

# **CE331 PROJECT PRESENTATION**

## **SURVEYING AND MAPPING AN AREA**

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# Title Slide

- Presentation Title
- Group Number
- Group Members' Names & Roll Numbers
- Instructor's Name

# Acknowledgements

- Thank those who helped you
- Instructor & TAs
- Lab staff members
- Fellow group members

# Introduction

- Briefly introduce the project and its purpose

# Objectives

- List the main goals of the project clearly in bullet points

# Methodology

- Outline the steps you followed
- Reconnaissance
- Levelling
- Traversing
- Coordinate Transformation
- Feature Mapping

# Reconnaissance

- Briefly describe the recce
- Include a Google Earth snapshot showing CPs (if possible)
- Reason for number and positioning of CPs

# Levelling

- Briefly describe the levelling work done
- Include **adjusted RLs** of CPs
- Mention the **quality of levelling work**

# Traversing

- Briefly describe the traversing work
- List the **local coordinates** of CPs
- Mention the **quality of work for traverse** (both distances and angles)

# Coordinate Transformation

- Briefly summarize the coordinate transformation process
- List the **global UTM coordinates** of CPs (Easting and Northing)

# Map

- Include the **map prepared**
- Ensure map details are clear:
  - Scale
  - Coordinate axes
  - Coordinate system
  - Contour interval
  - Group members' names
  - Area mapped, etc.

# Conclusions

- Summarize key results and learnings
- Mention any challenges faced and how they were addressed (optional)