



# LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING (AUTONOMOUS)

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Approved by AICTE, New Delhi and Affiliated to JNTUK, Kakinada

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**DEPARTMENT OF ARTIFICIAL INTELLIGENCE AND DATA SCIENCE**

## REPORT

on

**“Hands-on Workshop on Data Mining and It’s Applications”**

**06 May 2022 To 07 May 2022**

AI&DS department has planned to organize a “Hands-on Workshop on Data Mining and It’s Applications” for II B. Tech Students and Dr. O Rama Devi, Head of the Department, introduced the resource person **Mr. T. Ram Kumar**, Project Manager, Aditi Software, Hyderabad and welcomed all the participants to the Guest Lecture.

**Resource Person(s)** : **Mr. T. Ram Kumar**, Project Manager, Aditi Software, Hyderabad.

**Name of Convener** : Dr O. Rama Devi, Professor & HoD, Dept. of AI & DS

**Name of Coordinators** : Mr. S. Siva Rama Krishna, Asst. Professor, Dept. of AI & DS

**Target Audience** : II Year B.Tech. Students

**Total no of Participants:** 69

**Objective of the Event** : To improve the students domain knowledge.

**Outcome of the Event** : student able to learn the following

- What is Data Mining
- Importance of Data Mining
- Supervised and Unsupervised Algorithms
- Association Analysis
- Cluster Analysis.
- Various Python Libraries

### Resource Person has discussed the following

**Data Mining** is a process of finding potentially useful patterns from huge data sets. It is a multi-disciplinary skill that uses machine learning, statistics, and AI to extract information to evaluate future events probability. The insights derived from Data Mining are used for marketing, fraud detection, scientific discovery, etc. Implementation Process of Data Mining. Data Mining Techniques (Classification, Clustering and Association Analysis). Supervised and Unsupervised learning Algorithms. Working on various Data Sets.

Mr. S. Siva Rama Krishna, Coordinator thanked the resource person for his valuable, outstanding presentation. He expressed this has given more knowledge on **Data Mining and It’s Applications** to students insights of implementing it. He also thanked every participant for

their active participation during entire session. He also thanked to principal and Management to encourage these kind of events in the department.

### **Feedback/ Suggestions:**

All the participants expressed very positive feedback. They expressed its an outstanding and motivational. This Guest Lecture met the program objectives.

### **Gallery of the webinar**



**Inauguration Speech by  
Dr. O.Rama Devi, HOD, Department of AI&DS**



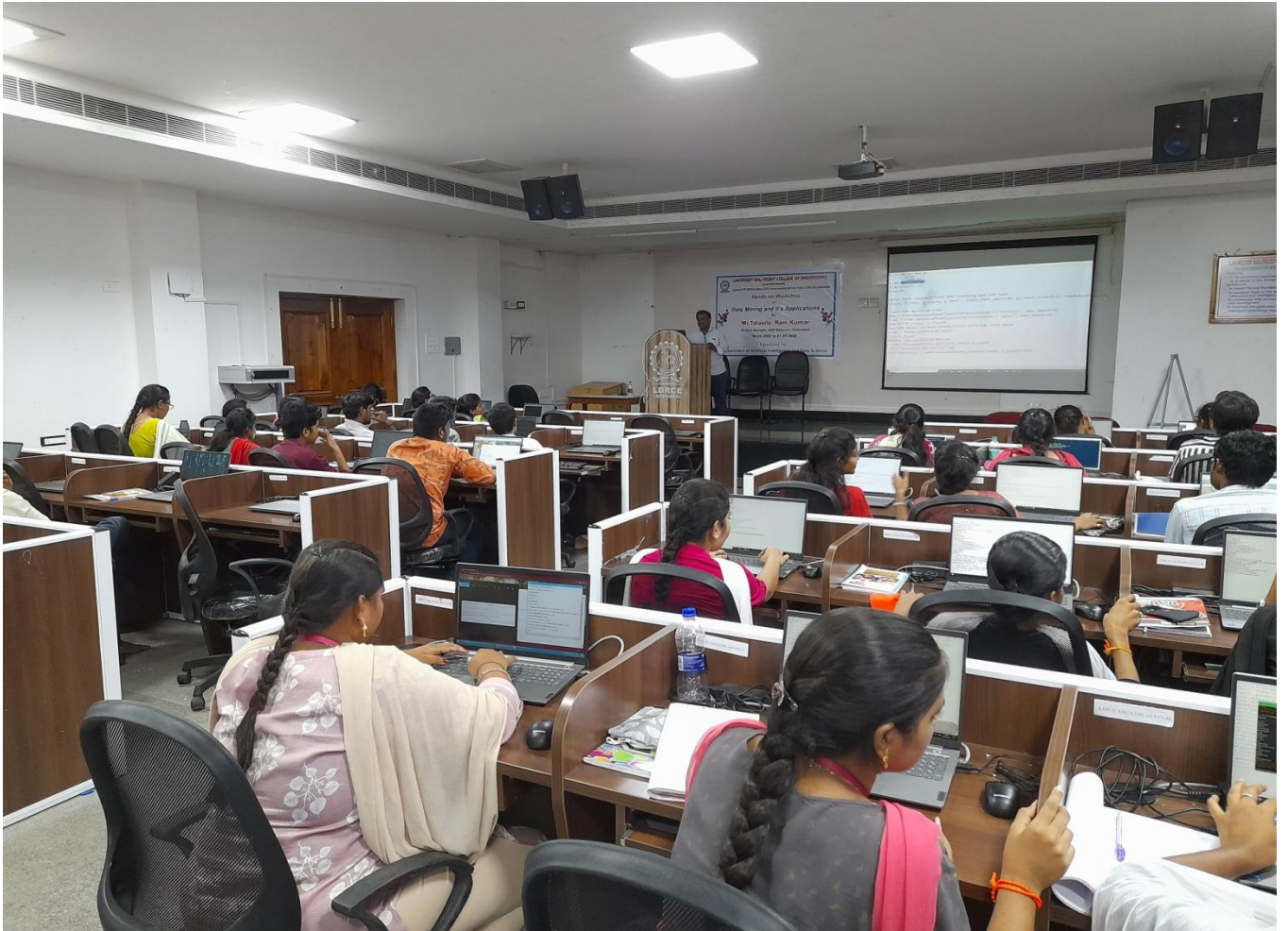
**Inauguration Speech by  
Dr. K. Appa Rao, Principal, LBRCE**





**Mr. T. Ram Kumar, Resource Person Addressing the Students**





## II B. Tech Students

*Rama Devi*

**Dr O. Rama Devi  
(Head of the Department)**