

Assignment NO-1

S.T. Lab.

Electrical Engineering

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Q-1 Write a details description of M.S Excel with its importance. ?

⇒ Microsoft Excel is an electronic spreadsheet application that enables users to store, organize, calculate & manipulate data with formulas using a spreadsheet system broken up by rows & columns.

It is also used to create grids of text, numbers & formulas specific condition, extremely valuable for many businesses. Which use it to record expenditures & income plan budgets, chart data & syncret present official Result.

* Excel data type.

- 1) The logic data type
- 2) The number data type
- 3) The text data type.
- 4) The error data type

importance - uses of microsoft excel
is spreadsheet program include
in the microsoft office application
spreadsheets present tables of
values arranged in row & columns
that can be manipulated mathematically
for the daily life is to perform
calculation, analysis & visualization
of data & information.

Microsoft excel is one of the
most important workplace applications that
help to organize the business system
& process of data & information by the
use of columns & row with formulas.

Important uses of M.S. Excel

- 1) Business Analysis
- 2) People Management
- 3) Performance Reporting
- 4) Managing operation
- 5) Managing programs
- 6) Result Analysis

(02) Explain the following function with individuals parameters description

f examples

1) SUMIF

2) COUNTIF

⇒ The excel SUMIF function return the sum of cells that meet a single condition. Criteria can be applied to number data, date & text.

This function support logical operators. The SUMIF formula in excels is worksheet function that add all numbers in a range of cells based on one criteria.

Example	A	B	C	
A1	Day	Item	Amount	C1
A2	Monday	Shirt	600	C2
A3	Monday	CAP	450	C3
A4	Monday	Shoes for men	530	C4
A5	Tuesday	Shoes for girls	999	C5
A6	Tuesday	Blue Shirt	650	C6
A7	Wednesday	Black Hat	950	C7

COUNT IF

COUNT IF is an excel function to count cell in a range that meet a single condition. COUNT IF can be used to count cell that contain date, text, & numbers.

A	B	C
Student Name	Total Marks	% Age
Sanjay Wankhede	275	68%
Ritesh Patil	315	78%
Vijay Kumar	121	30%
Vaishali Singh	93	23%
Pravin Phule	199	49%
Rodip Kumar	270	65%

* Find the student more than 50% mark.

Here we have 2 column (A, B, & C) then

Step-1 \Rightarrow COUNT IF (range, criteria) then

Step-2 \Rightarrow To select range i.e. % Age

Step-3 \Rightarrow We want more than 50% so will put '>50'.

\therefore COUNTIF (C1: C7, ">50")

= 3.

③ Create table having columns
EMP-ID, EMP-NAME, Dept, Salary
(min. 20. Entry)