

**A Report on Webinar in the topic of “Impact of Big Data on Innovation in Industry”
Organised by Department of Computer Science Engineering - Data Science
01.11.2023**



MADANAPALLE INSTITUTE OF TECHNOLOGY & SCIENCE
(UGC-AUTONOMOUS INSTITUTION)
Madanapalle-517325, Annamayya Dist., Andhra Pradesh

Organized by
Department of Computer Science and Engineering(Data Science)
Webinar on
**“Impact of Big Data on
Innovation in Industry”**
Resource Person
Dr. Suria R Asai
Principal Lecturer and Senior Consultant, Software Systems/Institute of
Systems Science, National University of Singapore, Singapore.

Date : 01/11/2023 Time : 10.00am to 11.30am Venue : Seminar Hall A

Chief Patron: Dr. N. Vijaya Bhaskara Choudary, Ph.D., Secretary & Correspondent
Patron: Mrs. Kaveri Madala, Executive Director
Program Chair: Dr. C. Tejaswi, Principal
Co-Chair: Dr. S. Kusuma, HOD & Assistant Professor, Dept of DS
Co-Ordinator: Mrs. Manjula Prabakaran, Assistant Professor, Dept of DS

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Submitted by: Mrs. Manjula Prabakaran, Assistant. Professor, Department of Data Science, MITS
Venue: Seminar Hall A

Coordinated by: Mrs. Manjula Prabakaran, Assistant Professor, Dept of Data Science

Total Participants: 143 Students of II year DS branch with 4 Faculties

Resource Person: Mrs. Suriya Priya Asaithambi, Principal Lecturer and Senior Consultant, Software Systems/ISS, National University of Singapore, Singapore.

Department of Computer Science Engineering - Data Science organized a Webinar entitled " **Impact of Big Data on Innovation in Industry**" through online mode on 01-11-2023.

The session started by 10.10 am with 143 participants which includes II-year students of DS branch. Felicitation address was given by Vice Principal **Dr. P. Ramanathan**.



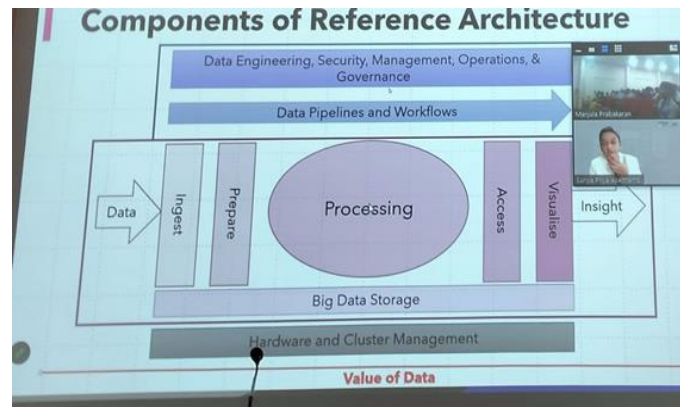
Dr. S. Kusuma, Head of the Department of Data Science, shared her views on the importance of Big data and motivated the students to learn the new concepts and informed the students to make the session more interactive by raising the questions to get good clarification on the concepts.

Mrs. Manjula Prabakaran, Assistant Professor, Department of Data Science, heartily welcomed all the dignitaries and the participants and introduced the resource person. Then the session handed over to the resource person.

The resource person initiated the session by extending her hearty thanks to the Management of MITS Madanapalle, Principal, Vice Principal, HoD, and organizing members, for giving an opportunity to share her knowledge and views on “**Impact of Big Data on Innovation in Industry**”. The resource person shared her valuable insights on several important topics.

Resource person has addressed on the following topics:

1. The integral role of Big Data Engineering & Machine Learning.
2. Facilitating the data-to-AI lifecycle within the IT sector.
3. How and where Big Data is used (Real time case study)
4. Comprehensive Big Data Pipeline & Machine Learning Models
5. Data Analytics and Visualization Tools
6. Proactive Approaches to the Challenges and Opportunities
7. Security Issues and Ethical Concerns
8. Skillsets and Tools needed to learn in AI & DS



Outcome of the Webinar:

1. Students learnt to delve into the integral role of big data engineering and machine learning services in facilitating the data-to-AI lifecycle within the IT sector.
2. Gained knowledge to intricate the processes involved, to address the inherent challenges, and the advantages of constructing a comprehensive big data pipeline and machine learning models.
3. This discourse is especially beneficial for data engineers aiming to design and develop systems that not only gather and to modify the data but also to generate actionable insights.
4. Students got awareness on the skills and tools in which they need to focus more in this field of study.



Vote of Thanks:

At 11:45 AM, the session concluded with a vote of thanks delivered by **Ms. Jothi, III Year A Section student, Department of Data Science**. She expressed sincere gratitude to the resource person for taking the time to share their expertise and for emphasizing the industry-oriented scope in Big Data to our students and for the clarifications given patiently by answering all the queries raised by the students throughout the session. Then the session ended with thanking the MITS management and higher officials for the opportunity given.