

CO Attainment		a. Direct Method	80%
		b. Indirect Method	20%
Guidelines			
a.	minimum acceptance level of each assessment of the internal and external examination representing all CO's	60%	
b.	Percentage of attainment	number of students above minimum acceptance level / Total number of students appeared the examination	
c.	Attainment level of each Individual CO	Correlation levels (if $0.6 \leq X < 0.7$ then $X = 1$, else $0.7 \leq X < 0.8$ then $X = 2$, else $0.8 \leq X \leq 1$ then $X = 3$)	

https://www.youtube.com/watch?v=wmGQ_EvbEck&list=PL-djh1j5BT9jNf1BPFIKTPu9yP42DUO7_

Direct CO Attainment

Subject - MP 2024-25

			CO1			CO2			CO3			CO4			CO5			CO6				
			Internal Test-1	Quiz -1	Assignm ent-1	Internal Test-1	Quiz -1	Assignm ent-1	Internal Test-1	Quiz -1	Assignm ent-1	Internal Test-2	Quiz -2	Assignm ent-2	Internal Test-2	Quiz -2	Assignme nt-2	Internal Test-2	Quiz -2	Assignme nt-2	University attainment	Internal Marks
Sl. No.	Regd. No.	Name of the Student	3	2	1	3	2	2	9	1	2	3	2	1	2	2	1	10	1	3	Count the grades >= B and put in AB51 for calculation	
1	2306284001	ABHIJIT PANDA	2	2	1	2	1	2	9	1	1	3	2	1	2	2	1	9	1	3	A	45
2	2306284004	ABHISHEK SAMAL	3	2	1	3	2	2	9	1	2	3	1	1	2	2	1	9	1	3	A	48
3	2306284005	ABINASH NAYAK	3	2	1	2	1	2	9	1	1	2	1	1	2	2	1	9	1	3	A	44
4	2306284008	ADITYA PRATIHARI	3	2	1	3	2	2	9	1	2	3	1	1	2	2	1	9	1	3	A	48
5	2306284009	AISHARYA RAY	2	2	1	2	1	2	9	1	1	2	2	1	2	2	1	9	1	3	A	44
6	2306284011	AMAN KU SAMAL	2	2	1	2	1	2	9	1	1	3	2	1	2	2	1	9	1	2	A	44
7	2306284018	ANKUSH PRAMANIK	3	2	1	3	2	2	9	1	2	3	1	1	2	2	1	9	1	3	A	48
8	2306284019	ARPITA NAYAK	2	2	1	3	1	2	9	1	1	3	2	1	2	2	1	9	1	3	A	46
9	2306284020	ASHISHA KUMAR MOHARANA	2	1	1	2	1	2	8	1	1	2	1	1	2	2	1	8	1	3	A	40
10	2306284021	ASHOK BADAIK	2	1	1	2	1	2	8	1	1	2	1	1	2	2	1	8	1	3	A	40
11	2306284023	ASTHARANI NAYAK	2	1	1	2	1	2	8	1	1	2	1	1	2	2	1	9	1	3	A	41
12	2306284024	ASUTOSH ACHARYA	2	1	1	2	1	2	8	1	1	2	1	1	2	2	1	9	1	3	A	41
13	2306284027	BARSA PAITAL	2	1	1	2	1	2	8	1	1	2	1	1	2	2	1	8	1	3	A	40

