MVJ COLLEGE OF ENGINEERING
Since 1982
Engineering A Better Tomorrow

An Autonomous Institute
Approved by AICTE, New Delhi
Affiliated to VTU, Belagavi
Recognized by UGC under 2(f) & 12(B)
Accredited by NBA & NAAC

DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING

Workshop on GTM Database

The department of **Information Science and Engineering** conducted a **Workshop** titled **GTM Database** on **date in 26-05-2026** at **10:00am to 03:30 pm**, in **Seminar Hall1**.

The Machine Learning Database, or MLDB, is an open-source system aimed at tackling big data machine learning tasks. It can be used for data collection and storage through the training of machine learning models, or to deploy real-time prediction endpoints. MLDB is one of the easier datasets to use, since it provides a comprehensive implementation of the SQL SELECT statement. This means it treats datasets as tables, making it easier to learn and use for data analysts already versed in an existing Relational Database Management System (RDBMS)

Objectives of the Event

- Unify the full machine learning pipeline from data collection to real-time API deployment.
- Simplify data analysis by using standard SQL queries to train and manage models.
- Optimize big data processing with high-speed, memory-efficient model training and scoring.

Event Overview

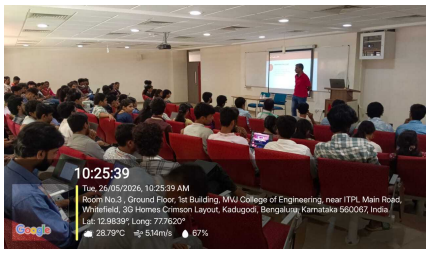
The event began at 10:00 am with a welcome address by Nischitha,S4 ISE followed by an engaging session address by **Hari Kishore Arcot Janardhanan**. The presentation covered key areas/vital topics such as data anaysis,RDBMs, providing deep insights into the subject matter. Participants showed keen interest, actively participating during interactive segments and QA rounds.

Day	Time	Session Details
Tuesday, May 26 2025	10 - 10:10 am 10:10 - 10:20 am	Welcome Address Introduction to Chiefguest
Tuesday, May 26 2025	10:20 - 12:20 pm 1.30pm - 3.30 pm	Technical talk Hands on Training

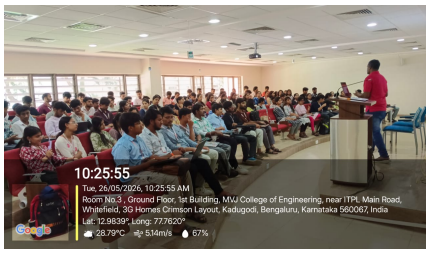
Table 1: Schedule of the Event

Subfigure with Labels (a), (b) and Hyperlinking

Figure 1 shows how students are interestingly listening to Resource person , Subfigures are labeled (a) and (b), and can be cited individually as Figure 1a and Figure 1b.



(a) Resource person is interacting with students



(b) Resource person is delivering Technical talk

Figure 1: Students interestly listening to Resource Person

Outcomes and Impact

Career Readiness: Equips students with a modern skill set by bridging the gap between traditional SQL database management and advanced machine learning engineering.

Low Learning Barrier: Allows those already familiar with RDBMS to build sophisticated ML models without needing to master complex low-level programming libraries.

End-to-End Understanding: Provides a hands-on view of the full ML lifecycle, from raw data ingestion to deploying a functional, real-time API.

Conclusions

This event highlighted the Machine Learning Database (MLDB) as a powerful, user-friendly tool that merges traditional data analytics with advanced machine learning. Attendees discovered how MLDB streamlines the entire machine learning lifecycle—from data collection and model training to deploying real-time prediction endpoints. By treating datasets as tables and leveraging familiar SQL SELECT syntax, MLDB significantly lowers the barrier to entry, empowering database-versed analysts to transition into big data predictive modeling seamlessly. 2-3 sentences

Report by: Prof.Kavitha C S

Affiliation: Faculty in the Department of Information Science and Engineering,

MVJ College of Engineering