

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	50%	
b.	Attainment level of each Individual CO	Correlation levels (if $0.5 \leq X < 0.6$ then $X = 1$, else $0.6 \leq X < 0.7$ then $X = 2$, else $0.7 \leq X \leq 1$ then $X = 3$)	

Course Outcome Attainment																									
Subject - BC (18MBA106) 2023-24																									
			CO1			CO2			CO3			CO4			CO5			CO6			CO7				
			Class Test-1	Quiz -1	Assign- ment-1	Class Test-1	Quiz -1	Assignm- ent-1	Class Test-1	Quiz -1	Assignm- ent-1	Class Test-2	Quiz -2	Assign- ment-2	Class Test-2	Quiz -2	Assignm- ent-2	Class Test-2	Quiz -2	Assignm- ent-2	Class Test-2	Quiz -2	Assignm- ent-2	University attainment	Internal attainment
Sl. No.	Regd. No.	Name of the Student	3	2	2	3	2	2	8	1	2	2	1	2	2	2	1	5	1	2	5	1	1	Count the grades >= C	
1	2306284001	ABHIJIT PANDA	3	2	2	3	2	2	5	1	2	2	1	1	2	2	1	3	1	2	3	1	1	C	42
2	2306284002	ABHISEK TRIPATHY	3	2	2	3	2	2	7	1	2	2	1	1	2	2	1	3	1	2	3	1	1	A	44
3	2306284003	ABHISEKH PRADHAN	3	2	2	3	2	2	4	1	2	2	1	1	2	2	1	3	1	2	3	1	1	A	41
4	2306284004	ABHISHEK SAMAL	3	2	2	3	2	2	6	1	2	2	1	1	2	2	1	3	1	2	3	1	1	B	43
5	2306284005	ABINASH NAYAK	2	2	1	3	2	2	4	1	2	2	1	2	2	2	1	3	1	1	3	1	1	B	39
6	2306284006	ABINASH RATH	2	2	1	3	2	2	5	1	2	2	1	2	2	2	1	3	1	1	3	1	1	B	40
7	2306284007	ADITYA NARAYAN MISHRA	2	2	1	3	2	2	5	1	2	2	1	2	2	2	1	3	1	1	4	1	1	B	41
8	2306284008	ADITYA PRATIHARI	2	2	1	3	2	2	5	1	2	2	1	2	2	2	1	3	1	1	3	1	1	A	40
9	2306284009	AISHARYA RAY	2	1	1	3	2	2	4	1	2	2	1	1	2	2	1	3	1	2	3	1	1	B	38
10	2306284010	AKASH MALLIK	2	2	1	3	2	2	4	1	2	2	1	2	2	2	1	3	1	2	3	1	1	B	40
11	2306284011	AMAN KU SAMAL	2	1	1	3	2	2	4	1	2	2	1	1	2	2	1	3	1	2	3	1	1	C	38
12	2306284012	AMAR KUMAR SETHI	2	2	2	3	2	2	5	1	2	3	1	1	2	2	1	3	1	2	3	1	1	A	42

13	2306284013	AMIT KUMAR MISHRA	2	2	2	3	2	2	6	1	2	3	1	1	2	2	1	3	1	2	3	1	1	B	43
14	2306284014	AMIT KUMAR SETHI	2	2	2	3	2	2	6	1	2	3	1	1	2	2	1	3	1	2	3	1	1	A	43
15	2306284015	AMIYA BARIK	3	2	1	3	2	2	5	1	2	2	1	1	2	2	1	3	1	2	3	1	1	A	41
16	2306284016	AMIYA PRASAD SAHU	3	1	1	3	2	2	4	1	2	2	1	1	2	2	1	3	1	2	3	1	1	C	39
17	2306284017	ANANTA GOPAL BEHERA	2	2	2	3	2	2	7	1	2	3	1	1	2	2	1	3	1	2	3	1	1	A	44
18	2306284018	ANKUSH PRAMANIK	3	2	1	3	2	2	5	1	2	2	1	1	2	2	1	3	1	2	3	1	1	A	41
19	2306284019	ARPITA NAYAK	3	1	1	3	2	2	6	1	2	2	1	2	2	2	1	3	1	2	3	1	1	F(Ex)	42
20	2306284020	ASHISHA KUMAR MOHARANA	3	2	1	3	2	2	5	1	2	2	1	1	2	2	1	3	1	2	3	1	1	B	41
21	2306284021	ASHOK BADAIK	2	1	1	3	2	2	4	1	2	2	1	1	2	2	1	3	1	2	3	1	1	B	38