14	2306284029	BHAKTAHARI KHATUA	2	2	1	2	1	2	9	1	1	3	2	1	2	2	1	9	1	2	A	44
15	2306284036	BISWARANJAN KAR	3	2	1	3	2	2	9	1	2	3	1	1	2	2	1	9	1	3	A	48
16	2306284038	BULU PRADHAN	3	2	1	3	1	2	9	1	1	3	2	1	2	2	1	9	1	3	A	47
17	2306284041	DAKSHYA NAG	2	2	1	3	1	2	9	1	1	3	2	1	2	2	1	9	1	3	A	46
18	2306284048	DIPTIMAYEE NATH	2	2	1	3	1	2	9	1	1	3	2	1	2	2	1	9	1	3	A	46
19	2306284049	ETISHREE PATRI	2	2	1	2	1	2	9	1	1	3	2	1	2	2	1	9	1	2	A	44
20	2306284051	GYANARANJAN KHATUA	2	2	1	3	1	2	9	1	1	3	2	1	2	2	1	9	1	3	A	46
21	2306284053	HIMANSHU SAHOO	3	2	1	3	2	2	9	1	2	3	1	1	2	2	1	9	1	3	A	48
22	2306284058	JINGYANSHU RANJAN RAUTARAY	2	2	1	2	1	2	9	1	1	3	2	1	2	2	1	9	1	3	A	45
23	2306284060	JYOTIRANJAN MISHRA	2	2	1	2	1	2	9	1	1	3	2	1	2	2	1	9	1	3	A	45
24	2306284062	KALYANI BHUYAN	3	2	1	3	2	2	9	1	2	3	1	1	2	2	1	9	1	3	A	48
25	2306284067	LINGARAJ TRIPATHY	3	2	1	3	2	2	9	1	2	3	1	1	2	2	1	9	1	3	A	48
26	2306284068	LIPSARANI SAHOO	3	2	1	3	2	2	9	1	2	3	1	1	2	2	1	9	1	3	A	48
27	2306284069	LOPARANI SETHI	2	2	1	2	1	2	9	1	1	3	2	1	2	2	1	9	1	3	A	45
28	2306284070	LUCKY MOHANTY	3	2	1	3	2	2	9	1	2	3	1	1	2	2	1	9	1	3	A	48
29	2306284071	MAHAMAYA PATTANAİK	2	2	1	2	1	2	9	1	1	3	2	1	2	2	1	9	1	3	A	45
30	2306284073	MAHESWAR SETHY	2	1	1	2	1	2	8	1	1	2	1	1	2	2	1	8	1	3	A	40
31	2306284074	MANARANJAN TANDI	2	1	1	2	1	2	8	1	1	2	1	1	2	2	1	8	1	3	A	40
32	2306284076	MILLAN KUMAR PRADHAN	2	2	1	2	1	2	9	1	1	3	2	1	2	2	1	9	1	3	A	45
33	2306284077	MONALISA RAY	3	2	1	3	2	2	9	1	2	3	1	1	2	2	1	9	1	3	A	48

34	2306284078	MOUSUMI ROUL	3	2	1	3	2	2	10	1	2	3	1	1	2	2	1	9	1	3	B	49
35	2306284079	NILAKANTHA KUTRUKA	2	2	1	2	1	2	9	1	1	3	2	1	2	2	1	9	1	3	B	45
36	2306284080	NIMAI CHARAN PANIGRAHI	3	2	1	3	1	2	9	1	1	3	2	1	2	2	1	9	1	3	B	47
37	2306284081	NIROJA PRIYADARSINI RATH	2	2	1	3	1	2	9	1	1	3	2	1	2	2	1	9	1	3	B	46
38	2306284082	NISHIKANTA SAHOO	2	1	1	2	1	2	8	1	1	2	1	1	2	2	1	9	1	3	B	41
39	2306284083	PALLABI GHADAI	2	1	1	2	1	2	8	1	1	2	1	1	2	2	1	8	1	3	B	40
40	2306284084	PIKUN PRUSTY	2	1	1	2	1	2	9	1	1	2	1	1	2	2	1	9	1	3	B	42
41	2306284085	POOJA PRIYADARSHINI	3	2	1	3	2	2	9	1	2	3	1	1	2	2	1	9	1	3	B	48
42	2306284087	PRANAY KUMAR BISWAL	2	2	1	2	1	2	9	1	1	2	1	1	2	2	1	9	1	3	B	43
43	2306284091	PRATEEK KUMAR KHATUA	2	1	1	2	1	2	8	1	1	2	1	1	2	2	1	8	1	3	B	40
44	2306284092	PRATIJNA SAMANTARAY	2	2	1	2	1	2	9	1	1	2	1	1	2	2	1	9	1	3	B	43
45	2306284094	PRIYADARSHAN PRUSTI	2	1	1	2	1	2	8	1	1	2	1	1	2	2	1	8	1	3	B	40
46	2306284095	PRIYADARSINI MISHRA	3	2	1	3	2	2	9	1	2	3	1	1	2	2	1	9	1	3	B	48
47	2306284096	PRIYANSHU PRIYADARSINI PATRA	3	2	1	3	2	2	9	1	2	3	1	1	2	2	1	9	1	3	B	48
48	2306284097	PULAK MISHRA	3	2	1	3	2	2	9	1	2	3	1	1	2	2	1	9	1	3	B	48
49	2306284099	PUSPA LATA SAHOO	3	2	1	3	1	2	9	1	1	3	2	1	2	2	1	9	1	3	B	47
50	2306284100	RAHUL ABHISEK SETHI	2	1	1	2	1	2	8	1	1	2	1	1	2	2	1	8	1	2	B	39
51	2306284105	RAJLAXMI NAYAK	2	1	1	2	1	2	8	1	1	2	1	1	2	2	1	8	1	2	B	39
52	2306284106	RAJMILAN MINZ	2	1	1	2	1	2	8	1	1	2	1	1	2	2	1	8	1	2	B	39
53	2306284111	RASHMI RANJAN PARIDA	3	2	1	3	1	2	9	1	1	3	2	1	2	2	1	9	1	3	B	47

