

**Vasavi College of Engineering**  
Ibrahimbagh -31  
**Department of Computer Science & Engineering**

A Report on Guest Lecture on “**Hadoop Managing Big Data**” conducted on Sept 2<sup>nd</sup>, 2013

A Guest Lecture on “ **Hadoop - Managing Big Data** ” was delivered by Mr. A. Ashish, Lead, ERP Operations, at TCS Hyderabad, Executive Committee Member at Swecha (NGO) and Mr. Pramod, Big Data Architect, CapGemini, on Sept 2<sup>nd</sup>, 2013 for students of BE 3/4 CSE.

The objective of the session was

- To convey the difference between proprietary software and free software.
- To convey the advantages and disadvantages of OLAP & OLTP.
- To convey the role of Big Data.
- To convey the challenges in managing the complex Data Set.

Mr. A. Ashish has started off lecture with discussed of Internet Freedom in the broader sense with major emphasis on software being employed to accomplish the day to day purposes.



Speaker has conveyed that Free Software with decent set of features & security, with enough freedom of usage to the user. It has also analyzed that free software are majorly being adopted by the student community as it is freely available or sometimes available at nominal cost.

In comparison Proprietary Software are powerful plus more reliable, but restrict the users' freedom.

Users are just inert consumers of proprietary software and are legally restricted from examining its source code.

The Speaker Mr. A. Ashish concluded his talk by conveying his role at Swecha, an NGO which basically focuses on motivating the student community to use open source free software and to train the students in developing projects using free software development model. The current projects of Swecha aims at coming out with a localized version of GNU/Linux in Telugu.

Mr. Pramod started off with little introduction to concept of database manage system includes Meta Data, Data Retrieval methods using SQL, Semantic Search, & Web 3.0.



The Speaker explained how big companies like Google, Twitter and Face Book use Big data in marketing and how it is being used in modern world to study user activities where security & privacy are affected. He also described about evolution of Hadoop File system and Map reduces technique when compared to Google File system (GFS).

The session ended with Q & A session. Students showed interest in collaborating with Swecha and ensured to be part of Swecha.