EXPERIMENT NO. 2

TITLE :

To create mark-sheet using Spreadsheets like MS Excel.

OBJECTIVE :

➢ To learn how to create Mark sheet.
➢ To learn how to use MS Excel.

THEORY :

Microsoft Excel is a spreadsheet program that allows users to organize, format, and calculate data. It is a powerful tool for data visualization and analysis.

Excel allows the users to create, edit, and format spreadsheets, containing numerical data, formulae, and chart. It is commonly used for the financial calculations, budgeting, data analysis, and various business and academic purposes

DEMONSTRATION :

Key word for formulae:
◆ For Sum:
=SUM(C3:G3)

◆ For Pass/Fail
=IF(AND(C3>=35,D3>=35,E3>=35,F3>=35,G3>=35),"pass","fail")

◆ For Percentage
=IF(J3="pass",IF(H3>=80,"DIST",IF(H3>=60,"FIRST",IF(H3>=50,"SECOND",IF(H3>=40,"THIRD")))),"FAILED")

◆ For Division
=IF(J3="pass",IF(H3>=80,"DIST",IF(H3>=60,"FIRST",IF(H3>=50,"SECOND",IF(H3>=40,"THIRD")))),"FAILED")

SCREENSHOT :

SN	Student Name	Subjects					Percentage	Total	Result	Division
		IIT	Digital logic	Math	physics	C programming				
1	Abhinash Lamichane	55	44	33	46	52	46	230	fail	FAILED
2	Mahesh Udas	61	52	73	49	65	60	300	pass	FIRST
3	Bhuwan Adhikari	79	52	60	39	67	59.4	297	pass	SECOND
4	Saurav Poudel	44	53	41	31	41	42	210	fail	FAILED
5	Alina Sirnet	45	54	42	32	36	41.8	209	fail	FAILED
6	Aman Bastola	59	41	43	33	39	43	215	fail	FAILED
7	Nitesh Meheta	58	49	44	34	21	41.2	206	fail	FAILED
8	Aadarsh Pokhrel	57	66	32	35	54	48.8	244	fail	FAILED
9	Ashlesha Ghimire	56	59	56	36	66	54.6	273	pass	SECOND
10	Anil Poudel	53	41	29	38	40	40.2	201	fail	FAILED

RESULTS AND DISCUSSION :

The experiment was successful to creating a mark sheet using MS Excel. The mark sheet contains student name, their obtained marks, total mark, percentage, division and result and remark.

CONCLUSION :

This laboratory exercise provided a hands-on experience in creating mark sheet using MS Excel. Students gained practical knowledge of the basic in MS Excel.