Report on
Guest Lecture on
"Linux and Databases"
On
07.01.2023

Submitted by: Mr. D.Suresh, Assistant Professor, Department of CST.

Report Received on 17.01.2023

Organized in association with: IIC, MITS Madanapalle

Resource Person: Indupriya Aluru, Software Developer, Infobell IT Solutions, Bangalore.
Participants: II & III Year CST Department Students.
Attendance: 102 participants
Mode: Offline

Department of Computer Science and Technology, has organized **"Guest Lecture on Linux and Databases"** on **07.01.2023**(Saturday),11:00 AM to 1:00 PM.

Objective :

The aim of this guest lecture was to know relational databases have been around for a long time, real-time databases have been on the rise because they allow storing and syncing of data in real-time with almost zero latency and also provide high security and encryption. To get awareness on the core side job opportunities and the skillset to expertise in it.

The Programme Started at 11:00 AM with a welcome address to all the audience by the **Mr. D.Suresh**, **Assistant Professor, Department of CST,** MITS, Madanapalle.

The resource person started the session by extending her hearty thanks to the participants, organizing members, HoD, Principal and Management of MITS Madanapalle for giving opportunity to share her knowledge and experience in **"Linux and Databases".**

The resource person delivered lecture on the following topics:
1. Linux Usage.
2. Linux OS Components.
3. Database Benchmarking.
4. Database Servers.
5. Data Virtualization.
6. Database Tuning.
7. Hypervisor on Servers.

Take-away from the session:

- How to set up a MySQL database in Linux.
- How to Navigate the file system using Linux.
- File permissions and ownership.
- Checking and monitoring system resource usage.