



Web Report on Guest Lecture on “Big Data: Issues and Challenges”

Title	Guest Lecture on “Big Data: Issues and Challenges” for the students of MCA
Date	August 27, 2015
Resource Person/Facilitator	Mr. Santanoo Patnaik, , Sr. Technology Consultant, Sansoft Technologies (India) New Delhi
Summary	<p>In today's environment, hoarding knowledge ultimately erodes your power. If you know something very important, the way to get power is by actually sharing it. A Lecture is an occasion when you numb one end to benefit the other. Hence the speaker elaborated on three major areas related to Big data - Concept of Big Data, Big Data Issues and Challenges</p> <p>Keeping in view the growing importance of Big Data a guest lecture was organized by MCA Department which gave a hands-on experience on the topic to the students.</p> <p>Big Data is about extracting valuable information from database in order to use it in intelligent ways such as to revolutionize decision-making in businesses, science and society. Big Data analytics is able to handle data volume (large data sets), velocity (data arriving at high frequency), variety (heterogeneous and unstructured data) and veracity (data uncertainty) – the so called fours of Big Data.</p> <p>Moving ahead, Sir explained about issues involved in Big Data. The main issue in Big Data is some of the conceptual points that should be understood by the organization to implement the technology effectively. Big data Issues are need not be confused with problems but they are important to know and crucial to handle like Issues related to the Characteristics Data Volume, Storage and Transport Issues, Data Management Issues and Processing</p>

Issues.

Followed by issues in Big data, Sir discussed about the challenges in Big Data that are usually the real implementation hurdles which require immediate attention. Any implementation without handling these challenges may lead to the failure of the technology implementation and some unpleasant results. Some of the challenges are linked with Privacy and Security, Data Access and Sharing of Information, Analytical Challenges, Human Resources and Manpower and Technical Challenges like fault tolerance, Scalability, Quality of data and working with unstructured data.

In this Guest lecture some of the important issues were covered by the resource person. Sir has explained various important aspects while estimating the significance of implementing the Big Data technology in an organization and some direct challenges to the infrastructure of the technology.