**SECOND YEAR B. TECH THIRD SEMESTER**

**COMPUTER SCIENCE AND ENGINEERING DEPARTMENT**

**MINI PROJECT REPORT (ITW-1)**

ON

**Students’ Grade Analysis**

By

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**NAGPUR**

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**BACKGROUND OF PROJECT:**

The Project is created to analyze the grades of students for a given class based on 3 subjects in 2 different conditions:

1. When the data set is pre-set
2. When the data set is completely randomized

**METHODOLOGY:**

Using Python Libraries, namely, the numpy, pandas, and the matplotlib, the student data is imported from the file and then used according to the needs of the program to calculate and plot graphs of various kinds to analyze the students’ performance.

**RESULTS:**

The performance of various data sets was analyzed through the Python Program created using an Interactive Python NoteBook (.ipynb)