

PO CO MAPPING AND ATTAINMENT CALCULATIONS

STEPS 1:

- 1) Upload Student Excel-
- 2) Create Class -
- 3) Upload Student Data in Particular Class -
- 4) Create Exam Course Wise -
- 5) Upload Student Marks for each subject –

Upload Student Excel Data

Medium	Year	Course	Course Name	Surname	First Name	Father Name	Mother Name	Contact No.	Pm No.	Email
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[Download Excel Format](#)

Import CSV file

Choose CSV File No file chosen

- 1) DOWNLOAD FORMAT
- 2) ADD DATA IN EXCEL AS PER THE FORMAT (REMOVE HEADERS)
- 3) CHOOSE EDITED EXCEL
- 4) CLICK ON IMPORT BUTTON
- 5) VERIFY DATA
- 6) INSERT INTO TABLE

Sr. No.	Medium	Year	Course	Course Name	Surname	First Name	Father Name	Mother Name	Contact No.	Pm No.	Email	Status
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7) Assessment of CO Attainment

a) Subject wise - Marks Display as per the excel Given

b) Calculations:

i) Distribute marks level as per the given table

(1) 45 - Level 1 Below Average 45 =<

(2) 55 - Level 2- Average

(3) 65 - Level 3 Above Average

<i>Attainment Levels for</i>				
Level	Level Description for above subject			
	No student scoring			
1		45	% students scoring	50
2		55		
3		65		
				% and above in the question in End Test Examination

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General

Format as Table

AutoSum AutoFilter Sort Fill Format

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	A	B	C	D	E	F
8	Name of the Course	Techniques I				
9			Attainment Levels for			
10		Level Description for above subject				
11		Level	No student scoring			
12		1	45	50 % students scoring	50	% and above in the question Examination
13		2	55			
14		3	65			
15						
16		Roll No	Candidate Name	MATHS-I		
17		1		80		
18		2		75		
19		3		45		
20		4		17		
21		5		85		
22		6		40		
23		7		12		
24		8		40		
25		9		0		
26		10		51		
27		11		89		
28		12		54		
29		13		13		
30		14		54		
31		15		50		

Articulation Matrix Co attainment Po attainment Average attainment Final attainment Sheet1

Local backup off Average=124.2909699 Count=17 Sum=1367.200669 166%

How this table calculate	
Benchmark i.e Average score (%)	50 (constant.)
% & above obtained by Benchmark (50% > count)	180
Total number of students	301
Attainment Level in % - 180/ total number of students	60.20
Attainment Level	2
No of students not attempted the exam i.e absent students	1

8) Assessment of PO/PSO attainment

Assessment of CO-PO/PSO attainment									
Programme Name: B.COM.									
Name of the Course: Mathematical & Statistical Techniques I									
CO- PO/PSO Articulation Matrix									
	PO1	PO2	PO3	PO4	PSO1	PSO2	PSO3	PSO4	
CO1	3		2		1	2	1	1	
CO2	3	2	2		1	2	1		
CO3	3		2	2	1	2	1	3	
CO4	3		2	2	1	2	1		
CO5	3		2		1	2	1	3	
SUM	15	2	10	4	5	10	5	7	
COUNT	5	1	5	2	5	5	5	3	
TARGET	3	2	2	2	1	2	1	2.33	
COUNT	5	1	5	2	5	5	5	3	
TARGET	2	1.33333333	1.33333333	1.33333333	0.66666667	1.33333333	0.66666667	1.56	

a)

i) Formula:

Target (From articulation matrix) * attainment level (from mark sheet) / 3 (constant) i.e number of level of attainment

9) Average Attainment Level of CO-PO/PSO

Average Attainment level of CO_PO/PSO									
Programme Name: B.COM.									
Batch:2017-20									
SEMESTER	SUBJECT NAME	PO1	PO2	PO3	PO4	PSO1	PSO2	PSO3	PSO4
SEM1	Accountancy & Financial Management I	2.50	2.50	2.25	2.25	2.25	3.00	2.25	2.25
	Commerce I	0.92	0.83	0.75	0.67	0.75	0.58	0.75	0.75
	Business Economics I	1.83333	1.67	1.50	1.67	1.50	1.17	1.33	1.50
	Business Communication I	1.5	1	1	2.5	0.5	2	2.5	1.66667
	Environmental Studies I	0.33	0.33	1.00	0.75	0.44	0.33	0.58	1.33
	Mathematical & Statistical Techniques I	2.00	1.33	1.33	1.33	0.67	1.33	0.67	1.56
	Foundation Course I	0.75	0.50	0.50	1.33	0.50	1.00	1.25	0.83
	SEM2	Accountancy & Financial Management II	1.67	1.67	1.50	1.50	1.50	2.00	1.50
Commerce-II		2.25	2.25	2.25	1.00	2.00	2.00	1.75	2.00
Business Economics II		2.25	2.50	2.00	2.25	2.00	2.33	2.00	1.75
Business Communication II		1.5	1	1	2.5	0.5	2	2.5	1.66667
Environmental Studies II		0.66667	0.67	0.83	1.33	0.78	0.67	0.83	0.67
Mathematical & Statistical Techniques II		1.00	0.67	0.67	0.67	0.33	0.67	0.33	0.78
Foundation Course II		2.00	2.40	2.00	2.25	4.00	3.00	2.33	1.80

a)

Score of all the matrix subjectwise

10) Final Attainment Level of CO-PO/PSO

Final Attainment level of CO_PO/PSO									
Programme Name: B.COM.									
Batch:2017-20									
Po's	PO1	PO2	PO3	PO4	PSO1	PSO2	PSO3	PSO4	
Direct Attainment	2.11	1.99	1.94	1.95	1.96	1.97	1.92	1.97	
Indirect Attainment	2.28	2.28	2.23	2.22	2.23	2.28	2.22	2.30	
Total=80%*Direct Attainment+20%*Indirect Attainment	2.14	2.04	2.00	2.00	2.02	2.03	1.98	2.04	
Attainment in %	71.43	68.14	66.52	66.71	67.18	67.58	65.92	68.00	
HoD	IQAC Convener				Principal				

