



DEV BHOOMI INSTITUTE OF TECHNOLOGY

DevBhoomi Campus, Chakrata Road Navgaon, Manduwala, Dehradun, Uttarakhand, INDIA
Apporved By AICTE, Affiliated to Uttarakhand Technical University, Dehradun

Event Report (2017-18)

Name of Department	Master of Computer Applications
Category of event organized	Guest Lecture
Title of the event	Guest Lecture on Hadoop Ecosystem
Date of event organized	10 April 2018
Name of event coordinator	Mr. Sandeep Sharma
Class of participant	MCA 1st Year/MCA 2nd Year/MCA 3rd Year
No.of Participant	67
Name of Expert	Mr. Bhavuk Chawla
E-mail Id of Expert	bhavuk@datacouch.io
Designation and Adress of the expert	Founder CTO, Data Couch. Pitampura, Delhi 110034 India
Objective of the event	<p>Fault detection and recovery Since HDFS includes a large number of commodity hardware, failure of components is frequent. Therefore HDFS should have mechanisms for quick and automatic fault detection and recovery.</p> <p>Huge datasets – HDFS should have hundreds of nodes per cluster to manage the applications having huge datasets.</p> <p>Hardware at data – A requested task can be done efficiently, when the computation takes place near the data. Especially where huge datasets are involved, it reduces the network traffic and increases the throughput.</p>
About of the Event	<p>DBGI is a Foundation who works for there students welfare, so we keep doing events on different topics.</p> <p>Hadoop File System was developed using distributed file system design. It is run on commodity hardware. Unlike other distributed systems, HDFS is highly faulttolerant and designed using low-cost hardware.</p> <p>HDFS holds very large amount of data and provides easier access. To store such huge data, the files are stored across multiple machines. These files are stored in redundant fashion to rescue the system from possible data losses in case of failure. HDFS also makes applications available to parallel processing.</p>
Outcome of the event	<p>Ability to identify the characteristics of datasets and compare the trivial data and big data for various applications.</p> <p>Ability to select and implement machine learning techniques and computing environment that are suitable for the applications under consideration</p>



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Photos of Events:

