

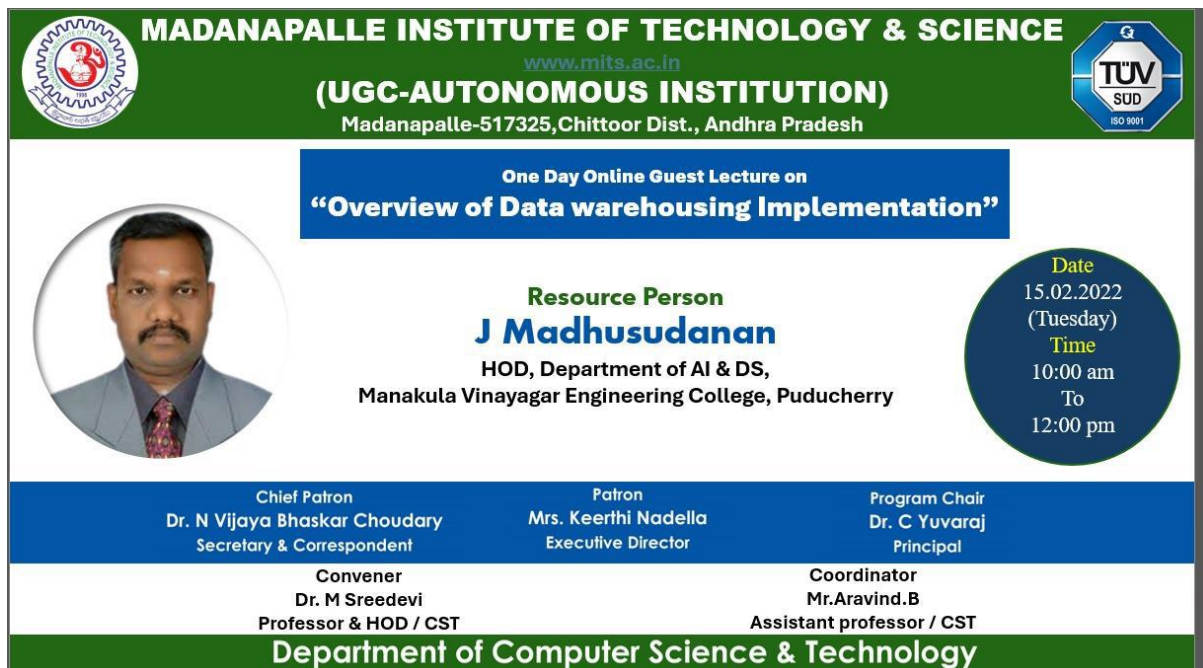
DEPARTMENT OF COMPUTER SCIENCE AND TECHNOLOGY

A Report on One-day Guest Lecture on “Overview of Data warehousing Implementation” 15 February 2022

Submitted by **Mr. Aravind B**, Assistant Professor, Department of CST.

Resource Person details:

Resource Person: **Dr. J Madhusudanan**
Designation: **Head Of the Department**
Department: **CSE**
Organization: **Manakula Vinayagar Engineering College, Puducherry**
Participants: **III Year CST students**
Attendance: **65 participants (Internal)**
Mode: **Online**



MADANAPALLE INSTITUTE OF TECHNOLOGY & SCIENCE
www.mits.ac.in
(UGC-AUTONOMOUS INSTITUTION)
Madanapalle-517325, Chittoor Dist., Andhra Pradesh

One Day Online Guest Lecture on
“Overview of Data warehousing Implementation”

Resource Person
J Madhusudanan
HOD, Department of AI & DS,
Manakula Vinayagar Engineering College, Puducherry

Date
15.02.2022
(Tuesday)
Time
10:00 am
To
12:00 pm

Chief Patron
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Program Chair
Dr. C Yuvaraj
Principal

Convener
Dr. M Sreedevi
Professor & HOD / CST

Coordinator
Mr. Aravind B
Assistant professor / CST

Department of Computer Science & Technology

Department of Computer Science and Technology, has organized Webinar on "**Overview of Data warehousing Implementation**" on **15-02-2022** (Tuesday), **10:00 am** to **12.00 pm**.

Objective:

The aim of this Guest Lecture is the students have to know about Data warehousing, Data Warehouse Architecture, Data Modeling, Data Quality and Governance its usage with practical implementation.

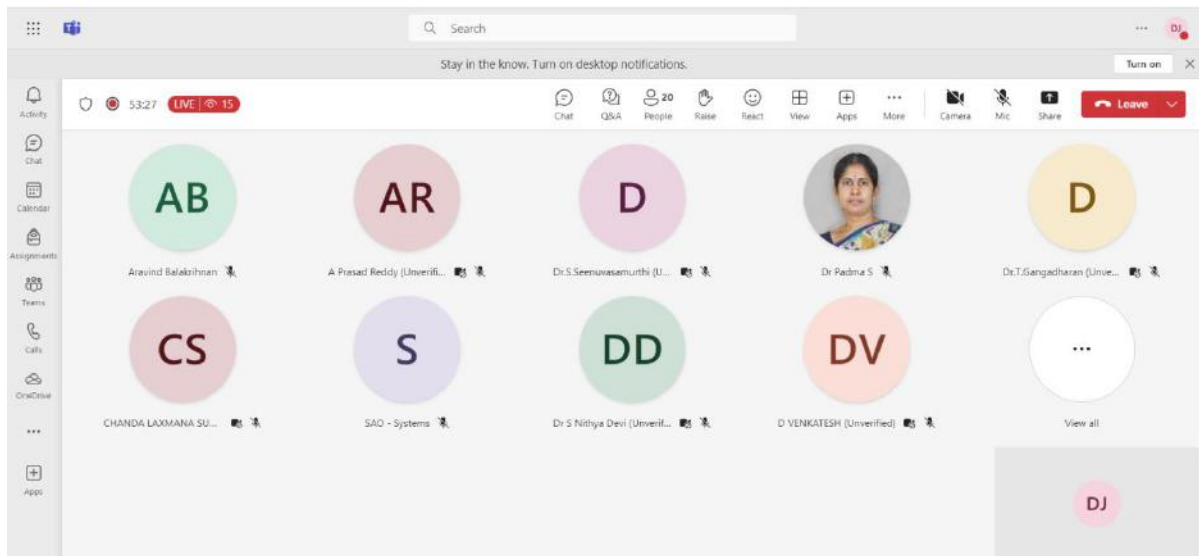
The Programme started at 10:00 am by **Mr. Aravind.B**, Assistant Professor, Department of CST with a grand welcome to the Resource Person, HOD, Faculty members and participants. He conveyed his sincere thanks to the Resource person, Management, Principal, Vice Principals, Deans, all the HODs, Faculty members for giving this opportunity for conducting Online guest lecture. Then he invited HOD, Department of CST to address the gathering.

