

Report on
Guest Lecture on
"Data Science Applications and Industrial Insights"
Organized by
Department of Computer Science & Engineering
31.05.2023




MADANAPALLE INSTITUTE OF TECHNOLOGY & SCIENCE
(UGC-AUTONOMOUS INSTITUTION)
Madanapalle-517325, Annamayya Dist., Andhra Pradesh
Department of Computer Science & Engineering
Organizing
Guest Lecture on
"Data Science Applications and Industrial Insights"
Resource Person
Dr. T. Vivekanandan
Professor
Dept of CSE
Sreenivasa Institute of Technology &
Management Studies, Chittoor
DATE
31/05/2023
Time
10.00 AM to 12.00 PM
Chief Patron
Dr. N. Vijaya Bhaskar Choudary
Secretary & Correspondent
Patron
Mrs. N. Keerthi
Executive Director
Program Chair
Dr. C. Yuvaraj
Principal
Co-Chair
Dr. N. Goulam Chakraborty
Distinguished Professor and Dean
Co-Chair
Dr. R. Kalpana
Professor & HoD
Convenor
Mr. K. Sathish
Assistant Professor
CSE Department
Coordinates
Mr. T. Thangarasan
Assistant Professor
CSE Department
Mr. P. Kallyamoorthy
Assistant Professor,
CSE Department
www.mits.ac.in

Submitted by : Mr. K Sathish, Assistant Professor, Department of Computer Science & Engineering, MITS, Madanapalle.

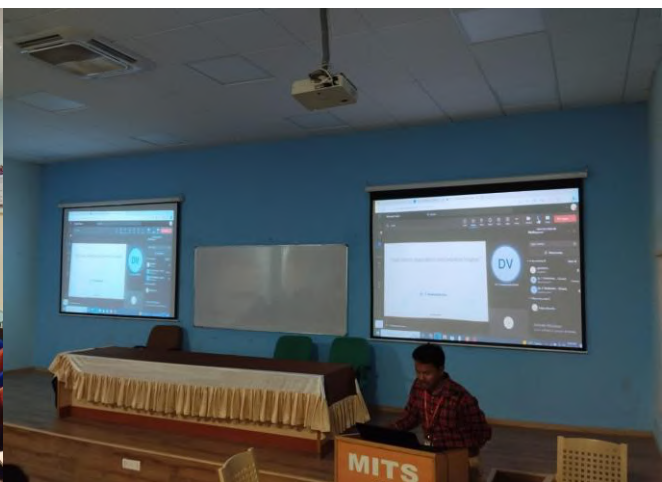
Co-ordinated by : Mr. T Thangarasan, Assistant Professor, Department of Computer Science & Engineering, MITS, Madanapalle.

Report Received on 07.06.2023

Attendance: 100 participants (Internal)

The programme started at 10:00 AM, the entire programme was organized by the Convenor: Mr. K. Sathish, Assistant Professor, Department of Computer Science & Engineering and Dr. R.Kalpana, HOD/CSE, delivered the welcome address to the gatherings.

The resource person Dr.T.Vivekanandan, Professor in CSE, Sreenivasa Institute of Technology & Management Studies, Chittoor, Andhra Pradesh, was introduced by Mr. K. Sathish, Assistant Professor, Department of Computer Science & Engineering.



The resource person started the session by extending his hearty thanks to the participants, organising members, HoD, Principal and Management of MITS Madanapalle for giving his opportunity to share her knowledge and experience in Data Science Applications and Industrial Insights.

The following topics were discussed in the session.

- Introduction to Big data
- Definition and Characteristics of Big data
- The Hadoop Ecosystem
- Big Data Storage
- Big Data Processing
- Big Data Visualization
- Visual Analytics
- Introduction to Data science
- Practical Applications
- Visual Interactive Recommender Systems
- Ethics and Privacy in Learning Analytics
- [Data](#) visualization techniques for large datasets
- Data-driven decision-making in healthcare
- Exploratory data analysis techniques

The session was concluded at 12.00 PM followed by a vote of thanks, given by Coordinator of the Seminar **Mr T.Thangarasan**, Assistant Professor, Department of Computer Science & Engineering, MITS, Madanapalle.