M.Com CA 2018-2019

Semester – I

4-H,2-C

#### PRACTICAL 4-EXCEL FOR BUSINESS

Instruction Hours / week: L: 0 T: 0 P: 4 Marks: Internal: 40 External: 60 Total: 100

**End Semester Exam:** 3 Hours

#### **COURSE OBJECTIVES**

18CCP212

- 1. To inculcate analytical skills among students on using Excel
- 2. To assist students on Decision making ability
- 3. To make students to understand time value of money

#### **COURSE OUTCOME**

- 1. Assists students to Understanding the three key financial statements
- 2. Help students to forecast financial data
- 3. Aid student to understand the concept of the time value of money and apply it to various types of financial decisions
- 4. Assist student to identify sources and costs of capital and understand how to use them to compute a firm's WACC

#### **EXERCISES**

**Corporate Financial Statements** - Organizing and creating spreadsheets; entering and formatting data values; entering expressions for calculating values; linking worksheets; splitting screens to facilitate working between several worksheets

**Analysis of Financial Statements -** Using logical IF statements; using conditional formatting to call attention to conditions that need correcting; pasting an Excel document into a Word document

**Forecasting Annual Revenues** - Creating, validating, and using linear, quadratic, cubic, and exponential regression models to fit the trends of historical data; creating various types of charts (e.g., scatter diagrams, forecast charts, error patterns, and downside risk curves); estimating the accuracy of forecasts; expressing forecast accuracy in terms of confidence limits and downside risk curves.

**Forecasting Financial Statements -** Using forecasts of revenues to forecast financial statements; using Excel's Scenario Manager to do sensitivity analysis

**Forecasting Seasonal Revenues -** Creating a seasonally-adjusted forecasting model by joining seasonal adjustments to an annual trend line or a moving average trend line; using error feedback to correct a model so that the average error is zero; using period values to update annual forecasts and revise the model

**Time Value of Money** - Using Excel's financial functions for calculating the present value of a futureamount, the future value of a present amount, the net present value of a series of cash flows, periodicpayments for mortgages and loans, etc.; linking an Excel worksheet to a Word document.

**Cash Budgeting** - Organizing a spreadsheet into modules for different parts of a company and linkingresults; using a one-variable input table for sensitivity analysis to evaluate alternate operating tactics.

**Cost of Capital** - Calculating the weighted average cost of capital (WACC); using Excel's Goal Seekand Solver tools to find the value of an independent variable (e.g., return on equity) to satisfy a relatedgoal (e.g., a specified WACC); evaluating the WACC for different amounts of capital raised andcreating charts to display the results.

**Profit, Break Even, and Leverage** - Calculating profits from a firm's cash flows; using Excel's Solver tool to determine the sales volume needed to break even; evaluating a firm's operating, financial, and combinedleverages

Capital Budgeting: - Organizing spreadsheets to move from sales revenues to after-tax cash flows; usingExcel's financial functions to calculate depreciation schedules; calculating financial measures ofsuccess, such as net present value and internal rate of return; using nested IF statements to determine the discounted years to break even; creating two-variable input tables for sensitivity analysis; usingExcel's Solver tool to determine changes that must be made to achieve specified goals, such as aspecified net present value or discounted years to break even.

**Applications of Capital Budgeting** - Creating spreadsheets that evaluate the financial payments from various types of capital investments; using one- and two-variable input tables to analyze the sensitivity of financial payoffs to changes in conditions

Capital Budgeting: Risk Analysis with Scenarios - Using Excel's Scenario Manager to

analyze the effects of various combinations of conditions (e.g., best-on-best, most probable,

and worst-on-worst) on future payoffs.

Capital Budgeting: Risk Analysis with Monte Carlo Simulation - Using Excel's tools for

Monte Carlo simulation; using Excel's random number generator to generate random

numbers that follow different probability distributions (e.g., uniform, normal, and triangular

distributions) and use the results.

Valuation of Common Stocks - Determining the value of shares of common stocks from

their expected future cash flows and an investor's expected rate of return; performing

sensitivity and risk analysis related to thevalue of stocks.

Valuation of Bonds - Determining the value of bonds from their fixed future cash flows and

an investor's expected rate of return; performing sensitivity and risk analysis related to the

value of bonds; evaluate the effect of call date on a bond's value.

