.ac.in

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Director, NIT Raipur

Patron
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Dean (R&C), NIT Raipur

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Dr. Sarsij Tripathi
Ms. Veena Anand

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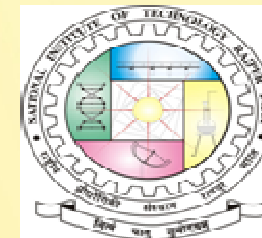
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**One Week TEQIP-III Sponsored Short
Term Training Program**

On
**Deep Learning Techniques and its
Applications**

From
28th September to 2nd October 2017

Coordinators
Dr. Dilip Singh Sisodia
Dr. Sarsij Tripathi
Ms. Veena Anand



Organized by
Department of Computer Sc. & Engineering
National Institute of Technology Raipur
(An Institute of National Importance)
G.E. Road, Raipur-492010,
Chhattisgarh, India

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 Computer Sci. & Engineering was established in the year 2000. Currently, the Department offers B. Tech with an intake of 92 and Ph. D. programmes in of Computer Sci. & Engineering. At present, the department has eight faculties. The department has carried out active research in different fields of computer science and Engineering.

Objective

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 STTP is to train you about how Deep Learning actually works, rather than presenting only a theoretical description. After successful completion of this STTP, 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.

Selection

The course coordinators reserve the right of selection of participants. 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

This STTP 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 short term programme.

- Concepts of Deep learning, Machine learning etc.
- Deep Network Architectures: DNNs, CNNs, RNNs.
- Hands-on Session using Python and TensorFlow/Keras.
- Case study on Sequence Labelling, Text Classification and Object Recognition etc.

Experts from IITs, NITs and other reputed organizations will be delivering the lectures and conduct hands-on sessions.

Targeted Participants:

- UG Students/ Research Scholars/ Faculty Members
- Industrial persons/Young Entrepreneurs

Registration Fee Details (in INR):

Participants Category	Amount (in Rs.)*
UG Students	500
Research Scholars (PG, Ph.D.)	1000
Faculty Members	1500
Industry Delegates	2000

*Including working breakfast and lunch during STTP.

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 26th Sept, 2017. 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: 26.09.2017

Notification of selection by email: 27.09.2017