54	2306284116	ROHIT KUMAR PANDA	3	2	1	3	1	2	9	1	1	3	2	1	2	2	1	9	1	3	B	47
55	2306284117	ROSHNI DASH	2	2	1	2	1	2	9	1	1	2	1	1	2	2	1	9	1	3	B	43
56	2306284118	RUDRANARAYAN BISWAL	2	2	1	2	1	2	9	1	1	3	2	1	2	2	1	9	1	3	B	45
57	2306284120	RUPALI MADHUMITA PANDA	2	2	1	3	1	2	9	1	1	3	2	1	2	2	1	9	1	3	B	46
58	2306284121	RUPALI PRADHAN	3	2	1	3	2	2	9	1	2	3	1	1	2	2	1	9	1	3	B	48
59	2306284123	SALONI LENKA	3	2	1	3	2	2	9	1	2	3	1	1	2	2	1	9	1	3	B	48
60	2306284125	SANAT PATNAIK	2	1	1	2	1	2	8	1	1	2	1	1	2	2	1	8	1	2	C	39
61	2306284126	SANGITA PRIYADARSINI	3	2	1	3	2	2	9	1	2	3	1	1	2	2	1	9	1	3	C	48
62	2306284127	SANKARSAN MOHANTY	2	1	1	2	1	2	7	1	1	2	1	1	2	2	1	8	1	2	C	38
63	2306284130	SANTOSH KUMAR DASH	3	2	1	3	2	2	9	1	2	3	1	1	2	2	1	9	1	3	C	48
64	2306284132	SARASWATI BEHERA	3	2	1	3	2	2	9	1	2	3	1	1	2	2	1	9	1	3	C	48
65	2306284133	SASHIKANTA BEHERA	3	2	1	3	2	2	9	1	2	3	1	1	2	2	1	9	1	3	C	48
66	2306284136	SATYA RANJAN MUDULI	3	2	1	3	2	2	9	1	2	3	1	1	2	2	1	9	1	3	C	48
67	2306284142	SAURAV KUMAR JENA	3	2	1	3	2	2	9	1	2	3	1	1	2	2	1	9	1	3	C	48
68	2306284145	SIMRAN SINGH	3	2	1	3	2	2	9	1	2	3	1	1	2	2	1	9	1	3	C	48
69	2306284146	SITANSU SEKHAR PRADHAN	2	1	1	2	1	2	7	1	1	2	1	1	2	2	1	8	1	2	E	38
70	2306284147	SK NIYAZUDDIN	3	2	1	3	2	2	9	1	2	3	1	1	2	2	1	9	1	3	E	48
71	2306284148	SMARIKA NAYAK	2	1	1	2	1	2	7	1	1	2	1	1	2	2	1	8	1	2	E	38
72	2306284149	SMRUTI RANJAN RATH	2	1	1	2	1	2	8	1	1	2	1	1	2	2	1	9	1	3	E	41
73	2306284151	SNEHA VISHWAS PARANJAPE	2	1	1	2	1	2	7	1	1	2	1	1	2	2	1	8	1	2	E	38

[illegible]

			CO1			CO2			CO3			CO4			CO5			CO6				
	DIRECT CO ATTAINMENT		3			3			3			3			3			3			3	Average
		Direct CO ATTAINMENT																				
	University 67% and Internal assessment 33%(because University 100 marks and Internal assessment 50 marks)								CO													
	Internal 33% is divided as Internal tests 19,Quiz 7%, and Assignment 7%									3.00												
										3.00												
										3.00												
										3.00												
										3.00												
										3.00												
Average										3												