**Text Book** 

Bill Jelen (2016). Advanced Excel 2016 In Depth. New Delhi, BPB Publications

References

Jordon Goldmeier (2014). Advanced Excel Essentials. New York, Apress

Bernd Held (2015). Excel Functions and Formulas. New Delhi, BPB Publications

AIM:

To Prepare a Financial statement of organizing and creating spreedsheets, Formating data and calculating Values.

ALGORITHM

STEP 1: Start the process

STEP 2: Start > All programs > Microsoft office > Microsoft

Excel.

Data Entry

STEP 3; Type the column name as (year, Gross profit, Expenses.

Net profit, Percentage) and Enter the Values.

calculating values

STEP 4: Type the net profit in this cell we use = (02-D2)

press enter button.

STEP 5: Type the percentage in this cell we use = (E2\*2/10).

Press enter button.

Lanking Worksheets:

STEP 6: To IPNK data from Sheet 1 to sheet 2 by using = sheet! ca and enter button

STEP 7: Data > Existing connections > Browse for more >
Select a particular sheet and click ok.

spliting screen

STEP 8: select the table which is to be splitted using click view -> split

STEP 9: Save the program and stop the process

result:

Thus the above program has been executed

output is verified.

Ou	tput:						
Calculating values - Net profit							
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1	2001	15000	1500	13500			
2	2002	20000	800	19200			
3	2003	25000	900	24100			
4	2004	30000	1300	28700			
5	2005	18000	1200	16800			
6	2006	17500	1800	15700	/ !		
7	2007	23500	1350	22150			
8	2008	22000	1700	20309	,		
9	2009	24000	1100	22900			
10	2010	28000	1000	27000			
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2	2002	20000	800	19200	3847		
3	2003	25000	900	24100	482		
4	2004	30000	1300	28700/	574		
5	2005	18000	1200	16800	336		
6	2006	17500	1800	15700	314		
7	2007	23500	1350	22150	443		
	2008	22000	1700	20300	406		
8							
9	2009	24000	1100	22900	458		
10	2010	28000	1000	27000	540		

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	4	2004	300	00	1300	28700	574		
1	5	2005	1800	0	1200	16800	336	75.75	
	6	2006	1750	00	1800	15700	314		
	7	2007	2350	00	1350	22150	1443	angled	
	8	2008	2200	00	1700	20300/	406		
	9	2009	2400	00	1100	2 2900	_458		
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3	2003	25000	900	2410	0 482				
4	2004	30000	1300	2870	00 574	/		-	
5	2005		1200	1680	0 336	-/			
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		1							

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DATE: 22, 11, 18

### AIM:

To Analysis of Financial Statement Using Logical If statement, conditional Formating and convert excel document proto Word document.

AL GORITHM

STEP 1: Start the Process

STEP 2: start > All programs > Microsoft Dffice > Microsoft Excel.

STEP 3: Enter the necessary details for financial Statement

STEP 4: If statement used to check wheather the value of true or false using = If (Logical-Lest), [value-if-true], [value- of-false]

STED 5: Select any row from financial statement and click home > conditional Formatting > highlight cell rules

Excel Document into word Document

STEP 6: Select the Financial statement table in Excel document table -> border -> all borders

STEP 7: Copy the Financial statement and paste 9n Microsoft word Document.

STEP 8: End the process

posult:

Thus the above program has been executed successfully and the output Ps verified

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١	2010	100000	10000	90000	good
2	2011	200000	20000	180000	good
3	2012	300000	30000	270000	good
4	2013	400000	40000	360000	good
5	2014	500000	50000	450000	900d
Ь	2015	600000	60000	540000	bad
7	2016	700000	70000	630000	bad
8	2017	800000	80900	720000	bad
9	2018	900000	90000	810000	bad
10	2019	1000000	100000	900000	bad
					!