22	2306284022	ASISH KUMAR SAHOO	3	2	2	2	2	2	4	1	2	2	1	1	2	2	1	3	1	2	3	1	1	C	40
23	2306284023	ASTHARANI NAYAK	2	1	1	3	2	2	5	1	2	2	1	1	2	2	1	3	1	2	3	1	1	B	39
24	2306284024	ASUTOSH ACHARYA	2	1	1	3	2	2	4	1	2	2	1	1	2	2	1	3	1	2	3	1	1	D	38
25	2306284025	ASUTOSH PRADHAN	2	2	1	3	2	2	5	1	2	2	1	1	2	2	1	3	1	2	3	1	1	B	40
26	2306284026	AYUSH ROUT	2	1	1	3	2	2	4	1	2	2	1	1	2	2	1	3	1	2	3	1	1	B	38
27	2306284027	BARSA PAITAL	2	1	1	3	2	2	5	1	2	2	1	1	2	2	1	3	1	2	3	1	1	B	39
28	2306284028	BHABATOSH MISHRA	2	1	1	3	2	2	5	1	2	2	1	1	2	2	1	3	1	2	3	1	1	A	39
29	2306284029	BHAKTAHARI KHATUA	2	2	2	3	2	2	8	1	2	2	1	2	2	2	1	4	1	2	4	1	1	A	47
30	2306284030	BIBHUTI RANJAN PRUSTY	3	2	2	3	2	2	6	1	2	2	1	2	2	2	1	3	1	2	3	1	1	B	44
31	2306284031	BIGHNESWAR ROUT	2	1	1	3	2	2	4	1	2	2	1	2	2	2	1	3	1	2	3	1	1	C	39

32	2306284032	BIKASH ROUT	2	1	1	3	2	2	7	1	2	2	1	2	2	2	1	3	1	2	3	1	1	S	42
33	2306284033	BIKRAM BISOI	2	1	1	3	2	2	4	1	2	2	1	2	2	2	1	3	1	2	3	1	1	A	39
34	2306284034	BISWAJIT DAS	3	2	1	3	2	2	5	1	2	2	1	2	2	2	1	3	1	2	3	1	1	A	42
35	2306284035	BISWAJIT DASH	3	2	1	3	2	2	5	1	2	2	1	1	2	2	1	3	1	2	3	1	1	A	41
36	2306284036	BISWARANJAN KAR	2	2	1	3	2	2	7	1	2	2	1	2	2	2	1	3	1	2	3	1	1	C	43
37	2306284037	BISWOJIT RANA	2	2	1	3	2	2	6	1	2	2	1	2	2	2	1	3	1	2	3	1	1	A	42
38	2306284038	BULU PRADHAN	3	2	1	3	2	2	5	1	2	2	1	1	2	2	1	3	1	2	3	1	1	A	41
39	2306284039	CHANDAN SAHU	3	2	1	3	2	2	5	1	2	2	1	1	2	2	1	3	1	2	3	1	1	C	41
40	2306284040	CHINMAYA DAS	3	2	1	3	2	2	5	1	2	2	1	1	2	2	1	3	1	2	3	1	1	B	41
41	2306284041	DAKSHYA NAG	2	2	2	3	2	2	5	1	2	2	1	2	2	2	1	3	1	2	3	1	1	B	42
42	2306284042	DEBASISH DAS	2	2	2	3	2	2	5	1	2	2	1	2	2	2	1	3	1	2	3	1	1	B	42
43	2306284043	DEBASISH PANDA	3	2	1	3	2	2	5	1	2	2	1	1	2	2	1	3	1	2	3	1	1	A	41
44	2306284044	DEEPAK MOHANTY	2	1	1	3	2	2	4	1	2	2	1	1	2	2	1	3	1	2	3	1	1	S	38
45	2306284045	DHANANJAYA SAHOO	2	2	2	3	2	2	5	1	2	2	1	2	2	2	1	3	1	2	3	1	1	B	42
46	2306284046	DIBYABHARATI NAYAK	3	2	2	3	2	2	6	1	2	2	1	2	2	2	1	3	1	2	3	1	1	A	44
47	2306284047	DIPAK KUMAR SAHU	2	1	1	3	2	2	4	1	2	2	1	2	2	2	1	3	1	2	3	1	1	C	39
48	2306284048	DIPTIMAYEE NATH	3	2	1	3	2	2	5	1	2	2	1	1	2	2	1	3	1	2	3	1	1	B	41
49	2306284049	ETISHREE PATRI	3	1	1	3	2	2	6	1	2	2	1	2	2	2	1	3	1	2	3	1	1	B	42
50	2306284050	GOPINATH NAIK	2	1	1	3	2	2	4	1	2	2	1	1	2	2	1	3	1	2	3	1	1	B	38

51	2306284051	GYANARANJAN KHATUA	2	1	1	3	2	2	5	1	2	2	1	2	2	2	1	3	1	2	3	1	1	A	40
52	2306284052	HIMALI PATTANAİK	2	1	1	3	2	2	4	1	2	2	1	1	2	2	1	3	1	2	3	1	1	B	38
53	2306284053	HIMANSHU SAHOO	2	2	1	3	2	2	6	1	2	2	1	2	2	2	1	3	1	2	3	1	1	C	42
