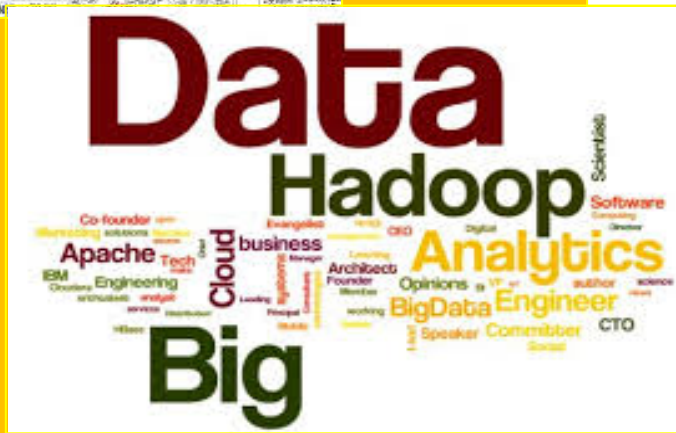


A Report of Technical ONE-DAY WORKSHOP on BIG DATA



Venue: Bhaskaracharya Institute for Space Applications
and Geo-Informatics, Gandhinagar
Date: 9th August, 2016



Conducted by
Centre for Development of Advanced Computing (C-DAC) ACTS, Pune
Organized by
Gujarat Technological University-GTU PG SCHOOL, Ahmedabad



Gujarat Technological University (GTU) is a technological university established by Government of Gujarat vide Act No. 20/2007. The university caters the entire field of Engineering, Pharmacy, Business Studies (MBA) and Computer Applications (MCA) in Gujarat. Today the university has about 5,00,000 plus students, 500 affiliated colleges and 17000 faculties and a large number of Master's programs and 67 master's program and a robust doctoral programs. The University is working with all the Colleges to sensitize them to the need for high quality of education. India's largest sensitization and support programs in IPR, Innovation, Start-ups and co-creation activities. Fourteen PG Research Centers and Schools in the advanced field of Technology, Policy and Skills. It is today the largest University in Gujarat.

GTU is running Post Graduate Degree awarding programs in collaboration/affiliation M.E. program in collaboration with C-DAC, ACTS and BISAG, Gandhinagar following courses with,

1. M.E. in Computer Engineering (Network Security)
2. M.E. in Computer Engineering (Wireless & Mobile Computing)
3. M.E. in Computer Engineering (High Performance Computing)
4. M.E. in Electronics and Communication (VLSI & Embedded Systems)

Expert faculty from CDAC Mr. Bhushan Jadhav, Ms Darshana Chauhan, OSD, Mr. Bhadrash Gohil-Assistant Professor, Mr. Naresh Kumar Gardas- CDAC ME Course Co-ordinator, Mr. Saket Jha, Ms. Shivi Sukla, Ms. Nidhi Gopal from CDAC-ACTS, Mr. Harish Gohil along with **105 Students** from GTU affiliated colleges attended the workshop.

Main objective of this workshop was to provide latest technology Introduction to Big data and Hadoop, Hadoop ecosystem components, **Practical demos on following topics** essential HDFS Commands, Execution of Map reduce program on Word count, **Practical demos on following topics** Essential HDFS Commands, Execution of Map reduce program on Word count, NoSQL databases, MongoDB , Hbase, Hive of Big Data.

Ms. Darshana Chauhan, OSD, GTU, has welcomed all the students, introduced GTU PG ME Course and Expert Faculty Mr. Bhushan Jadhav.

Program started with the Saraswati vandana.



Mr. Bhadrash Gohil, Assistant Professor welcomed with the gift of token to Expert Faculty Mr. Bhusahn Jadhav.

About Expert Faculty Mr. Bhusahn Jadhav



He has completed B.E. in Computer Engineering from Ramrao Adik Institute of Technology, Mumbai University. M.E. in Computer Engineering from Thadomal Shahani Engineering College, Mumbai University. Pursuing Ph.D. in Technology (Computer

Engineering) from Thadomal Shahani Engineering College, Mumbai University. He has delivered Several Workshops at national and International level, and he has authored several books.

Book Written: 1) **Parallel and Distributed Systems**, ISBN Number: 9788126558674, Publisher: Wiley India Pvt Ltd. Format: Paperback 2) **Information Management**, ISBN Number: 9788126560646, Publisher: Wiley India Pvt Ltd. Format: Paperback and 3) **Grid and Cloud Computing (In print)**, Publisher: Wiley India Pvt Ltd. Format: Paperback

Research Papers Published: 1. "Implementation of Private Cloud for Educational Institutions", *Multicon 2014 Conference*, TCET Mumbai, Feb 2014. and 2. "Implementation of IaaS based Private Cloud using Eucalyptus", *Multicon ICWAC 2013 Conference*, TCET Mumbai, Feb 2013.

Area of Specialization: Computer Network, Linux programming, Middleware technologies, Virtualization, Cloud Computing and Big data analytics.

Technical session details glimpses covered by Experts :



The goal of workshop was to provide insights about big data and related technologies. The workshop was started with basics about big data and discussed related case studies. Later on interactive practicals were demonstrated like Hadoop, Map-reduce, Hive, Hbase and MongoDB. The topics of the workshop were very new and are used currently in the industries. The students can use the concepts learned during the workshop to start their research activities or projects related to Big data.

Workshop Learnings [Big Data Workshop Training PPTs](#)

The students has participated in this workshop very enthusiastically and taken initiation for entire day. At the end of the day certficate distribution ceremony happened for the students and Faculties.



At the end, Ms Darshana Chauhan has extremely expressed Gujarat Technological University, Ahmedabad for providing GTU PG SCHOOL such opportunity to organize the workshop. She expressed her deep sense of gratitude to Dr. Rajul Gajjar, Hon'ble Vice Chancellor & GTU, Dr. J.C. Lilani, Registrar GTU, she expressed Vote of Thanks to the CDAC-ACTS, Pune and Expert faculty Mr. Bhusahn Jadhav

At the end of the workshop students gathered for the **group photo session**.



On Behalf of GTU PG SCHOOL

Ms. Darshana Chauhan
Mr. Bhadresh Gohil
Mr. Naresh Gardas
Mr. Darshan Patel
Mr. Saket Jha
Ms. Shivi Shukla
Ms. Nidhi Gopal
Mr. Harish Vaghela

List of students attended Workshop Annexure-A

No Of Students	College Name
1	Birla Vishvakarma Mahavidhyalaya
15	Dr. Jivraj Mehta Institute Of Technology, Anand
5	Gandhinagar Institue Of Technology
2	GEC, Modasa
6	GEC, Patan
3	GIT
1	Government Enggineering College
39	GTU PG School
9	Narnarayan Shashtri Institute Of Technology
1	Nsit,Jetalpur
12	Other
2	S.P.B. Patel Engineering College
5	Saffrony Institute Of Technology
1	Universal College Of Engineering And Technology
1	Vadodara Institute Of Engineering