

# DEPARTMENT OF COMPUTER SCIENCE AND TECHNOLOGY




## A Report on One-day Guest Lecture on "Overview of Data warehousing Implementation"

10 January 2022

Submitted by **Mr. D. Abdul Jaleel**, Assistant Professor, Department of CST.

### Resource Person details:

Resource Person: **Dr. M Senthil Sivakumar**  
Designation: **Assistant Professor**  
Department: **ECE**  
Organization: **Indian Institute of Information Technology, Tiruchirappalli**  
Participants: **III Year CST students**  
Attendance: **62 participants (Internal)**  
Mode: **Online**

	<b>MADANAPALLE INSTITUTE OF TECHNOLOGY &amp; SCIENCE</b> <small>www.mits.ac.in</small> <b>(UGC-AUTONOMOUS INSTITUTION)</b> <small>Madanapalle-517325, Chittoor Dist., Andhra Pradesh</small>	
<b>One-day Online Guest Lecture on "Overview of Data warehousing Implementation"</b>		
	<b>Resource Person</b> <b>Dr. Senthil Sivakumar</b> Assistant professor, IIIT, Trichy	<b>Date</b> 10.01.2022 (Monday) <b>Time</b> 10:00 am To 12:00 pm
<small>Chief Patron</small> <b>Dr. N Vijaya Bhaskar Choudary</b> <small>Secretary &amp; Correspondent</small>	<small>Patron</small> <b>Mrs. Keerthi Nadella</b> <small>Executive Director</small>	<small>Program Chair</small> <b>Dr. C Yuvaraj</b> <small>Principal</small>
<small>Co-Chair</small> <b>Dr. M Sreedevi</b> <small>Professor &amp; HOD / CST</small>	<small>Convener</small> <b>Mr. D. Abdul Jaleel</b> <small>Assistant professor / CST</small>	
<b>Department of Computer Science &amp; Technology</b>		

Department of Computer Science and Technology, has organized Guest Lecture on "Overview of Data warehousing Implementation" on 10-01-2022 (Monday), 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.

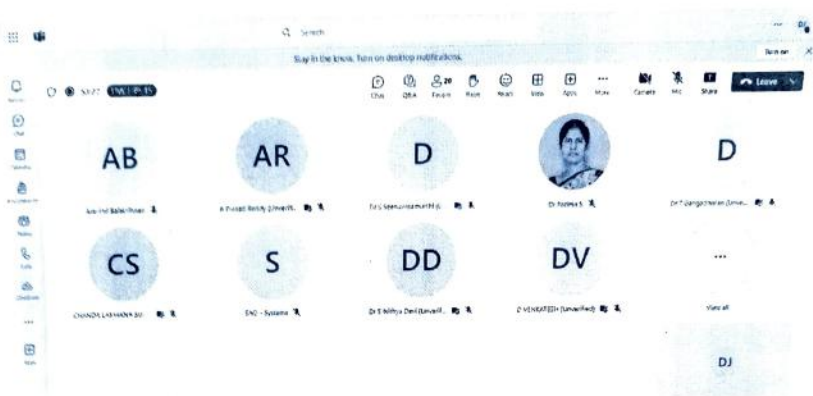
The Programme started at 10:00 am by **Mr. D. Abdul Jaleel**, Assistant Professor, Department of CST with a grand welcome to the Resource Person, HOD, Faculty members and participants. He conveyed his sincere thanks to the Resource person, Management, Principal, Vice Principals, Deans, all the HODs, 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.

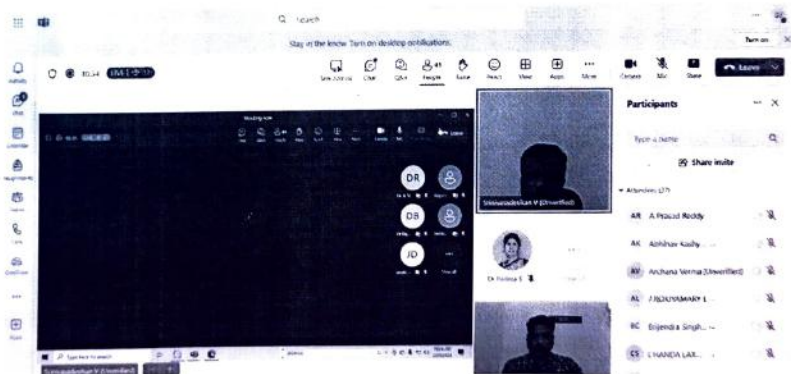
**Mr. M. Naveen**, Assistant Professor, Department of CST, MITS read the profile of Resource person **Dr. M Senthil Sivakumar**, Assistant Professor, Department of ECE, Indian Institute of Information Technology, Tiruchirappalli. He handed over the session to the Resource person.

The Resource person, **Dr. M Senthil Sivakumar** 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 him gratitude to the Management and Principal for giving permission and financial support to organize this program.

**Vote of Thanks:** The session was concluded at 12:10 pm followed by a vote of thanks, given by **Mr. D. Abdul Jaleel**, Assistant Professor, Department of CST, MITS, Madanapalle.

  
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