

GUEST LECTURE ON BIG DATA AND DATA WAREHOUSING

Date: 16-March-2019

Timing: 9:00 AM – 11:00 AM

Venue: Seminar Hall, AIMT

Faculty Co-Ordinator: Prof. S. Mohanty

A two hours Guest lecture was organized on “Big Data and Data Warehousing”. Students of MBA-14 Batch (2017-19), MBA-15 Batch (2018-20) and faculty members were attended the session.

Profile of the Speaker:

Mr. Amit Gairola, an alumnus of IIM Bangalore and is currently employed as DGM and Head-Data Science in Samsung Data Systems India. Mr. Gairola has more than 20 years of experience in the IT industry domains, like Data Analytics, Business Analytics and Machine Learning. Mr. Gairola has deep knowledge and holds technical expertise in Artificial Intelligence tools, Business intelligence, Data Warehousing and Big Data.

Objectives:

- To provide insights of various concepts of Big Data, Data Warehousing and Big Data through Industry perspectives.
- To provide an opportunity to learn about the concepts from an industry expert.

Content:

The session was started with a brief introduction to Data Warehousing, Data Mining and Big Data. He shared his personal experiences to become a data scientist and then he continued on the topic. He explained a new industry concept called as “Golden Data” and how data warehouses are used to share information among the various departments of a company from around the globe.

He then continued with an explanation to the differences and different uses of OLTP and OLAP. He then enlightened the students with an introduction to the various Informatica tools available and how effectively they can be used to process the data. He also explained about “tableau” which is used as Data Visualization tool in Business Intelligence. He then proceeded a pictorial representation of the steps involved in data mining and data warehousing, by explaining the different tools used in each process.

He also explained about ODS (Operational Data Stores) which were being used by small scale or medium scale companies/industries. He also discussed Hive Case Study- NASA used for climate Change, Architecture of Data Warehousing, introduction of Hadoop and how GST in India implemented with Hadoop.

The session was quiet informative and concluded with relevant questions by the students and faculty. Students were participated with full zeal and interest.



