



# RBU

**RAMDEOBABA UNIVERSITY, NAGPUR**  
Formerly Shri Ramdeobaba College of Engineering & Management (RCOEM) Est. 1984  
**LEARN | INNOVATE | ACCOMPLISH**

## Students Development Club

### Data Analytics

#### **REPORT on DATA Cleaning Workshop**

**Date of Workshop:** 29<sup>th</sup> of August 2025

**Time:** 10.30am-12.30pm

**Subject:** Data Cleaning

**Speaker:** Dr. Rahul Mohare

**Participants:** Students from Data Analytics and other specializations.

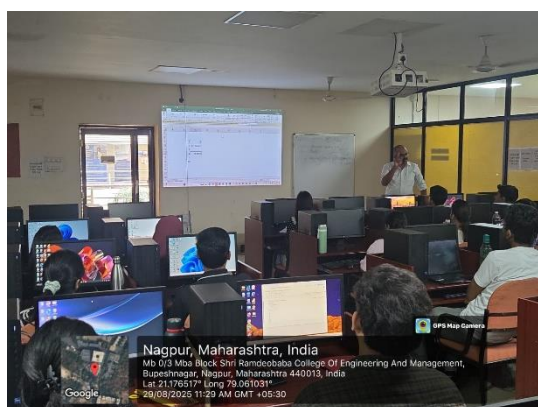
**Faculty Incharge:** Dr.Sampada Wasade

The Data Analytics Students Development Cell of our college organized a **Workshop on Data Cleaning** on **29th August 2025**. The workshop was designed to provide students with practical exposure to one of the most essential skills in the field of data analytics – cleaning and preparing datasets for meaningful analysis.

### **Objective of the Workshop:**

The primary objectives of the workshop were:

- To familiarize students with the concept and importance of data cleaning.
- To introduce practical methods of identifying and handling missing, inconsistent, and duplicate data.
- To develop hands-on skills in preparing raw data for effective analysis and research.
- To encourage participation of students from multiple disciplines and help them understand the interdisciplinary relevance of data analytics.



### **Workshop Highlights:**

- The session covered fundamental concepts of data cleaning and pre-processing.
- Practical demonstrations were conducted in the Computer Lab to help students gain hands-on experience.
- Participants learned techniques for handling missing data, correcting errors, and standardizing formats.
- Emphasis was laid on how data cleaning improves the accuracy and reliability of data-driven decision-making.

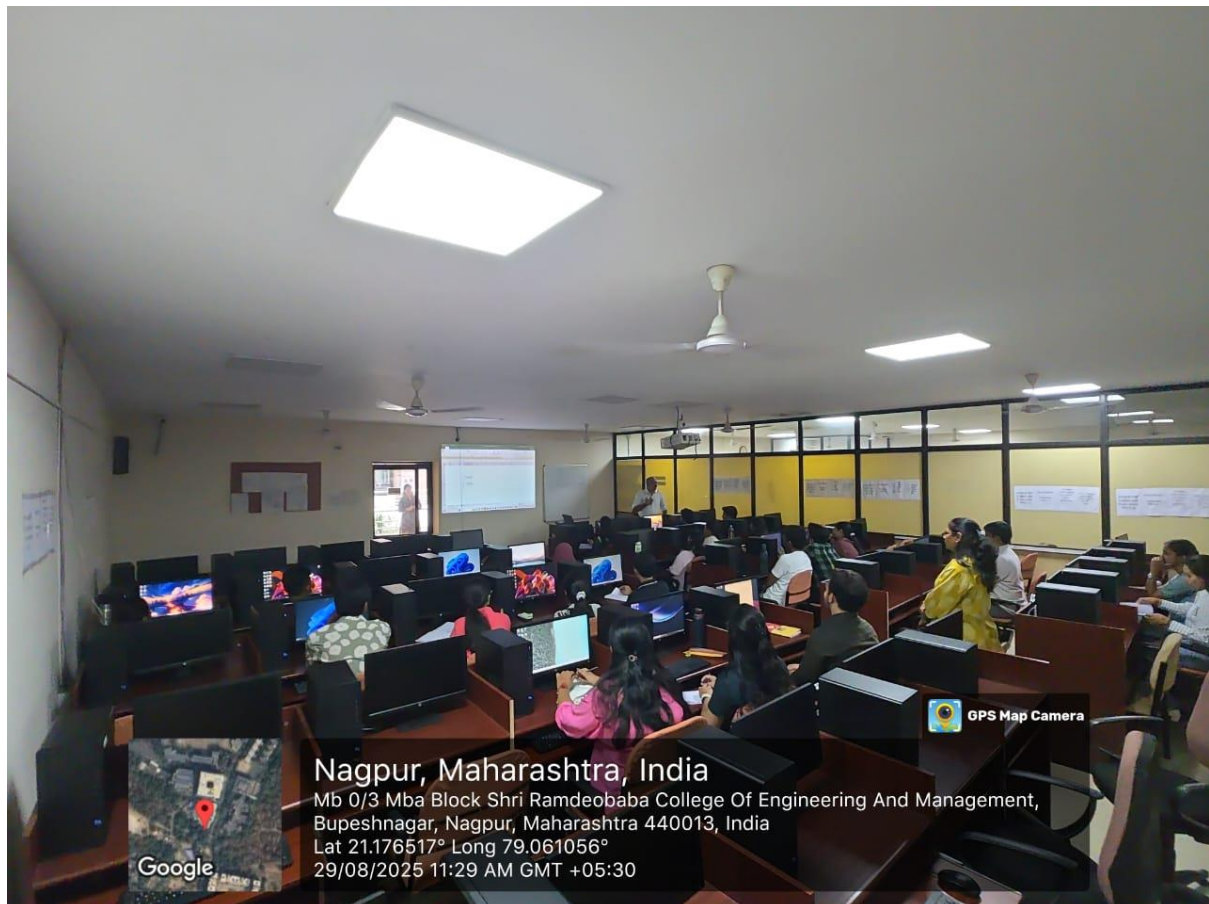
The workshop was open to students from **all specializations**, not just Data Analytics. This inclusivity encouraged wider student engagement and fostered interdisciplinary learning. The registration was done through an online form, ensuring smooth and efficient coordination.

### **LEARNING OUTCOME:**

- Students understood the importance of data cleaning as a critical step in the data analysis process.
- Students gained knowledge of different techniques to identify and handle missing, inconsistent, and duplicate data.
- Participants developed hands-on skills in using tools/software for cleaning and preparing datasets.
- They learned how to standardize data formats to ensure accuracy and consistency in analysis.
- Students recognized the impact of clean data on decision-making and research outcomes.

- The workshop enhanced their problem-solving and analytical thinking abilities through practical exercises.
- It encouraged students from diverse specializations to appreciate the interdisciplinary applications of data analytics.
- Learners became more confident in handling raw datasets and preparing them for further statistical or business analysis.

**CONCLUSION:** The Data Cleaning Workshop proved to be a valuable learning experience for the students. It successfully achieved its objectives by equipping participants with essential data handling skills. The enthusiasm and active involvement of students highlighted the growing interest in the field of data analytics.



The **Data Analytics Students Development Cell** looks forward to organizing more such events in the future to continue enhancing the analytical and technical skills of students.