DATE: 30.11.18

AIM

To Forecasting annual revenues creating validity and using Linear, Quardractic Bubli-Cubic and Expontential Regression models to fit the trend of historical data by using Scatter diagram

### ALGORITHM

STEP 1: Start the process

STEP 2: Start > All programs > Microsoft Office > Microsoft

Excel

STEP 3: Enter the details in Excel for 10 years

## Trendline

STEP 4: Select the details > Insert > scatter > select one

chart > Go to Layout > Trend Line > Linear trendline.

next click the expontential trendline

STEP 5: Select the series > Expontential and click

display equation on chart and click ok

STEP b: select the series 2 > polynomial and click display R<sup>2</sup> squared value on chart and click ok.

regression

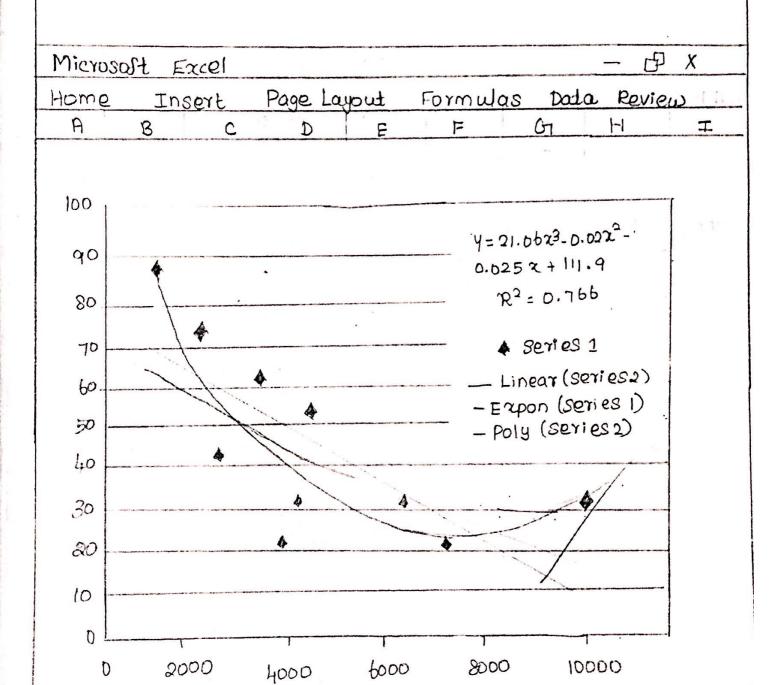
MEP 7: Data > Data analysis > Regression > select Rank R2 and the output range cleck ok and summary output will be display

3TEP 8: End the process

Result:

Thus the above program has been exocuted and the output is verified.

Output:



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SUMMARY C	Τυστυο						
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R Square	0.5197	16					
Adjusted	0.459	180		·			4.1
Observati		10					. 14
ANOVA	•	**				<u> </u>	
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6631632:0	1	27900	0440 .	27900440	8.656	815	0.018645
Residual	2	2578	3560	3222945			
Total	9	5368	4000				

## FORECOSTING FINANCIAL & STATEMENTS

7,12,18

### AIM:

To Forecost the revenues using sensitivity analysis.

### ALGORITHM

STEP 1: Start the process

STEP 2: Start > All programs > Microsoft. Office > Microsoft

Excel

STEP 3: Type the data as value of dividend, growth date

STEP 4: Types the values like sales of chair, cost, price, salary

STEP 5: 70 Find the revenue and cost of sales

STEP 6: Enter the different price in column conse and different

sales in Row wise.

STEP 7: Select > Data > what Pf analysis > Data Table

STEP8: Display the Value and end the process

# Result:

Thus the above program has been executed successfully

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A Sensitivity Ana	lysis	В	C	D E	F
Assumptions		B 10 10 10 10 10 10 10 10 10 10 10 10 10			
chairs sold		1000			
Price / chair		150			
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Payroll	1	りのつつ			
Profit & Loss Slat	ement				
Revenue	١	100000			
cost of sales		50,000			
Gross profit		100000	a lifting		
S 61 8 A		60000			
operating profit		40,000			
	•				
\$ 40.000	500	750	1000	1250	1500
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\$ 175	2500	33750	65000	96250	127500