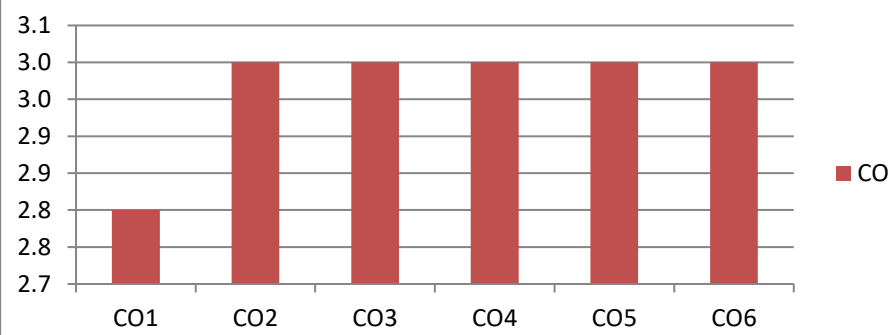
			Course Completion Feedback					
			Likert scale: 1(very low).....5(very high)					
Sl. No.	Regd. No.	Name of Students	CO1	CO2	CO3	CO4	CO5	CO6
1	2306284001	ABHIJIT PANDA	2	5	5	5	2	4
2	2306284004	ABHISHEK SAMAL	2	5	5	5	4	4
3	2306284005	ABINASH NAYAK	2	5	5	5	4	4
4	2306284008	ADITYA PRATIHARI	2	5	5	5	4	4
5	2306284009	AISHARYA RAY	2	5	5	5	4	4
6	2306284011	AMAN KU SAMAL	2	5	5	5	4	4
7	2306284018	ANKUSH PRAMANIK	2	5	5	5	5	4
8	2306284019	ARPITA NAYAK	5	5	5	5	5	4
9	2306284020	ASHISHA KUMAR MOHARANA	5	5	5	5	5	4
10	2306284021	ASHOK BADAİK	5	5	5	5	5	1
11	2306284023	ASTHARANI NAYAK	5	5	5	5	2	1
12	2306284024	ASUTOSH ACHARYA	5	5	5	5	2	1
13	2306284027	BARSA PAITAL	2	5	5	4	2	2
14	2306284029	BHAKTAHARI KHATUA	2	5	5	4	2	4
15	2306284036	BISWARANJAN KAR	2	2	4	3	5	5
16	2306284038	BULU PRADHAN	5	2	4	3	5	4
17	2306284041	DAKSHYA NAG	5	2	1	3	5	5
18	2306284048	DIPTIMAYEE NATH	5	2	5	3	4	5
19	2306284049	ETISHREE PATRI	5	2	5	3	4	5
20	2306284051	GYANARANJAN KHATUA	5	2	5	3	4	2
21	2306284053	HIMANSHU SAHOO	4	5	4	4	2	3
22	2306284058	JINGYANSHU RANJAN RAUTARAY	3	5	4	4	2	3
23	2306284060	JYOTIRANJAN MISHRA	3	5	4	4	5	5
24	2306284062	KALYANI BHUYAN	3	5	4	4	5	5
25	2306284067	LINGARAJ TRIPATHY	3	5	4	4	5	3
26	2306284068	LIPSARANI SAHOO	3	3	5	4	4	4
27	2306284069	LOPARANI SETHI	3	3	5	4	5	5
28	2306284070	LUCKY MOHANTY	3	5	2	4	4	5
29	2306284071	MAHAMAYA PATTANAIK	2	2	4	3	5	5
30	2306284073	MAHESWAR SETHY	5	2	4	3	5	4
31	2306284074	MANARANJAN TANDI	5	2	1	3	5	5
32	2306284076	MILLAN KUMAR PRADHAN	5	2	5	3	4	5
33	2306284077	MONALISA RAY	5	2	5	3	4	5
34	2306284078	MOUSUMI ROUL	5	2	5	3	4	2

