

Self-Sponsored
Short Term Training Program (STTP) on
“Big Data Processing using Hadoop:
Implementation, Usage and Applications”

From
9th December to 13th December 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 7th December 2017
- PDF copy of registration form can be downloaded from the institute website www.nitr.ac.in

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

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

Convener
Dr. Mithilesh Atulkar
(Department of Computer Applications, NIT Raipur)
Dr. Sanjay Kumar
(Department of IT, NIT Raipur)

Coordinators
Dr. Dilip Singh Sisodia
Dr. Pradeep Singh

Organizing Committee Members
Dr. N.K. Nagwani
Dr. Manu Vardhan
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One Week Self-Sponsored Short Term
Training Program

On
Big Data Processing using Hadoop:
Implementation, Usage and Applications

From
9th December to 13th December 2017

Coordinators
Dr. Dilip Singh Sisodia
Dr. Pradeep Singh



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

About Department

The Department of Computer Sc. & 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

The event is aimed at imparting knowledge and training on the basics fundamentals of Big Data Hadoop and map-reduce computing paradigm and its applications in data analytics and research of data science fields. Expert lectures will be delivered by faculty and practitioners from academia and industry. 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 very huge data. Distinguishing features of this programme include lecture session and hands-on training of discussed topics.

The Short term course is proposed to give an exposure to students and researcher to understand the concept of softcomputing, Intelligent Techniques and their implementation for solving various problems. An entire session will be available for participants to discuss individual problems with the session experts. By the end of the programme they will be able to understand the basics of Map-Reduce Programming, HDFS, Pig, Hive, Scoop, YARN and its real time implementation using Java, Linux etc., and how to use this on processing and analysis of data with different approaches.

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 SITP will help you learn the foundations of Big Data Challenges, Introduction to Hadoop, Map-Reduce Programming, Hadoop Distributed File System, Pig, and Hive etc. Keeping this in mind, we have proposed the following topics (but not limited) to be discussed during the short term programme.

- Concepts of Big Data, Hadoop etc.
- Big Data Architectures: HDFS, Hive, Pig, Scoop, YARN
- Hands-on Session using big data tools.
- Case study on Map-Reduce and other tools.

Experts from 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	1000
Research Scholars (PG, Ph.D.)	1200
Faculty Members	1500
Industry Delegates	2000

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 24th November, 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: 6.12.2017

Notification of selection by email: 7.12.2017.

Account Details for Online payment



राष्ट्रीय प्रौद्योगिकी संस्थान रायपुर
NATIONAL INSTITUTE OF TECHNOLOGY RAIPUR
(Institute of National Importance)
G.E. Road, Raipur - 492010 (C.G.)

Phone: (0771) 22 54 200
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Email: director.nitr@rediffmail.com
Website: www.nitr.ac.in

Bank Details of NIT Raipur is as under:

Bank Name:	State Bank of India
Bank Branch:	G.C.E.T. Branch
Bank Address:	G.E. Road, Raipur. (C.G.) Pin - 492010.
City:	Raipur (C.G.)
Country:	India
Account No:	30054181310
Account Name:	Director NIT Raipur
Bank Branch Code:	02852
IFSC Code:	SBIN0002852
Swift Code:	SBININBB646
Phone No. of Branch:	0771- 4040791/795

Dy. Registrar (F&A)
NIT Raipur (C.G.)