54	2306284054	İLMA FİRDOSH	2	1	1	3	2	2	5	1	2	2	1	2	2	2	1	3	1	2	3	1	1	B	40
55	2306284055	JAGANNATH NAYAK	2	1	1	3	2	2	4	1	2	2	1	2	2	2	1	3	1	2	3	1	1	B	39
56	2306284056	JAMBESWARA DAS	2	2	2	2	2	2	5	1	2	2	1	2	2	2	1	3	1	1	3	1	1	B	40
57	2306284057	JİBAN KUMAR DAS	2	1	1	2	2	2	4	1	2	2	1	2	2	2	1	3	1	2	3	1	1	B	38
58	2306284058	JİNGYANSHU RANJAN RAUTARAY	2	1	1	2	2	2	4	1	2	2	1	2	2	2	1	3	1	2	3	1	1	D	38
59	2306284059	JYOTİKANTA DAS	2	2	2	2	2	2	4	1	2	2	1	2	2	2	1	3	1	2	3	1	1	C	40
60	2306284060	JYOTİRANJAN MİSHRA	2	2	2	3	2	2	5	1	2	2	1	2	2	2	1	3	1	2	3	1	1	A	42
61	2306284061	KAILASH CHANDRA BİSOI	3	2	2	3	2	2	7	1	2	3	1	2	2	2	1	4	1	2	4	1	1	A	48
62	2306284062	KALYANI BHUYAN	2	2	2	3	2	2	5	1	2	2	1	2	2	2	1	3	1	2	3	1	1	B	42
63	2306284063	KAMALA KANTA SAHOO	2	1	1	2	2	2	5	1	2	2	1	2	2	2	1	3	1	1	3	1	1	B	38
64	2306284064	KAMALAKANTA SAHOO	2	2	2	3	2	2	5	1	2	2	1	2	2	2	1	3	1	2	3	1	1	C	42
65	2306284065	LAGAN PATRA	3	2	1	3	2	2	5	1	2	2	1	1	2	2	1	3	1	2	3	1	1	B	41
66	2306284066	LAXMİDHAR MALİK	3	2	1	2	2	2	5	1	2	2	1	2	2	2	1	3	1	1	3	1	1	C	40
67	2306284067	LİNGARAJ TRİPATHY	3	2	1	3	2	2	5	1	2	2	1	1	2	2	1	3	1	2	3	1	1	A	41
68	2306284068	LİPSARANI SAHOO	3	2	2	3	2	2	7	1	2	3	1	2	2	2	1	4	1	2	3	1	1	B	47
69	2306284069	LOPARANI SETHI	2	1	1	2	2	2	5	1	2	2	1	2	2	2	1	3	1	1	3	1	1	B	38

70	2306284070	LUCKY MOHANTY	3	2	1	3	2	2	5	1	2	2	1	1	2	2	1	3	1	2	3	1	1	B	41
71	2306284071	MAHAMAYA PATTANAİK	2	1	1	2	2	2	5	1	2	2	1	2	2	2	1	3	1	1	3	1	1	B	38
72	2306284072	MAHESH KUMAR BEHERA	2	2	2	3	2	2	5	1	2	2	1	2	2	2	1	3	1	2	3	1	1	C	42
73	2306284073	MAHESWAR SETHY	3	2	1	2	2	2	5	1	2	2	1	2	2	2	1	3	1	1	3	1	1	B	40
74	2306284074	MANARANJAN TANDI	2	1	1	3	2	2	4	1	2	2	1	2	2	2	1	3	1	2	3	1	1	C	39
75	2306284075	MANOHAR CHHATRI	2	1	1	2	2	2	5	1	2	2	1	2	2	2	1	3	1	1	3	1	1	C	38
76	2306284076	MILLAN KUMAR PRADHAN	2	1	1	3	2	2	4	1	2	2	1	2	2	2	1	3	1	2	3	1	1	B	39
77	2306284077	MONALISA RAY	2	1	1	3	2	2	4	1	2	2	1	2	2	2	1	3	1	2	3	1	1	B	39
78	2306284078	MOUSUMI ROUL	3	2	1	2	2	2	5	1	2	2	1	2	2	2	1	3	1	1	3	1	1	A	40
79	2306284079	NILAKANTHA KUTRUKA	2	1	1	2	2	2	5	1	2	2	1	2	2	2	1	3	1	1	3	1	1	B	38
80	2306284080	NIMAI CHARAN PANIGRAHI	3	2	2	3	2	2	6	1	2	2	1	2	2	2	1	3	1	2	3	1	1	A	44
81	2306284081	NIROJA PRIYADARSINI RATH	3	2	1	3	2	2	5	1	2	2	1	1	2	2	1	3	1	2	3	1	1	B	41
82	2306284082	NISHIKANTA SAHOO	2	1	1	2	2	2	4	1	2	2	1	2	2	2	1	3	1	2	3	1	1	B	38
83	2306284083	PALLABI GHADAI	2	1	1	2	2	2	4	1	2	2	1	2	2	2	1	3	1	2	3	1	1	A	38
84	2306284084	PIKUN PRUSTY	2	1	1	2	2	2	5	1	2	2	1	2	2	2	1	3	1	2	3	1	1	B	39
