

Academic year: 2024-25

Title of the practice: Result Analysis of all groups in the college by using MS-Excel.

Microsoft Excel can be used to analyze students results by calculating averages, totals, and grades and by visualizing data.

Calculate averages, totals, and grades:

Use functions like SUM, AVERAGE, MIN, MAX and IF to calculate totals, averages, minimum and maximum marks and grades.

For example, to calculate grades you can enter the a formula like

= IF (B2 >= 90, "A",

IF (B2 >= 80, "B",

IF (B2 >= 70, "C",

IF (B2 >= 60, "D")))) in a column and copy it down.

Visualize data:

Use the Analyze Data feature to create visuals like ranks, trends, outliers and Malabilities. You can also use conditional formatting to color cells or fonts or place symbols next to values, based on predetermined criteria.

Count how many students passed:

Use the COUNTIF function to count how many students passed.

Calculate student results in excel:

Steps:

1. Enter student names in column A.
2. Enter scores in column B.
3. In column C, enter a formula like this to calculate grades: =

IF(B2 >= 90, "A", IF(B2 >= 80, "B",
IF(B2 >= 70, "C", IF(B2 >= 60, "D"))))

4. Copy the formula down and apply it to all students.

Benefits of MS-Excel :

Excel helps to organize, analyze, present and share data effectively whether for work or for personal needs.

Why learn Excel:

Excel simplifies data analysis, allowing students to create charts and graphs that enhance the visual appeal and comprehensibility of their projects.

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