

Practical 13

Excel Student Result Management :

Name	ERP	CP	Math	WEB	Digital logic	NALS	sum	percentage	div
Aditya kumar	10089	82	82	82	82	82	410	82	First Division
suraj kumar	10156	65	65	58	89	75	352	70.4	First Division
ravi kumar	10256	88	94	88	70	60	400	80	First Division
alok kumar	10852	45	77	99	70	55	346	69.2	First Division
Ashish kumar	10456	65	88	44	55	55	307	61.4	First Division
Thakur	10566	51	55	55	55	55	271	54.2	Second Division
Bhanu	10895	30	46	30	45	45	196	39.2	Third Division

Aim

To analyze student marks using Excel tools.

Objectives

- To apply Excel formulas
- To create charts

Materials Required

- MS Excel

Procedure

1. Enter student data – Input students’ names, marks, and other required details into the spreadsheet.
2. Use Flash Fill – Apply Flash Fill to automatically complete patterns such as separating names or formatting data.
3. Replace incorrect values – Identify errors and use Find & Replace or manual correction to fix inaccurate entries.
4. Calculate pass/fail using IF – Create an IF formula to determine whether each student passes or fails based on their score.

5. Use COUNTIF and AVERAGE – Apply COUNTIF to count specific results and AVERAGE to compute the class's mean score.
6. Create charts – Generate visual charts to represent student performance trends or score distributions.
7. Apply conditional formatting – Use color-based formatting to highlight important values, such as low scores or top performers.