85	2306284085	POOJA PRIYADARSHINI	2	1	1	2	2	2	4	1	2	2	1	2	2	2	1	3	1	2	3	1	1	C	38
86	2306284086	PRABHANJAN MOHANTY	3	2	1	2	2	2	5	1	2	2	1	2	2	2	1	3	1	1	3	1	1	B	40
87	2306284087	PRANAY KUMAR BISWAL	2	2	2	3	2	2	5	1	2	2	1	2	2	2	1	3	1	2	3	1	1	B	42
88	2306284088	PRASAD GOCHHAYAT	2	2	2	3	2	2	6	1	2	3	1	2	2	2	1	3	1	1	3	1	1	F(Ex)	43

89	2306284089	PRASANNA KUMAR MAHALIK	2	1	1	3	2	2	5	1	2	2	1	2	2	2	1	3	1	2	3	1	1	C	40
90	2306284090	PRASANT KUMAR MALIK	3	2	1	3	2	2	5	1	2	2	1	1	2	2	1	3	1	2	3	1	1	A	41
91	2306284091	PRATEEK KUMAR KHATUA	2	1	1	2	2	2	4	1	2	2	1	2	2	2	1	3	1	2	3	1	1	F(Ex)	38
92	2306284092	PRATIJNA SAMANTARAY	2	1	1	2	2	2	4	1	2	2	1	2	2	2	1	3	1	2	3	1	1	C	38
93	2306284093	PRATYEKJIT BHUYAN	2	1	1	2	2	2	4	1	2	2	1	2	2	2	1	3	1	2	3	1	1	B	38
94	2306284094	PRIYADARSHAN PRUSTI	2	2	2	3	2	2	5	1	2	2	1	2	2	2	1	3	1	2	3	1	1	B	42
95	2306284095	PRIYADARSINI MISHRA	2	1	1	3	2	2	5	1	2	2	1	2	2	2	1	3	1	2	3	1	1	B	40
96	2306284096	PRIYANSHU PRIYADARSINI PATRA	2	1	1	3	2	2	5	1	2	2	1	2	2	2	1	3	1	2	3	1	1	C	40
97	2306284097	PULAK MISHRA	3	2	1	3	2	2	5	1	2	2	1	1	2	2	1	3	1	2	3	1	1	B	41
98	2306284098	PURNENDU PATRA	2	2	2	3	2	2	6	1	2	3	1	1	2	2	1	3	1	2	3	1	1	B	43
99	2306284099	PUSPA LATA SAHOO	3	2	2	3	2	2	7	1	2	3	1	2	2	2	1	4	1	1	3	1	1	B	46
100	2306284100	RAHUL ABHISEK SETHI	3	2	1	3	2	2	5	1	2	2	1	1	2	2	1	3	1	2	3	1	1	B	41
101	2306284101	RAHUL MOHAPATRA	2	2	2	3	2	2	6	1	2	3	1	1	2	2	1	3	1	1	3	1	1	B	42
102	2306284102	RAJESH KHUNTIA	2	2	2	3	2	2	6	1	2	3	1	1	2	2	1	3	1	1	3	1	1	A	42
103	2306284103	RAJESH KUMAR BARIK	3	2	2	2	2	2	5	1	2	3	1	1	2	1	1	3	1	1	3	1	1	S	40
104	2306284104	RAJESH KUMAR BEHERA	2	2	2	3	2	2	6	1	2	3	1	2	2	1	1	3	1	1	3	1	1	C	42
105	2306284105	RAJLAXMI NAYAK	2	2	2	2	2	2	6	1	2	3	1	1	2	1	1	3	1	1	3	1	1	B	40
106	2306284106	RAJMILAN MINZ	2	1	1	2	2	2	4	1	2	2	1	2	2	2	1	3	1	2	3	1	1	C	38
107	2306284107	RAJU ORAM	3	2	1	3	2	2	5	1	2	2	1	1	2	2	1	3	1	2	3	1	1	C	41

108	2306284108	RAKESH BHUYAN	2	1	1	2	2	2	4	1	2	2	1	2	2	2	1	3	1	2	3	1	1	A	38
109	2306284109	RANJAN KUMAR SAHU	3	2	1	3	2	2	5	1	2	2	1	1	2	2	1	3	1	2	3	1	1	C	41
110	2306284110	RASHMI RANJAN JENA	2	1	1	2	2	2	5	1	2	2	1	2	2	2	1	3	1	2	3	1	1	C	39
111	2306284111	RASHMI RANJAN PARIDA	2	1	1	2	2	2	5	1	2	2	1	2	2	2	1	3	1	2	3	1	1	B	39
112	2306284112	RASHMIRANJAN NAYAK	3	2	2	2	2	2	8	1	2	2	1	2	2	2	1	3	1	2	3	1	1	A	45
113	2306284113	RASHMITA BARIK	2	2	1	2	2	2	6	1	2	2	1	2	2	2	1	3	1	1	3	1	1	B	40
114	2306284114	RINMAYEE PRADHAN	2	2	2	3	2	2	7	1	2	3	1	2	2	2	1	4	1	1	4	1	1	A	46
115	2306284115	RITUN PADHI	2	2	2	3	2	2	7	1	2	3	1	2	2	2	1	4	1	1	4	1	1	B	46
