

**Computer Science and Engineering & Allied Branches**

**Mini Project**

**Year: II Class & Section: CSE&B Branch:CSE Batch: BG-14**

**List of Team Members**

|  |  |  |  |
| --- | --- | --- | --- |
| **S. No** | **Roll Numbers** | **Name of the Student** | **Guide Name** |
|  | 24711A0581 | GADDAM VISHNU PRIYA | **Ms. R DEVAYANI** |
|  | 24711A05A4 | MULUMUDI POORNA |
|  | 24711A0582 | GUMMADI MANASWIKA |
|  | 24711A05C6 | THUMMALA CHANDANA |
|  |  |  |
|  |  |  |

**Title: “ WEATHER DATA ANALYSIS”**

**Problem Statement:**

Analysis Historical weather data to identify trends, Patterns, and correlations between various weather parameters,such as temperature,humidity,preciption,and wind speed.

**Objectives:**

1. **Data cleaning and preprocessing**: Handle missing values,outliers and data inconsistencies.
2. **Trend analysis**: Trends in temperature, precipitions,and other weather parameter over time.
3. **Pattern recoginition:** Detect patterns in weather data,such as seasonal varitions anomalies,and correlarations between parameters.
4. **Predictive modelling:**  Develop a model to predict future weather patterns based on historical data.

**Guide Coordinator HOD-CSE**