35	2306284079	NILAKANTHA KUTRUKA	4	5	4	4	2	3
36	2306284080	NIMAI CHARAN PANIGRAHI	3	5	4	4	2	3
37	2306284081	NIROJA PRIYADARSINI RATH	3	5	4	4	5	5
38	2306284082	NISHIKANTA SAHOO	3	5	4	4	5	5
39	2306284083	PALLABI GHADAI	3	5	4	4	5	3
40	2306284084	PIKUN PRUSTY	3	3	5	4	4	4
41	2306284085	POOJA PRIYADARSHINI	3	3	5	4	5	5
42	2306284087	PRANAY KUMAR BISWAL	3	5	2	4	4	5
43	2306284091	PRATEEK KUMAR KHATUA	5	2	4	3	5	5
44	2306284092	PRATIJNA SAMANTARAY	5	2	4	5	5	5
45	2306284094	PRIYADARSHAN PRUSTI	2	2	4	5	5	5
46	2306284095	PRIYADARSINI MISHRA	2	2	4	5	5	2
47	2306284096	PRIYANSHU PRIYADARSINI PATRA	2	2	4	3	5	5
48	2306284097	PULAK MISHRA	5	2	4	3	5	4
49	2306284099	PUSPA LATA SAHOO	5	2	1	3	5	5
50	2306284100	RAHUL ABHISEK SETHI	5	2	5	3	4	5
51	2306284105	RAJLAXMI NAYAK	5	2	5	3	4	5
52	2306284106	RAJMILAN MINZ	5	2	5	3	4	2
53	2306284111	RASHMI RANJAN PARIDA	4	5	4	4	2	3
54	2306284116	ROHIT KUMAR PANDA	3	5	4	4	2	3
55	2306284117	ROSHNI DASH	3	5	4	4	5	5
56	2306284118	RUDRANARAYAN BISWAL	3	5	4	4	5	5
57	2306284120	RUPALI MADHUMITA PANDA	3	5	4	4	5	3
58	2306284121	RUPALI PRADHAN	3	3	5	4	4	4
59	2306284123	SALONI LENKA	3	3	5	4	5	5
60	2306284125	SANAT PATNAIK	3	5	2	4	4	5
61	2306284126	SANGITA PRIYADARSINI	4	5	4	4	2	3
62	2306284127	SANKARSAN MOHANTY	3	5	4	4	2	3
63	2306284130	SANTOSH KUMAR DASH	3	5	4	4	5	5
64	2306284132	SARASWATI BEHERA	3	5	4	4	5	5
65	2306284133	SASHIKANTA BEHERA	3	5	4	4	5	3

66	2306284136	SATYA RANJAN MUDULI	3	3	5	4	4	4
67	2306284142	SAURAV KUMAR JENA	3	3	5	4	5	5
68	2306284145	SIMRAN SINGH	3	5	2	4	4	5
69	2306284146	SITANSU SEKHAR PRADHAN	4	5	4	4	2	3
70	2306284147	SK NIYAZUDDIN	3	5	4	4	2	3
71	2306284148	SMARIKA NAYAK	3	5	4	4	5	5
72	2306284149	SMRUTI RANJAN RATH	3	5	4	4	5	5
73	2306284151	SNEHA VISHWAS PARANJAPE	3	5	4	4	5	3
74	2306284153	SNIGDHA DHADA	3	3	5	4	4	4
75	2306284154	SONALI KUMARI SINGH	3	3	5	4	5	5
76	2306284158	SOUMYA RANJAN BEHERA	3	5	2	4	4	5
77	2306284161	SOUMYA RANJAN SAHOO	3	5	2	4	4	5
78	2306284164	SOURAV KUMAR PRADHAN	3	5	5	2	5	5
79	2306284168	SUBHASMEETA PRADHAN	3	5	5	4	4	5
80	2306284177	SUSHREE SANGITA NAIK	3	5	5	4	4	5
81	2306284181	SWAGATIKA BEHERA	3	5	5	4	4	5
82	2306284182	SWARAJ KUMAR BEJ	3	5	5	4	5	5
83	2306284183	SWARAJ SAMAL	3	5	5	4	5	5
84	2306284184	SWARNALATA JENA	3	5	5	4	4	5
85	2306284185	SWETA SAH	3	5	5	2	5	4
		Average	3.41	3.99	4.24	3.91	4.13	4.11
	Indirect CO Attainment		2	3	3	3	3	3