116	2306284116	ROHIT KUMAR PANDA	3	2	2	3	2	2	6	1	2	2	1	1	2	2	1	3	1	2	3	1	1	A	43
117	2306284117	ROSHNI DASH	2	2	2	2	2	2	6	1	2	2	1	2	2	2	1	3	1	2	3	1	1	A	42
118	2306284118	RUDRANARAYAN BISWAL	3	2	1	3	2	2	5	1	2	2	1	1	2	2	1	3	1	2	3	1	1	B	41
119	2306284119	RUDRANARAYAN PANDA	2	2	1	3	2	2	5	1	2	2	1	1	2	2	1	3	1	2	3	1	1	B	40
120	2306284120	RUPALI MADHUMITA PANDA	3	2	2	3	2	2	8	1	2	2	1	2	2	2	1	3	1	2	4	1	1	A	47
121	2306284121	RUPALI PRADHAN	3	2	2	3	2	2	7	1	2	3	1	2	2	2	1	3	1	1	4	1	1	B	46
122	2306284122	SACHIKANTA KHADANGA	3	2	2	3	2	2	5	1	2	3	1	1	2	2	1	3	1	2	3	1	1	B	43
123	2306284123	SALONI LENKA	2	2	2	2	2	2	5	1	2	3	1	1	2	2	1	3	1	1	3	1	1	B	40
124	2306284124	SAMUEL KERKETTA	2	2	1	2	2	2	5	1	2	2	1	1	2	2	1	3	1	2	3	1	1	S	39
125	2306284125	SANAT PATNAIK	2	1	1	2	2	2	4	1	2	2	1	2	2	2	1	3	1	2	3	1	1	B	38
126	2306284126	SANGITA PRIYADARSINI	3	2	2	3	2	2	7	1	2	3	1	2	2	2	1	3	1	1	4	1	1	A	46

127	2306284127	SANKARSAN MOHANTY	3	2	2	3	2	2	5	1	2	2	1	1	2	2	1	3	1	1	3	1	1	B	41
128	2306284128	SANTANU KUMAR MALICK	2	1	1	2	2	2	4	1	2	2	1	2	2	2	1	3	1	2	3	1	1	B	38
129	2306284129	SANTOSH KUMAR DALEI	2	2	1	2	2	2	5	1	2	2	1	1	2	2	1	3	1	2	3	1	1	D	39
130	2306284130	SANTOSH KUMAR DASH	2	2	2	3	2	2	7	1	2	2	1	1	2	2	1	3	1	1	3	1	1	B	42
131	2306284131	SAPIK AHAMMAD KHAN	2	1	1	2	2	2	5	1	2	2	1	2	2	2	1	3	1	2	3	1	1	C	39
132	2306284132	SARASWATI BEHERA	2	2	2	3	2	2	7	1	2	2	1	1	2	2	1	3	1	1	3	1	1	B	42
133	2306284133	SASHIKANTA BEHERA	2	2	2	3	2	2	7	1	2	2	1	1	2	2	1	3	1	1	3	1	1	A	42
134	2306284134	SATRUJIT SAHOO	2	2	2	3	2	2	7	1	2	2	1	1	2	2	1	3	1	1	3	1	1	C	42
135	2306284135	SATYA PRAKASH SETHY	3	2	2	2	2	2	5	1	2	2	1	1	2	2	1	3	1	1	3	1	1	B	40
136	2306284136	SATYA RANJAN MUDULI	3	2	2	3	2	2	5	1	2	2	1	1	2	2	1	3	1	1	3	1	1	A	41
137	2306284137	SATYA SUNDAR DAS	3	2	2	3	2	2	5	1	2	2	1	1	2	2	1	3	1	1	3	1	1	A	41
138	2306284138	SATYAJIT DAS	3	2	2	2	2	2	4	1	2	3	1	1	2	2	1	3	1	1	3	1	1	B	40
139	2306284139	SATYAJIT MOHAKUD	2	2	2	3	2	2	6	1	2	2	1	2	2	2	1	4	1	2	3	1	1	A	44
140	2306284140	SATYANARAYAN MOHANTY	3	2	1	3	2	2	5	1	2	2	1	1	2	2	1	3	1	2	3	1	1	B	41
141	2306284141	SAUMYA RANJAN NAYAK	3	2	2	3	2	2	8	1	2	3	1	2	2	2	1	4	1	2	3	1	1	A	48
142	2306284142	SAURAV KUMAR JENA	2	2	2	3	2	2	7	1	2	3	1	2	2	2	1	3	1	2	3	1	1	A	40
143	2306284143	SHAKTI SAGAR PANDA	3	2	1	3	2	2	5	1	2	2	1	1	2	2	1	3	1	2	3	1	1	A	41
144	2306284144	SHUBHRANSHU KUMAR KHILAR	3	2	2	3	2	2	7	1	2	3	1	2	2	2	1	3	1	2	3	1	1	A	45
145	2306284145	SIMRAN SINGH	3	2	2	3	2	2	6	1	2	2	1	2	2	2	1	3	1	2	3	1	1	A	40

