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Head of Department,
CSE I.I.T.(B.H.U),
Varanasi

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Deptt of Statistics,
Madras University

Dr. T. Vijay Kumar
Deptt of CSE, JNU Delhi

Dr. Parag Kulkarni
Founder CEO and Chief
Scientist, iknowlation
Research Labs, Pune

Dr. P. K. Chande
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SGSITS

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Prof. Ruby Jain

Prof. Durga Patel

One Week
Faculty Development Program
On
"Big Data & Hadoop"

(*31ST Jan to 4TH Feb, 2017*)

Sponsored by TEQIP-II

Technically associated with CSI And ACM

Jointly organized by
Department of Information Technology
&
School of Information Technology

RGPV, Bhopal

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PREAMBLE

Big data is a term for data sets that are so large or complex that traditional data processing applications are inadequate to deal with them. Due to the advent of new technologies, devices, and communication means like social networking sites, the amount of data produced by mankind is growing rapidly every year. The data generation rate is still growing enormously. Challenges include analysis, capture, data curation, search, sharing, storage, transfer, visualization, querying, updating and information privacy. Hadoop is just a single framework out of dozens of tools. It is an Apache open source framework written in java that allows distributed processing of large datasets across clusters of computers using simple programming models. A Hadoop frame-worked application works in an environment that provides distributed storage and computation across clusters of computers.

OBJECTIVES

- To understand the emerging trends in Big Data & Hadoop.
- Big Data and Hadoop Fundamentals
- Comprehensive knowledge of Big Data tools
- HDFS and MapReduce framework
- Learn to write MapReduce programs
- Hadoop tools and setup of single Hadoop cluster
- Data techniques using Sqoop and Flume
- Introduction of Hadoop Ecosystem

This FDP has been designed to address the issues related to current trends in big data and its impact on Software industries.

ABOUT THE UNIVERSITY

Established in the year 1998, by Madhya Pradesh Vidhan Sabha Act 13, 1998. Over a sprawling Campus of about 247 acres, the Rajiv Gandhi Proudyogiki Vishwavidyalaya is marching towards development into a center of excellence in the arena of Technical Education, Research and Innovations. Under its umbrella there are 05 UTD's , 200 affiliated Engineering Colleges, 98 Pharmacy Colleges, 95 MCA Colleges and 04 Architecture Colleges imparting Graduate level instructions running around 17 under graduate level courses, 57 Polytechnic institutions offering diploma courses.

ABOUT THE DEPARTMENT

UIT-RGPV is one of the premier engineering institutions in Central India. The Institution was established in the year 1986 by the Government of MP as the Government Engineering College (GEC), Bhopal. This Institution was declared a constituent college of RGPV (Technological University of the State of MP) w.e.f. from July 2002 by an order of Govt. of MP. It is currently known as UIT-RGPV.

Department of Information Technology prepares the students for wide range of IT careers equipping them with unique enriching experience of moulding tomorrow's technocrats with high caliber and commitment. IT laboratories are equipped with state of art laboratories with more than 200 computers in LAN, extensive experiments are conducted on Project Lab, Software Engineering and Network Engineering Labs which is an admirable attribute of the program. Faculty members are dedicated to impart excellence in Information Technology and energetic in research development work to cope with recent market drift.

REGISTRATION FORM

TEQIP SPONSORED FDP
ON

"Big Data & Hadoop"
(31ST Jan to 4TH Feb, 2017)

I am interested in attending the one week FDP being offered by you.

Name: --

Designation:---

Teaching Experience (in Years): ---------------------------

Department: ---

Institute/College:---

Address:---
-------- --

E-mail: --

Contact No.: --

Dated: --

Authorized Signatory
with seal

Name: --

Designation: ----------------- ----------------------------------

(Note: Last Date of Registration: 25-01-2017)