1500D

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65000

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2500

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90000

5 2500

15000

-22500

DATE: 12.12.18

AIM

To Forecost the seasonal Revenue

ALGORITHM

STEP 1: Start the process

STEP 2: Start -> All programs -> Microsoft Office >>

Microsoft Excel

STEP 3: Enter the values like year and seasons to

Excel

STEP4: Select the data > Insert > chart

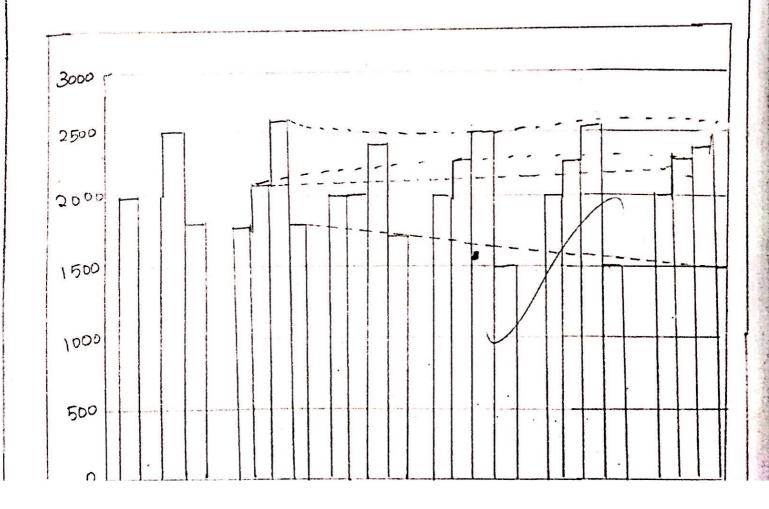
STEP 5: Go to Layout > Trend Line > series 1 > moving Trend Line

STEP 6: End the process

Seasons

11	na	V
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1				,
2013	1985	2001	2532	1843
2014	1850	2200	2645	1852
2015	1942	2180	2454	1750
2016	1997	2254	2447	1687
2017	1999	2354	2052	2099
2018	2998	2422	2500	2500



Ex:No:6

Date: 18.12.18

TIME VALVE OF MONEY

AIM:

To Forecast the time value of Money Using the Financial for calculating the Bresent Value by Using the NPV, IRR. PMT.

ALGORITHM!

STEP1: Stort the Powcess.

STEPA: Otant -> All pongrams-> Microsoft obtice->
Microsoft Excel.

- STEP 3: Type the data as value of year cashflow interest and enter the value for Loan, Interest periods, comparting, period payer
- STEP 4: Calculating the NPV Using formula (BI+NPV(B2/B3:B6) and press enter the button
- STEP 5: calculating the IRR USPng Formula: IRR(B2:86174)
- STEP 6: calculating the PMt uspng formula to find the monthly photalment = PMt. (20/12, (25, (19)

STEP 7: calculating the pmt for 10 month using

formula = (2\*10)

STEP 8: Display the Result

STEP 9: Stop the process.

posult:

Thus the above program has been executed

successfully and the output is verified.

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3	12250	
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year	Cash flow	Interest
0	12000	5%
1	15000	n
2	13500	"
3	12250	"
4	18200	"/

JRP =115 %

loan amount 500

Interest rate 4.50%

Period 60

compainting ] 10

Period per year ]

Monthly Invesment 93.21509621 /

DATE: 21.12.18

AIM

To organizing the cash Budgeting using sensitivity Analysis

ALGOR ITHM

STEP 1: Start the process

STEP 2: Start -> All Programs -> Microsoft office -> Microsoft Excel

STEP 3: Type the data as value of dividend, growth rate of dividend, and discount rate and enter the values.

STEP 4: Calculating the Value of Stock using the formula  $= C2 \times (1+c3)/(c4-c3)$  and enter the button

STEP 5: Select Data > what if analysis > Data Table > select the growth rate and enter the button step 6: To link data from sheet 1 to sheet 2 by using = sheet! c2 and enter the button.

STEP 7: DPSplay the result and stop the process

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	Growth rate (9)	6		
	Discount rate (ke)	50		
	value of stock	47.72727		
	Growth rate	value of stock		
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	7	55. 81395_		
	8	64, 28571		
	Q	73.17073		
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	And the second s			8
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DATE: 9.1.18

AIM

To calculate the weighted average cost of capital using the tools of Goal Seek.

