



Two Day Workshop on DATA ENGINEERING WITH SNOWFLAKE

Organized by Department of Information Technology



**MRCET CAMPUS**
(Autonomous Institution – UGC, Govt. of India)

**Two Day Workshop on
DATA ENGINEERING
WITH
SNOWFLAKE**

Organized by:
Department of Information Technology

Venue: Placement Block, Ground Floor Lab
Date: 23rd, 24th December 2022
Time: 9:30 am - 4:00 pm

Resource Person
Mr. K. Chenna Kesava Reddy
Senior Cloud Engineer
TECHNOVERT PVT.LTD
Hyderabad.

Dr. V.S.K. REDDY Director, MRCET	Dr. S. SRINIVASA RAO Principal, MRCET	Dr. T. VENU GOPAL Dean, MRCET
Dr. G. SHARADA HOD - IT	Dr. K. SURESH Co-ordinator 1	Mr. K. SUDHAKAR REDDY Co-ordinator 2

MALLA REDDY COLLEGE OF ENGINEERING & TECHNOLOGY

(Autonomous Institution – UGC, Govt. of India)
(Affiliated to JNTU, Hyderabad, Approved by AICTE
- Accredited by NBA & NAAC – ‘A’ Grade, ISO
9001:2008 Certified)
Department of Information Technology



Two Day workshop on Data Engineering with Snowflake

Venue of the Event: **MRCET CAMPUS Seminar Hall, Labs**
Duration: **2 Days**

Mode of Delivery: **Offline**
No of Student Participants: **215**

Department of Information Technology has conducted a Two day Workshop on **Data Engineering with snowflake** for all the II Year students of IT on December 23-24, 2022.

The session started at 9:30am in the laboratory. **Dr. G. Sharada**, HoD of Department of IT MRCET addressed the gathering about the necessity of the workshop on Data Engineering with snowflake. Also she thanked Director, Principal for giving this opportunity to conduct this workshop for the benefit of students community.

Dr.S.Srinivasa Rao, Principal, MRCET addressed the gathering and given awareness about the data engineering in future trends.

Dr. K Suresh, coordinator of this work shop introduced the resource person **Mr. K. Chenna kesava Reddy**, Senior Cloud Engineer, Technovert Pvt. Ltd and handover the further to continue with next sessions.

Objectives of the Activity

- A quick tip on history of Data Engineering
- An introduction to Snow Flake Database
- The future scope of Data Engineering
- Insight from raw data
- Tools used by Snow Flake
- Creation of snowflake account and working with few examples how to create database, tables, inserting data into tables and hands on with few queries.

Benefits in terms of learning/Skill/Knowledge obtained:

- An introduction to database environment.
- The workshop guides the students the approaches to the problems in the right way.
- An understanding of the database and the fundamentals of data base, such as data

storing and retrieving.

- The students had given a chance to explore the role of the data engineer.
- An idea on how if the data analysis skills are mastered can give the option to become a data engineer and decision maker.

Students had on hands on training in analyzing a sample dataset how to write queries to store and retrieve data. A wonderful look and feel experience for the participants.

The Workshop was full of hands-on sessions along with conceptual knowledge about the contents.

Day 1:(December 23,2022)

The Day 1 is conducted in two sessions. The morning session is totally about the theoretical explanation how data engineering is useful and about brief introduction about the snowflake database.

The afternoon session is about setting the environment by installing required software's and configuring the environment.

Day 2:(December 24,2022)

The day 2 sessions are completely hands on which covers about

Creation of databases

Creation of tables

Inserting data into tables

Writing queries to work with few sample data sets about how to retrieve data.

Finally, the session is concluded in the evening and feedback of students was taken and the students shared their experiences what they are able to learn from the two days of workshop.