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DEPARTMENT OF COMPUTER SCIENCE & TECHNOLOGY
in Association with IIIC, MITS

Report on

Alumni Guest Lecture on

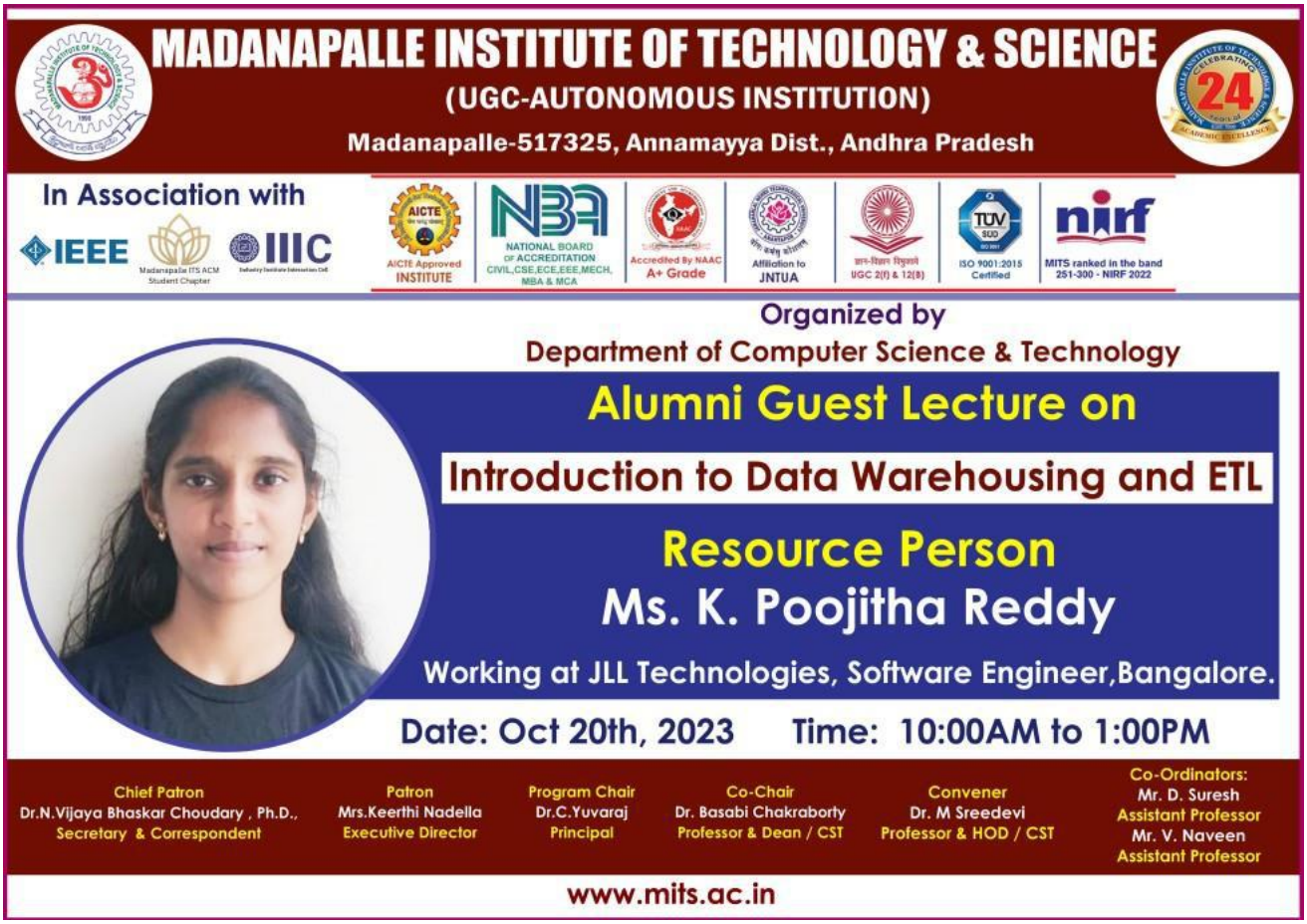
"Introduction to Data Warehousing and ETL"

On

20.10.2023(Friday)

Organized &submitted by: Mr. D. Suresh, Assistant Professor, Department of CST.

