



## **Prahladrai Dalmia Lions College of Commerce & Economics**

Sunder Nagar, S. V. Road, Malad (West), Mumbai – 400064.

**ISO 9001:2015 Certified**

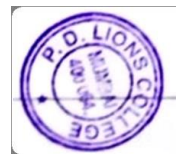
### **2.6.2 Attainment of Program Outcomes, Program Specific Outcomes and Course Outcomes are evaluated by the institution**

The institution frames the Program Outcomes and the Course Outcomes keeping in mind the graduate attributes and taking the help of Bloom's Taxonomy. The prepared outcomes are displayed on the website and conveyed to the students at the start of every semester.

To calculate the attainment of POs and Cos, a mapping matrix is prepared. The matrix maps the COs to POs and to the PSOs as shown below. The mapping levels are as under:

- 1 stands for Slight that is low Correlation
- 2 stands for Moderate that is medium Correlation
- 3 stands for Substantially high Correlation
- -- indicates there is no correlation.

A specimen of the mapping matrix is as under:





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PO CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9
Business Communication Sem I									
BCSEM1CO1	3.00	1.00	1.00	-	-	-	-	-	-
BCSEM1CO2	1.00	1.00	2.00	1.00	-	-	-	-	-
BCSEM1CO3	2.00	1.00	-	-	-	-	-	-	3.00
BCSEM1CO4	3.00	3.00	-	-	-	-	-	-	-
BCSEM1CO5	1.00	3.00	1.00	-	-	-	-	-	-
<b>Avg</b>	2.00	1.80	1.33	1.00	0.00	0.00	0.00	0.00	3.00
Business Communication Sem II									
BCSEM2CO1	3.00	1.00	-	-	-	-	-	-	-
BCSEM2CO2	3.00	1.00	2.00	-	-	-	-	-	-
BCSEM2CO3	1.00	1.00	2.00	-	-	-	-	-	-
BCSEM2CO4	1.00	3.00	-	-	-	-	-	-	-
<b>Avg</b>	2.00	1.50	2.00	0.00	0.00	0.00	0.00	0.00	0.00



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Each subject has Course outcomes (COs). These COs are mapped with POs & PSOs based on Intended Learning Outcomes. Each COs is assessed using a Direct assessment tool that reflects the knowledge level and skills of the students based on their performance in Continuous Assessment Test and the semester end examinations. An average of the mapping levels is found. A next sheet is prepared where the average of the mapping levels of all the courses is incorporated.

Course \ PO's	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9
BCSEM1	2.00	1.80	1.33	1.00	0.00	0.00	0.00	0.00	3.00
BCSEM2	2.00	1.50	2.00	0.00	0.00	0.00	0.00	0.00	0.00



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Now the course wise standards are set with the attainments now as 3, 2, 1.

F.Y.Bcom							
Subject	Sem I				Sem II		
	3	2	1		3	2	1
F.A.							
Com							
Eco	60	50	40		60	50	40
B.C.	80	60	40		60	50	40
EVS							
F.C.	70	60	50		70	60	50
Maths	70	60	50		70	60	50

The target Marks is fixed for each course by the Head of the Departments. The Target marks is fixed by considering the average marks obtained in semester exams of the previous years. The total number of students achieving more marks the target is found out and allocated the attainment level as stated above (3,2,1).



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## Sem I

SUBJECT	AVERAGE MARKS			TARGET MARKS	TOTAL NO. OF STUDENTS MORE THAN THE TARGET MARKS	PERCENTAGE ATTAINED	ATTAINMENT LEVEL
	INTERNAL EXAMS	EXTERNAL EXAMS	TOTAL				
FINANCIAL ACCOUNT			69.96	52	679	76.55	
COMMERCE			75.05	50	809	91.21	
ECONOMICS			53.73	50	570	64.26	3
BUSINESS COMMUNICATION			74.10	60	769	86.70	3
ENVIRONMENTAL STUDIES			66.69	45	829	93.46	
FOUNDATION COURSE	16.49	51.14	61.77	60	550	62.01	2
MATHEMATICS & STATISTICS			64.16	50	727	81.96	3
<b>Total no. of Students</b>			<b>887</b>				

The target marks are then compared to the average of the mapping levels to find out the attainment of each Program Outcomes.



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PO's Course	CO attainment (A)	PO1 (M1)	PO2 (M2)	PO3 (M3)	PO4 (M4)	PO5 (M5)	PO6 (M6)	PO7 (M7)	PO8 (M8)	PO9 (M9)
BCSEM1	3	2	1.8	1.33	1	0	0	0	0	3
BCSEM2	0	2	1.5	2	0	0	0	0	0	0
FASEM1		3	2.33	2	1	0	0	0	0	0
FASEM2		3	3	2	1.25	0	0	0	0	0
MSSEM1	3	2.83	2.17	1.67	2.33	0	0	0	0	0
MSSEM2	0	2.17	2	1.5	3	0	0	0	0	0
FCSEM1	2	3	2.4	1	2	3	1	3	2.33	1.67
FCSEM2	3	3	2	2	1	3	1	3	3	1
BESEM1	3	3	2.8	2.25	2	0	0	0	0	0
BESEM2	0	3	3	2	2	0	0	0	0	0
FASEM3		3	3	2	1	0	0	0	0	0
FASEM4		2.75	1.5	1.67	1.33	0	0	0	0	0
MASEM3		2.75	1.25	2.67	2.67	0	0	0	0	0
MASEM4		3	2	0	0	0	0	0	0	0
BLSEM3		3	2.8	1.2	0	0	0	0	0	1
BLSEM4		3	2	1.6	0	0	0	0	0	2.2
BESEM3	3	3	2.25	1.25	0	0	0	0	0	0
BESEM4	3	3	2	0	0	0	0	0	0	0



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FCSEM3		3	2.86	3	0	2.5	2.67	3	1	2
FCSEM4	0	2.14	2.17	2	0	3	0	3	2	2
CSSEM5	1	3	3	2	1	0	2.6	0	0	0
CSSEM6	1	3	2.8	2	1.5	0	2.6	0	0	0
DTSEM5		3	2.4	2.5	2.5	0	0	0	0	0
DTSEM6		0	0	0	0	0	0	0	0	0
FASEM5		3	2	2	1.25	0	0	0	0	0
BESEM5	3	3	2	0	0	0	0	0	0	0
BESEM6	3	3	2	2	0	0	0	0	2	0
	$\sum A * M_i$	80.5	61.65	37.5	25.5	15	10.2	15	19.6666667	15.3333333
	$\frac{\sum A * M_i}{\sum M_i}$	1.09311348	1.04449375	0.85943468	0.95031056	1.30434783	1.03378378	1.25	1.90322581	1.19170985

The institution then finds the gaps with the help of unattained outcomes and then is able to take decisions for improve the teaching learning process so as to attain the outcomes in the future. Further decisions are taken by the institution for the gaps identified with help of attainment.



  
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