Dr. M. Sreedevi, HOD, Department of CST heartily invited Resource person for the Online Guest lecture. She gave few words about the event and usage to the engineers. And thanked organizers and participants for conducting this event.

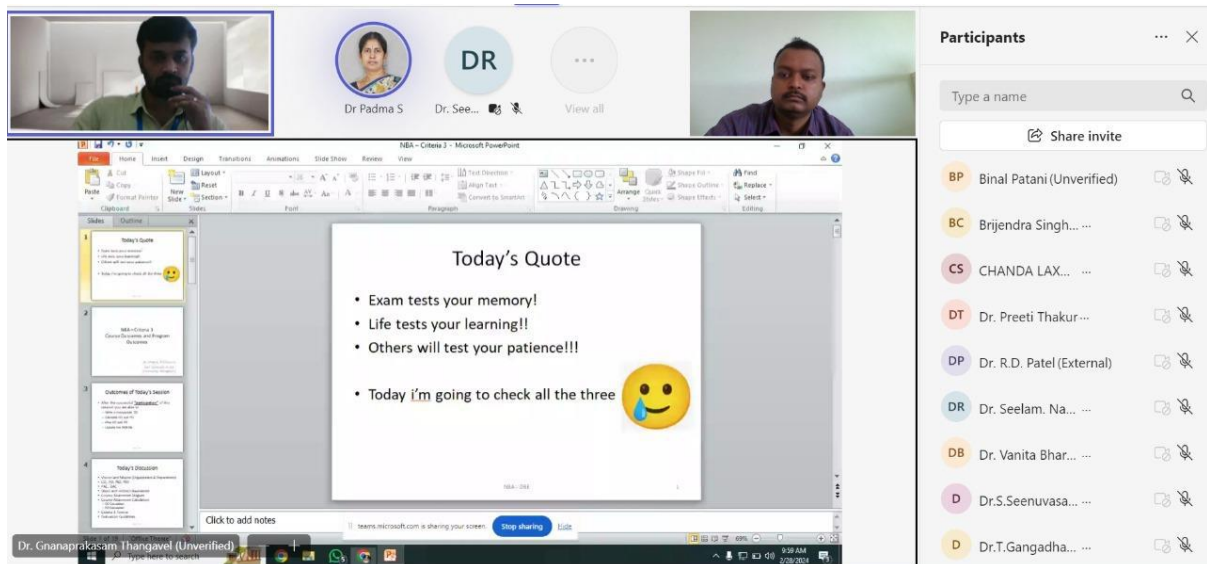
Mr. Aravind B, Assistant Professor, Department of CST, MITS read the profile of Resource person **Dr. J Madhusudanan, HOD**, Department of AI & DS, Manakula Vinayagar Engineering College, Puducherry. He handed over the session to the Resource person.

The **Resource person, Dr. J Madhusudanan** joined online and he has started the session by extending his heartily thanks to the participants organizing members, HOD,

Principal and Management of MITS, Madanapalle for giving him opportunity to share his knowledge and experience in "Data warehouse".



He discussed about Data warehousing, Data Warehouse Architecture, Data Modeling, Data Quality and Governance its usage with practical implementation and asked students to utilize the opportunity.



The resource Person delivered Guest Lecture on the following topics:

1. Data Warehousing Architecture
2. Data Modeling for Data Warehousing
3. Dimensional modeling vs. relational modeling
4. ETL (Extract, Transform, Load) Processes
5. Data Quality and Cleansing:
6. Data Integration and Transformation
7. Data Warehouse Security, Metadata Management
8. Performance Tuning and Optimization
9. Data Warehousing in the Cloud
10. Data Warehousing Best Practices

Queries and Feedback session:

1. Students asked queries on Data Warehouse Security, Data Warehousing in the Cloud and its related areas, Resource person answered for all those queries.
2. Students given feedback on the Online guest lecture and said they felt happy for involving in this type of session as they got clear picture about Data Warehousing implementation.

Take away from session:

1. Students understood the Basics, areas and importance of Data Warehouse
2. Students know the Data Modeling for Data Warehousing
3. Students know about Data Warehousing in the Cloud

The session ended by **Dr. M. Sreedevi, Professor, Head of the Department, MITS**, thanking the resource person, faculty members and students, expressed his gratitude to the Management and Principal for giving permission and financial support to organize this program.

Vote of Thanks: The session was concluded at 12:15 pm followed by a vote of thanks, given by **Mr. Aravind B**, Assistant Professor, Department of CST, MITS, Madanapalle.