ALGOR ITHM

STEP 1: start the process

STEP 2: Start -> All programs -> MPCrosoft Office -> MPCrosoft Excel

STEP 3: Type the column name as (equity, Debt, Cost of equity, cost of debt and Tax rate) and enter the values

STEP 4: To calculate the weighted average cost of capital using the formula for = B2/B2+B3\*B4+B3/B2+B3\*

B5\*(1-Bb) and enter the button

STEP 5: To Identify the Goal seeking Data > what if analysis > Goal seek

STEP 6: In the set se cell select the value of weighted average cost of capital. To value mention the Value you want to change by changing cell in which you want to change in the Value (Debt. Equity)

STEP 7: Drsplay the result

STEP 8: Stop the process.

J. J. J.

Result:

Thus the above program has been executed successfully and the output 80 verified.

# output

	(fx = B2)	B2+B3 +.B	4+B3/B2+B3	3 * B5 * (1-1	36)	
	Α	В	<u> </u>	D	E	F
١		2017	2018	2019	•	•
2	Equity .	500	528	635		
3	Debt	100	459	254		
4	Cost of Equaty	147.	14 %	14%	***************************************	
5	Cost of Debt	57.	5%	5%		
6	Tax rate	30%.	30%	30%		
7						
8	WACC	18.7	22.19432	36- 595	!	

Mic	rosoft excel	5	V V			
g y a ngul ng digita na la na	(fx = 82	1/B2+B3 ×	B4 + B 3/B2.	+B3 * B5	x (1-Bb.	)
	A	В .	C .	D ·	E	F
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2	Equity	500	528	635/		
3	bebt	1689	459	25/4		
Lj	cost of Equity	144.	14 %,	/A v.		
5	cost of bebt	51.	54,	54.		
6	Jax rote	30%	304.	301		
7					<u> </u>	The state of the s
•	l. WACC	300	82,19432	36,595		

EX: NO: 09

PROFIT BREAK EVEN AND LEVERAGE

DATE: 22.1.19

AIM:

To calculating profit from a firms cashflow using Excel Solver.

ALGIDRITHM

STEP 1: Start the process

STEP 2: Start > All programs > Microsoft Office > Microsoft Excel

STEP 3: Type the Row name as [show room, coffee machine, furniture] and enter the Values.

STEP 4: To calculate the value of Total fixed cost using the formula (=B5+B6+B7) and enter and calculate the profit using the formula (=B19\*B17-B19\*B13-B9) and enter

STEP 5: Select Data > Solver Tool Dialogue Box will be open, In Set cell select the profit (with formula) and set the Value of D.

STEP 6: By changing cell > select the changing cell (click unit sales) and subject to the constraints > Add >

cell reference [click unit sales] > allock greater than > To value is of and then circk solve

STEP 7: Save the program

STEP8: End the process

7/X

Result:

Thus the above program has been executed successfully and the output 18 verified.

Prospe

16

monthly

1 E- 06

# DEPRECIATION SCHEDULE

### AIM:

To calculate Depriciation Schedule

#### ALGORITHM

- STEP 1: start the process
- STEP 2: start -> All programs -> Microsoft Office -> Microsoft Excel
- STEP 3: Enter the details like original cost, Residual value and useful 19fo in years and enter the values
- STEP 4: To calculating annual depreciation using the formula = (CB-C4)/C5
- STEP 5: Type the row as period, Book value in the beginning,
  Annual Deprication on Expenses, Accumulated Deprication
  on Expenses and Book value in the enaling.
- STEP 6: To Find the Annual Deprivation value using F4 key.
- STEP 7: To calculated accumulated Depriciation on add the E13+D14 and drag it.
- STEP8: To Find the Book Value in Ending year using the formula c13-D13 and drag it
- STEP9: To Find the Book value an beginning year using the key = E13 and enter.

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10	$ \nabla x  = C1^2$	3-D13			
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	useful life(in years)	10			
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	3 4-	351500	1 00.500	198000	305000
	5	352 500	0.1500	247800	250500
	6	252500	49500	217000 -	203000
		203000	49500	345500	153500
	7	153500	49502	396000	104,000
		1 2 2 2 2 2		445500	54500
	8	104000	44500	495000	5000

EX: NO: 10:2

## CAPITAL BUDGETING:

28.1.2019

NPV

### AIM

To calculate NPV and IRP Statement

### ALGORITHM

STEP 1: start the process

STEP 2: Start > All programs > Macrosoft Office > Microsoft Excel

STEP 3: Enter the details like years, Initial Quality, and after tax and enter the values.