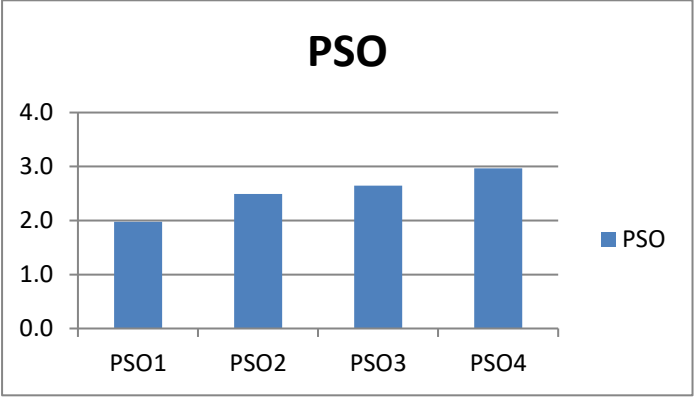
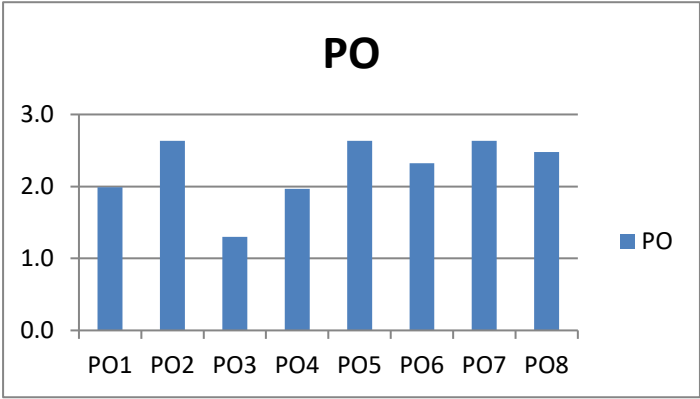
CO	Direct CO Attainment(80%)	Indirect CO Attainment(20%)	Actual CO attainment	Target	Attained/Not Attained
CO1	3.00	2	2.8	2	Not Attained
CO2	3.00	3	3.0	2	Not Attained
CO3	3.00	3	3.0	2	Not Attained
CO4	3.00	3	3.0	2	Not Attained
CO5	3.00	3	3.0	2	Not Attained
CO6	3.00	3	3.0	2	Not Attained

CO



103	Manpower Planning											
CO-PO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3	PSO4
CO1	1.00	3.00	3.00	3.00	3.00	1.00	3.0	2.0	2.0	1.0	2.0	3.0
CO2	2.00	2.00	0.00	3.00	3.00	3.00	2.0	2.0	2.0	2.0	3.0	3.0
CO3	3.00	3.00	0.00	2.00	1.00	1.00	3.0	3.0	2.0	3.0	2.0	3.0
CO4	3.00	3.00	1.00	2.00	3.00	3.00	3.0	3.0	2.0	3.0	3.0	3.0
CO5	2.00	3.00	1.00	1.00	3.00	3.00	2.0	2.0	2.0	3.0	3.0	3.0
CO6	1.00	2.00	3.00	1.00	3.00	3.00	3.0	3.0	2.0	3.0	3.0	3.0
AVG	2.0	2.7	1.3	2.0	2.7	2.3	2.7	2.5	2.0	2.5	2.7	3.0

Actual CO attainment		PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3	PSO4
2.8	CO1	0.9	2.8	2.8	2.8	2.8	0.9	2.8	1.9	1.9	0.9	1.9	2.8
3.0	CO2	2.0	2.0	0.0	3.0	3.0	3.0	2.0	2.0	2.0	2.0	3.0	3.0
3.0	CO3	3.0	3.0	0.0	2.0	1.0	1.0	3.0	3.0	2.0	3.0	2.0	3.0
3.0	CO4	3.0	3.0	1.0	2.0	3.0	3.0	3.0	3.0	2.0	3.0	3.0	3.0
3.0	CO5	2.0	3.0	1.0	1.0	3.0	3.0	2.0	2.0	2.0	3.0	3.0	3.0
3.0	CO6	1.0	2.0	3.0	1.0	3.0	3.0	3.0	3.0	2.0	3.0	3.0	3.0
Direct PO Attainment		2.0	2.6	1.3	2.0	2.6	2.3	2.6	2.5	2.0	2.5	2.6	3.0



CO-PO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3	PSO4
CO1	1.00	3.00	3.00	3.00	3.00	1.00	3.0	2.0	2.0	1.0	2.0	3.0
CO2	2.00	2.00	0.00	3.00	3.00	3.00	2.0	2.0	2.0	2.0	2.0	3.0
CO3	3.00	3.00	0.00	2.00	1.00	1.00	3.0	3.0	2.0	2.0	2.0	3.0
CO4	3.00	3.00	1.00	2.00	3.00	3.00	3.0	3.0	3.0	2.0	2.0	3.0
CO5	2.00	3.00	1.00	1.00	3.00	3.00	2.0	2.0	2.0	3.0	1.0	3.0
CO6	1.00	2.00	3.00	1.00	3.00	3.00	3.0	3.0	2.0	2.0	1.0	3.0
Average	2.00	2.67	1.33	2.00	2.67	2.33	2.67	2.50	2.17	2.00	1.67	3.00