Convened by: Dr M Sreedevi, Professor & HOD, Department of CST.



Resource Person: Ms. K. Poojitha Reddy,
Software Engineer,
JLL Technologies, Bangalore.

Participants: CST Department Students.
Attendance: 69 participants (Internal)
Mode: Offline

Department of Computer Science & Technology has organized **an Alumni Guest Lecture on "Introduction to Data Warehousing and ETL"** on **20.10.2023**(Friday), 10:00 AM to 01:00 PM.

Objective:

The main objective of an alumni guest lecture on "**Introduction to Data Warehousing and ETL"** is to enhance the technical skills of the students in the field of warehousing and ETL.

Welcome Address:

The event commenced promptly at 10:00 AM with a warm and engaging welcome address to all the audience by **Mr. D. Suresh**, **Assistant Professor, Department of CST,** Madanapalle Institute of Technology and Science **(**MITS), Madanapalle. In his address, he highlighted the significance of the alumni guest lecture on **Introduction to Data Warehousing and ETL**, two crucial components in the world of data management and analytics. And also, he highlighted that this lecture is not only about learning but also fostering connections and relationships. It provides a unique opportunity for our current students to engage with a successful alumnus, learn from their experiences and consider potential career paths in data-related fields.

Keynote Address:

Dr. M. Sreedevi, HOD of CST gave keynote address on the guest lecture, first she said greetings to Alumni **MS. K. Poojitha Reddy(19691A2891)** for her arrival to the campus again to share her corporate experiences to her juniors in the CST department. Then she given some key points to be followed by second year students from the beginning for their studies that everyone should focus on basics and fundamentals concepts in their core subjects from now and she pointed out this practice will lead definitely to face interviews at final year in easy way. To grasp opportunities earlier she added and some more valuable tips like time management to be done for doing academics works as well as spending time for preparing aptitude and questions related to logical reasoning from the beginning of second year. And she also said to have a focus on syllabus and corresponding corporate interview question papers to be related while preparing for exams so that it will help them to know the expectations of the companies related to their concepts which they study.

At 10:15 AM the resource Person: **Ms. K. Poojitha Reddy** took the stage to deliver an enlightening lecture on **Introduction to Data Warehousing and ETL.**

She started the session by extending her hearty thanks to the participants, organizing members, HOD, Principal and Management of Madanapalle Institute of Technology and Science **(**MITS), Madanapalle for giving opportunity to share her knowledge and experience in **"Introduction to Data Warehousing and ETL".**

The resource person delivered lecture on the following topics:

- Overview of what a data warehouse is and its role in modern data management.
- Explained how data warehousing differs from regular databases.

ETL Process Fundamentals:

- Detailed explanation of the ETL (Extract, Transform, Load) process.
- Explained why ETL is a crucial part of data warehousing.
- Benefits of Data Warehousing and ETL.
- Highlighted the advantages of implementing data warehousing and ETL, including improved data quality, faster access to information, and enhanced analytics capabilities.
- Real-World Applications: Shared practical examples and case studies of how data warehousing and ETL are used in various industries.
- Showcasing the impact of these technologies in solving real-world business challenges. Challenges and Considerations:
- Discussed common challenges in implementing data warehousing and ETL, such as data integration issues, resource requirements, and potential pitfalls.
- Addressed the career opportunities and growth potential in the field of data management, analytics, and data engineering.

- Offered insights on the skills and knowledge required for a successful career in this domain.
- Encouraged audience engagement through a question-and-answer session, allowing attendees to seek clarification and further insights.

Take-away from the session:

- Students got introductory knowledge on **Data Warehousing and ETL.**
- Students had an interaction with resource person and extracted knowledge on needs of interview skills to grasp opportunities in on-campus placements.

Dr. M. Sreedevi, HOD of CST handed over the memento to the resource person **MS. K. Poojitha Reddy.**

Vote of Thanks:

At 01:00 PM, the alumni guest lecture formally concluded with a vote of thanks delivered by **Mr. V. Naveen, Assistant Professor**, **Department of CST**. In his address, he expressed sincere gratitude to resource person for taking the time to share their expertise and inspire our students and promoting a culture of lifelong learning,

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