STEP 4: To calculate the WACC for using the formula after tax  $\div (1+10\%)^{1}$  drag the value to 5 years.

STEP 5: calculate the present value = Sum B4:F4 (select weighted average cost of Capital values)

STEP6: To subtract the Initial Quality from present Value will get the NPV.

STEP7: Goto Data > What if analyses > Goal seek.

STEP8: Save the program and find the process

## Result:

Thus the above program has been executed Successfully and the output is verified.

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Microsoft Excel						and the second second second
· fx	= 16 - 17	1				
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years		1	2	3	4	5
	2016	2017	2018	2019	2020	2021
Instial Quality	-25000					
After tax cosh		100000	150000	200000	250000	30000C
WACC		90909.09	123966-9	150263	170753.4	186276.4
10 4.	1 THE CO. P. L.					
				Present value	722168.8	and the second second second second
				Lossinti	250000	
				MPV	472168.8	

Ex: No: lo.3

CAPITAL BUDGETINGS-

28,1,2019

TWO VARIABLE

### AIM:

To creating variable input table using sensitivity analysis.

ALGORITHM:

STEP1: Start the process

STEP2: Start > All -programs > Microsoft Office > Microsoft Excel

STEP3: Type the values 19ke sales of charr, cost, proce, Rend and salary.

STEP4: To find the revenue and cost of sales.

STEP5: Enter the different price in column whose and different Sales in Row whose.

STEP 6: Select > Data > what if analysis > Data Table

STEP 7: Display the Value

STEP8: End the process

## result:

Thus the above program has been executed successfully and the output is verified.

					-
Microsoft Exiel					
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Sensitivity Analysia		The second of th			
Assumptions					
chairs sold	1000	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			
Pricel chair	\$ 150				
cost/chapr	\$ 50				
Store Ront	\$ 10,000				
Payroll	\$ 50,000				
Profift & Loss Statement			-		
Revenue	\$ 150.000				
cost of sales	50000		•		
Gross profit	100000.				
361 & A	60000				
operating Profit	40,000				

			Chairs Sold				· · · · · · · · · · · · · · · · · · ·
	1	40,000	500	750	1000	1250	1500
_	\$	200	1500	52500	90000	12.7500	165000
	3	175	2500	33750	65000	96250	127500
	\$	150	-10000	15000	40000	65000	90000
	\$	125	-22500	-3750	15000	33750	52500
-	\$	100	-35000	-22500	-10000	2500	15000
	\$	75 /	-47500	-41250	-35000	-28750	-22500

## **Scanned with CamScanner**

### AIM:

To create a spreadsheet on evaluate the Financeal payments using one and two voulable input table using sensitivity analysis.

### ALGIDRITHM:

STEP 1: Start the process

STEP 2: Start > All programs > Microsoft Office > Microsoft Excel

STEP 3: Type the nessesary details and enter the values

STEP 4: To calculate Balance en using formula = FV(B4/B5, B6\*B6,,-B3) and enter.

STEP 5: To Find one Variable Data Table > select > Data > what if analysis > data Table > select the Instial Investment and drag it.

STEP6: To Find two Variable Data Table > Select Data > What if analysis > data Table > In the Row Input cell > Select year > In the Column Input cell to Select Initial Investment.

STEP 7: Display the result

STEP 8: Stop the process

# Result:

Thus the above program has been executed successfully and the output is verified.

