



13/10/2017 and 14/10/2017

MALLA REDDY COLLEGE OF ENGINEERING & TECHNOLOGY
(Autonomous Institution – UGC, Govt. of India)

Big Data Analytics workshop for all **III BTech** students of CSE was conducted in MRCET campus for two days on **13/10/2017 and 14/10/2017** at Robert Elliot Hall. This workshop was inaugurated by **Dr.VSK Reddy, Principal, MRCET**, who welcomed the participants and appreciated CSE department for taking the initiative to organize the event.

Prof. K Kailasa Rao, Director of CSE and Dean placements, informed the students that the hardware to process big data is easily accessible, the software is free, and the processing models are accessible. With big data, a whole lot of information comes in, and not much comes out.

Dr. D Sujatha, HOD, CSE added that Big data grows by the easy sharing of data on the web and with mobile applications, and is the backbone of social interactions and many business transactions. When integrated with data from social media like Twitter (7 terabytes/day) and Facebook (10 terabytes/day), big data acquires a real-time dimension.

The challenges of big data are difficult as new approaches for handling the increasing amounts of data need to be specified precisely based on the context from that definitional space. The four different ways to view the problem were discussed: volume of data (too much data), ubiquity of sensor data, data fusion challenges, and too much of a certain type of data.

Open source projects like Hadoop and Cassandra are common platforms for big data solutions. Using the open source environment is both economical and ensures that efforts continuously remain at the cutting edge of technology.

At the end of the workshop the participants established their own Hadoop Environment.

Event co-ordinators: Mr M V Kamal, Mrs V Suneetha, Mrs. R Radha, Mr Y Dileep Babu, Mrs R Sujatha, Mr Chandra Sekhar, Mrs Novy Jacob, Mrs P Soujanya.