146	2306284146	SITANSU SEKHAR PRADHAN	2	1	1	2	2	2	4	1	2	2	1	2	2	2	1	3	1	2	3	1	1	B	38
147	2306284147	SK NIYAZUDDIN	3	2	2	3	2	2	5	1	2	2	1	2	2	2	1	3	1	1	3	1	1	A	42
148	2306284148	SMARIKA NAYAK	2	1	1	2	2	2	4	1	2	2	1	2	2	2	1	3	1	2	3	1	1	B	38
149	2306284149	SMRUTI RANJAN RATH	2	2	2	3	2	2	7	1	2	3	1	2	2	2	1	3	1	1	3	1	1	A	44
150	2306284150	SMRUTI RANJAN ROUT	3	2	1	2	2	2	5	1	2	2	1	2	2	2	1	3	1	1	3	1	1	B	40
151	2306284151	SNEHA VISHWAS PARANJAPE	3	2	1	2	2	2	6	1	2	2	1	2	2	2	1	3	1	2	3	1	1	B	42
152	2306284152	SNEHASIS NAYAK	2	2	2	3	2	2	6	1	2	2	1	2	2	2	1	3	1	1	3	1	1	A	42
153	2306284153	SNIGDHA DHADA	3	2	1	3	2	2	5	1	2	2	1	1	2	2	1	3	1	2	3	1	1	A	41
154	2306284154	SONALI KUMARI SINGH	3	2	2	2	2	2	4	1	2	2	1	2	2	2	1	3	1	1	3	1	1	A	40
155	2306284155	SOUBHAGYA KUMAR BEHERA	3	2	2	2	2	2	6	1	2	2	1	2	2	2	1	3	1	1	3	1	1	A	42
156	2306284156	SOUBHAGYA SAHOO	2	1	1	2	2	2	4	1	2	2	1	2	2	2	1	3	1	2	3	1	1	C	38
157	2306284157	SOUBHAGYARANJAN BEHERA	2	1	1	2	2	2	4	1	2	2	1	2	2	2	1	3	1	2	3	1	1	C	38
158	2306284158	SOUMYA RANJAN BEHERA	3	2	2	2	2	2	4	1	2	2	1	2	2	2	1	3	1	1	3	1	1	A	40
159	2306284159	SOUMYA RANJAN DASH	2	1	1	2	2	2	5	1	2	2	1	2	2	2	1	3	1	2	3	1	1	C	39
160	2306284160	SOUMYA RANJAN PRUSTY	2	1	1	2	2	2	4	1	2	2	1	2	2	2	1	3	1	2	3	1	1	B	38
161	2306284161	SOUMYA RANJAN SAHOO	3	2	1	3	2	2	5	1	2	2	1	1	2	2	1	3	1	2	3	1	1	B	41
162	2306284162	SOUMYARANJAN BARIK	3	2	2	3	2	2	5	1	2	2	1	1	2	2	1	3	1	1	4	1	1	A	42
163	2306284163	SOUMYARANJAN PRADHAN	3	2	2	3	2	2	6	1	2	2	1	2	2	2	1	3	1	2	3	1	1	E	44
164	2306284164	SOURAV KUMAR PRADHAN	2	1	1	2	2	2	4	1	2	2	1	2	2	2	1	3	1	2	3	1	1	B	38

165	2306284165	SRINIBAS MOHANTY	3	2	2	3	2	2	5	1	2	2	1	1	2	2	1	3	1	1	3	1	1	B	41
166	2306284166	SUBASHIS PANDA	3	2	2	3	2	2	5	1	2	3	1	2	2	2	1	3	1	2	4	1	1	B	45
167	2306284167	SUBHADRA PANDA	3	2	2	3	2	2	5	1	2	2	1	1	2	2	1	3	1	1	3	1	1	S	41
168	2306284168	SUBHASMEETA PRADHAN	3	2	2	3	2	2	6	1	2	2	1	2	2	2	1	3	1	2	3	1	1	E	44
169	2306284169	SUBHENDU BISWAL	2	1	1	2	2	2	4	1	2	2	1	2	2	2	1	3	1	2	3	1	1	A	38
170	2306284170	SUBHODEEP GHOSH	3	2	2	3	2	2	6	1	2	2	1	1	2	2	1	3	1	1	3	1	1	A	42
171	2306284171	SUBRAT KUMAR SAHOO	3	2	2	3	2	2	5	1	2	2	1	1	2	2	1	3	1	1	3	1	1	A	41
172	2306284172	SUDARSAN SINGH	2	2	2	3	2	2	6	1	2	3	1	1	2	2	1	3	1	2	3	1	1	B	43
173	2306284173	SUJEET KUMAR BEHERA	3	2	1	3	2	2	5	1	2	2	1	1	2	2	1	3	1	2	3	1	1	B	41
174	2306284174	SUMAN MUNDA	2	1	1	2	2	2	5	1	2	2	1	2	2	2	1	3	1	2	3	1	1	S	39
175	2306284175	SUNIL BEHERA	3	2	2	3	2	2	7	1	2	3	1	2	2	2	1	3	1	1	3	1	1	B	45
176	2306284176	SURYAKANTA LENKA	2	2	2	2	2	2	5	1	2	2	1	2	2	2	1	3	1	1	3	1	1	A	40
