

# **Rukmini Devi Institute of Advanced Studies**

**Madhuban Chowk, Rohini, Delhi-110085**

**(Approved By AICTE &Affiliated With GGSIP University)**

## **DOSSIER**

*On*

**Guest Lecture on Big Data: Issues and Challenges for  
the students of MCA**

*From*

August 27, 2015

**Prof. Col. (Retd.) Mahander Singh**  
Director General, RDIAS



**Resource Person/Facilitator:** Mr. Santanoo Patnaik, Sr. Technology Consultant, Sansoft Technologies New Delhi

**Summary:** 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, velocity, variety and veracity the fours of 'Big Data'.

Sir also explained the issues involved in Big Data. The main issue is some of the conceptual points that should be understood by the organization to implement the technology effectively. Big Data is crucial to handle Issues related to Characteristics Data Volume, Storage and Transport Issues, Data Management Issues and Processing Issues.

Sir then discussed the challenges 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.