

TEQIP-II sponsored 5-days
Short Term Training Programme (STTP)
On

“Big Data Processing and Cloud
Computing”

26th to 30th August, 2016

Organized by
Department of Information Technology
National Institute of Technology, Raipur

REGISTRATION FORM

Name:

Designation:

Organization:

Qualification:

Correspondence Address:

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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

Chief Patron

Dr. S. Tiwari, Director, NIT Raipur

Patron

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

Convener

Dr. Sudhakar Pandey
HoD, Department of Information Technology

Course Coordinators

Dr. Govind P. Gupta
Dr. R. R. Janghel

Organizing Committee Members

Prof. S. P. Sahu
Prof. Sanjay Kumar
Prof. P. K. Mishra
Prof. Mridu Sahu
Prof. Tirath Prasad Sahu
Prof. Rajesh Doriya

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on

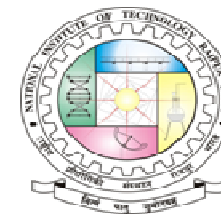
“Big Data Processing and Cloud
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Department of Information Technology



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

About the Institute:

National Institute of Technology, Raipur

(Formerly Known as GCET, Raipur) is an institute of national importance established in 1956. It is one of the premier institute in the field of science and technology in Central India. It is situated in the centre of Raipur, capital of a newly incepted state of Chhattisgarh. NIT Raipur is well connected to all parts of the country by rail and air. The institute is about 5 km from Raipur railway station and 25 km from Raipur airport.

About Department:

The Department of Information Technology came into existence in year 2000. Department of Information Technology aims at imparting the state of the art of knowledge and skills to the students in the field of Information Technology and to train them to become successful intellectuals of the society. The department provides an outstanding research environment and offers academic programs leading to the award of B.Tech. M.Tech. and Ph.D. degree.

Objectives of the Course

The objectives of this STTP are to provide up-gradation of knowledge and skills for students/research scholars/faculties/scientists in the area of Big Data Processing and Cloud Computing. The lectures will be delivered by distinguished experts in their field. The five days short term course will include lectures, special case studies in the areas of Big Data Processing and Cloud Computing as well as a hands-on practical experience on Big Data Processing Tools such as Hadoop and Apache Spark. In addition, it will also feature invited lectures from eminent industry expert and academicians. The scope of the presentations will include theoretical development in the area of Big Data Processing and Cloud Computing as well as real time implementation of the various problems. This programme will introduce **Hadoop and Apache Spark**: a Big Data Processing tools, and is one of its first kinds in the state of Chhattisgarh. The STTP will also address all-level researchers, and is aimed to help shaping future research directions and creating opportunities for new interdisciplinary collaborations.

Speakers: The lectures will be delivered by distinguished faculties from IIT, NIT, and eminent industry experts from IBM, Microsoft & Google.

Topics to be covered:

- Fundamentals of Big Data: Characteristics, Challenges and Opportunities
- Approaches for High-Performance Big Data Processing
- Hadoop Ecosystems, HDFS
- Introduction to the Map-Reduce Programming
- Large-scale parallel and distributed data processing using Apache Spark
- Application of Machine Learning algorithms for Big data Analytics
- Introduction to Cloud Computing, Cloud Service Models, Virtualization
- Security Issues in Cloud Computing,
- Cloud-based Big Data solutions

Registration Fee Details (in INR):

Participants	Amount (in Rs)
UG students	500/-
PG / Ph.D. Research Scholar	1000/-
Faculty	1500/-
Industry Delegates	2000/-

Applications in prescribed format with registration fee in the form of Demand Draft drawn in favour of “**Director, NIT Raipur**” must reach the coordinator on or before **19th August, 2016**.

Registration fee includes registration kit, tea and lunch during the programme. Fee is non-refundable. Since the number of seats is limited to 40, the selection will be made on first cum first serve 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.