177	2306284177	SUSHREE SANGITA NAIK	2	1	1	2	2	2	4	1	2	2	1	2	2	2	1	3	1	2	3	1	1	B	38
178	2306284178	SUVAM DAS	3	2	1	3	2	2	5	1	2	2	1	1	2	2	1	3	1	2	3	1	1	A	41
179	2306284179	SUVARANJAN JENA	2	1	1	2	2	2	4	1	2	2	1	2	2	2	1	3	1	1	3	1	1	A	37
180	2306284180	SWADHIN KUMAR NAYAK	3	2	2	3	2	2	7	1	2	2	1	2	2	2	1	3	1	2	3	1	1	A	45
181	2306284181	SWAGATIKA BEHERA	3	2	1	3	2	2	5	1	2	2	1	1	2	2	1	3	1	2	3	1	1	A	41
182	2306284182	SWARAJ KUMAR BEJ	3	2	2	3	2	2	8	1	2	2	1	2	2	2	1	4	1	2	3	1	1	B	47
183	2306284183	SWARAJ SAMAL	2	1	1	2	2	2	4	1	2	2	1	2	2	2	1	3	1	2	3	1	1	B	38

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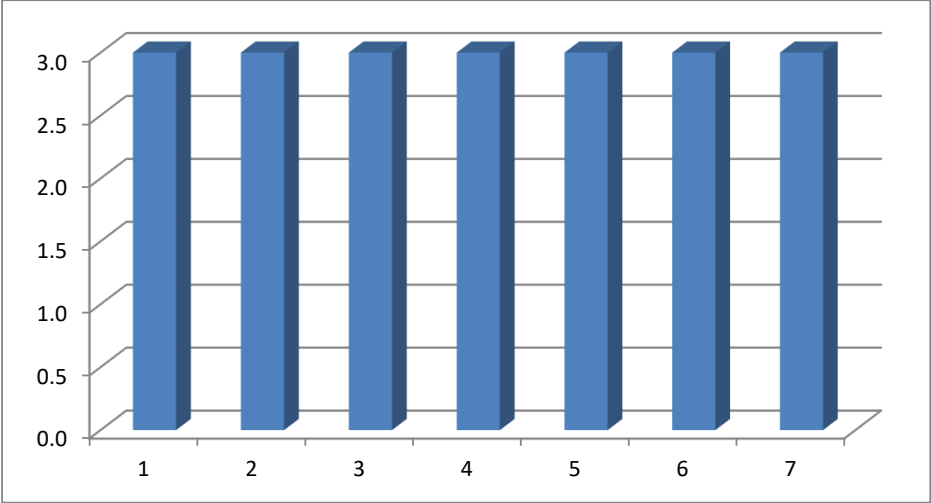
			Course Completion Feedback						
			Likert scale: 1(very low).....5(very high)						
Sl. No.	Regd. No.	Name of the Student	CO1	CO2	CO3	CO4	CO5	CO6	CO7
1	2306284001	ABHIJIT PANDA	2	5	5	5	2	4	4
2	2306284002	ABHISEK TRIPATHY	2	5	5	5	4	4	4
3	2306284003	ABHISEKH PRADHAN	2	5	5	5	4	4	4
4	2306284004	ABHISHEK SAMAL	2	5	5	5	4	4	4
5	2306284005	ABINASH NAYAK	2	5	5	5	4	4	4
6	2306284006	ABINASH RATH	2	5	5	5	4	4	4
7	2306284007	ADITYA NARAYAN MISHRA	2	5	5	5	5	4	4
8	2306284008	ADITYA PRATIHARI	5	5	5	5	5	4	4
9	2306284009	AISHARYA RAY	5	5	5	5	5	4	4
10	2306284010	AKASH MALLIK	5	5	5	5	5	1	1
11	2306284011	AMAN KU SAMAL	5	5	5	5	2	1	1
12	2306284012	AMAR KUMAR SETHI	5	5	5	5	2	1	1
13	2306284013	AMIT KUMAR MISHRA	2	5	5	4	2	2	2
14	2306284014	AMIT KUMAR SETHI	2	5	5	4	2	4	4
15	2306284015	AMIYA BARIK	2	5	4	4	4	4	4
16	2306284016	AMIYA PRASAD SAHU	2	5	4	4	2	4	4
17	2306284017	ANANTA GOPAL BEHERA	4	5	4	4	4	4	4
18	2306284018	ANKUSH PRAMANIK	4	5	4	4	4	4	4
19	2306284019	ARPITA NAYAK	4	5	4	4	4	5	5
20	2306284020	ASHISHA KUMAR	4	5	4	4	4	5	5
21	2306284021	ASHOK BADAIK	2	5	4	4	4	5	5
22	2306284022	ASISH KUMAR SAHOO	2	4	4	4	4	5	5
23	2306284023	ASTHARANI NAYAK	2	4	4	4	5	5	5
24	2306284024	ASUTOSH ACHARYA	2	2	1	3	5	5	5
25	2306284025	ASUTOSH PRADHAN	5	2	4	3	5	5	5
26	2306284026	AYUSH ROUT	5	2	4	5	5	5	5
27	2306284027	BARSA PAITAL	2	2	4	5	5	5	5
28	2306284028	BHABATOSH MISHRA	2	2	4	5	5	2	2
29	2306284029	BHAKTAHARI KHATUA	2	2	4	3	5	5	5
30	2306284030	BIBHUTI RANJAN PRUSTY	5	2	4	3	5	4	4
31	2306284031	BIGHNESWAR ROUT	5	2	1	3	5	5	5
32	2306284032	BIKASH ROUT	5	2	5	3	4	5	5
33	2306284033	BIKRAM BISOI	5	2	5	3	4	5	5
34	2306284034	BISWAJIT DAS	5	2	5	3	4	2	2
35	2306284035	BISWAJIT DASH	4	5	4	4	2	3	3
36	2306284036	BISWARANJAN KAR	3	5	4	4	2	3	3
37	2306284037	BISWOJIT RANA	3	5	4	4	5	5	5
38	2306284038	BULU PRADHAN	3	5	4	4	5	5	5