### **Scanned with CamScanner**

(DME VARIABLE)

Microsoft Excel				and the state of t
Γα = FV (B4/85, 86)	85, -83	s)	anguage and a state of the participant of the state and and	
Α	В	. С	D	E .
Compound	Interes	Calcude	Jon	
Instal Investment	\$ 2000			
Annual Interest rate	5%			
compounding pariods per year	12			
yea'rs	5			
Balance	\$ 2566,72			

# (TWO VARIABLE)

		Years	
\$2,566,72	3	4	5
\$1000	\$ 1 161.47	\$1220,90	\$ 1,283.35
\$2000	\$ 2,322,94	12441,79	\$ 2,566,72
\$ 3000	\$ 3,484,42	\$ 3.662.69	\$ 3,850.08
\$4000	\$ 4,645.89	\$4:283.58	\$5,138.43
\$ 5000	\$ 5,807.36	\$6.104.48	\$ 6,416,79

## **Scanned with CamScanner**

27,2,2019

#### AIM

To calculate the capital Budgeting Risk analysis using Excel Scenario manager.

### ALGORITHM:

STEP 1: Start the process

STEP 2: Start > All programs > Microsoft Office > Microsoft Excel

STEP 3: Enter the cost and profit bor.

STEP 4: To calculate the selling using = (500 + (1500 + 601.)

Go to Data > what if analysis > scenario Manager.

STEP 5: In that dialogue box click ADD > changing cell >
Best profit 0.9 > 0K

STEP6: In the same way Add the most and mowerst

STEP 7: click -> summary

STEP 8: save the program and Display the process

## Result:

Thus the program has been executed successfully and the output 18 Verified.

oviput					112
Nevosoft	Exiel	· • virginis and interpretable statement and control of the contro			bedanaga arabi da der a rayaki da di katalar rasanda
Cost	1500	best	90%		
Profit	90%	most	60%		The state of the s
selling	2850	Morct	30 /.		
Scenario	Summars				
Cochairo	Sommore	Current la'se	hnol	promotion decimality and will and make a	ovo l
changing	calla		best	most	worst
	\$L\$33	90 y.	90%	60%	30%
Repuit		10.70		0071	30%
4	L\$34	2 850	2350	2400	1950
			¥		

V 4. 3.2019

MIA

capital budgeting Risk analysis using mortocardo strmulation using Excel tools.

ALGORITHM

37EP1: Start the process

STEP 2: start > All programs > Microsoft office > Microsoft Excel

STEP 3: Go to data malysis in data tab un the data analysis dialogue box select random number generation.

STEP 4: In random number generation dealog box number of Vareable column 1 and in humber random number 98 30.

STEP 5: select the required distribution (uniform, normal and triangular distribution) in the distribution dropdown.

STEP6: Gira appropriate required parameters in the parameters column

STEP7: Select the output options in the list and click or.

STEP8: End the process.

Mecrosoft Excel			
Rondom Number Gu	eneration		
Number of Variable	(03: 2	Ol	
Number of Pardom 1	Numbers 30	Conc	el i
Distribution B	Inomial	: He	P
Parameters	, <b>1</b>		
p value =	0.05		- 5
Number of trails =	1		
Random Seed:			
output options			
@ Output Range	F		
O New Worksheet	Ply: \$G\$15	75	
O NEW Workbook			

14.3.2019

#### MIA

To calculate valuation of Common Stocks using sensitivity analysis

# ALGORITHM

STEP 1: Start the process

STEP 2: Start > All programs > Microsoft Office > Microsoft Excel STEP 3: Type the data as value of dividend, growth rate of dividend and discount rate and enter the values.

STEP 4: calculating the value of stock using the formula = c2\*(1+c3) 1 (c4-c3) and enter the button.

STEP 5: select Data > what if analysis > Data Table >
Select the growth rate and enter the button
STEP 6: Display the result and stop the process

### Result:

Thus the above program has been executed Successfully and output is verified.

Microsoft Excel								
Home	rage rayour	Formulas	Da	ta Vie	w	-		
	₹ (f2 = C2 x (1+C	3)/(c4-c3)		The section of the se	1	-		
A	B	C	D	E	F	-		
	Value of Dividend (do)	300		-				
	Growth rate (g)	6			1			
	Discount orato (ke)	50						
	Value of stock	47.72727		•				
	Growth Rate	Value of stock						
	6	47.72727						
	7	55.81395						
	8	64. 28571						
	9	73,17073	*					
	10	82.5						
	11	92.30769						
	12	102.6316						
	13	113, 5135						
	14	125			100000			
	15	137.1429	A STATE OF THE PARTY OF THE PAR					

Result:

2

2

2

Thus the above program has been executed successfully and the output is verified.