39	2306284039	CHANDAN SAHU	3	5	4	4	5	3	3
40	2306284040	CHINMAYA DAS	3	3	5	4	4	4	4
41	2306284041	DAKSHYA NAG	3	3	5	4	5	5	5
42	2306284042	DEBASISH DAS	3	5	2	4	4	5	5
43	2306284043	DEBASISH PANDA	3	5	2	4	4	5	5
44	2306284044	DEEPAK MOHANTY	3	5	5	2	5	5	5
45	2306284045	DHANANJAYA SAHOO	3	5	5	4	4	5	5
46	2306284046	DIBYABHARATI NAYAK	3	5	5	4	4	5	5
47	2306284047	DIPAK KUMAR SAHU	3	5	5	4	4	5	5
48	2306284048	DIPTIMAYEE NATH	3	5	5	4	5	5	5
49	2306284049	ETISHREE PATRI	3	5	5	2	5	4	4
50	2306284050	GOPINATH NAIK	5	5	5	5	5	5	5
51	2306284051	GYANARANJAN KHATUA	4	5	5	3	2	4	4
52	2306284052	HIMALI PATTANAIK	3	4	5	5	4	3	3
53	2306284053	HIMANSHU SAHOO	5	3	5	4	3	4	4
54	2306284054	ILMA FIRDOSH	5	1	5	2	5	2	2
55	2306284055	JAGANNATH NAYAK	4	1	5	5	2	5	5
56	2306284056	JAMBESWARA DAS	3	1	5	3	4	4	4
57	2306284057	JIBAN KUMAR DAS	5	1	5	5	3	3	3
58	2306284058	JINGYANSHU RANJAN	5	1	5	4	5	4	4
59	2306284059	JYOTIKANTA DAS	4	1	5	2	2	2	2
60	2306284060	JYOTIRANJAN MISHRA	3	1	4	5	4	5	5
61	2306284061	KAILASH CHANDRA BISOI	5	1	5	3	3	3	3
62	2306284062	KALYANI BHUYAN	5	1	5	5	5	5	5
63	2306284063	KAMALA KANTA SAHOO	4	5	4	4	2	2	2
64	2306284064	KAMALAKANTA SAHOO	3	5	5	2	4	4	4

65	2306284065	LAGAN PATRA	5	5	2	5	3	3	3
66	2306284066	LAXMIDHAR MALIK	5	5	4	3	5	5	5
67	2306284067	LINGARAJ TRIPATHY	4	5	3	5	2	2	2
68	2306284068	LIPSARANI SAHOO	3	5	4	4	2	4	4
69	2306284069	LOPARANI SETHI	5	5	4	2	2	3	3
70	2306284070	LUCKY MOHANTY	5	5	5	5	2	5	5
71	2306284071	MAHAMAYA PATTANAIK	4	5	3	3	2	2	2
72	2306284072	MAHESH KUMAR BEHERA	3	5	2	5	2	4	4
73	2306284073	MAHESWAR SETHY	5	5	4	4	2	3	3
74	2306284074	MANARANJAN TANDI	5	5	5	2	2	5	5
75	2306284075	MANOHAR CHHATRI	4	4	3	5	2	2	2
76	2306284076	MILLAN KUMAR PRADHAN	3	3	2	3	2	4	4
77	2306284077	MONALISA RAY	5	2	1	5	2	3	3
78	2306284078	MOUSUMI ROUL	5	3	4	4	2	5	5
79	2306284079	NILAKANTHA KUTRUKA	4	5	5	2	2	2	2
80	2306284080	NIMAI CHARAN PANIGRAHI	3	4	3	5	4	4	4
81	2306284081	NIROJA PRIYADARSINI RATH	5	3	2	3	3	3	3
82	2306284082	NISHIKANTA SAHOO	5	2	5	5	5	5	5
83	2306284083	PALLABI GHADAI	4	3	4	4	2	2	2
84	2306284084	PIKUN PRUSTY	3	5	2	2	4	4	4
85	2306284085	POOJA PRIYADARSHINI	5	4	3	5	3	3	3
86	2306284086	PRABHANJAN MOHANTY	5	3	5	3	5	5	5
87	2306284087	PRANAY KUMAR BISWAL	2	2	4	5	2	2	2
88	2306284088	PRASAD GOCHHAYAT	2	3	2	4	4	4	4
89	2306284089	PRASANNA KUMAR	2	5	3	2	3	3	3
90	2306284090	PRASANT KUMAR MALIK	2	4	5	5	5	5	5
91	2306284091	PRATEEK KUMAR KHATUA	2	3	4	3	2	2	2
92	2306284092	PRATIJNA SAMANTARAY	2	2	5	5	4	4	4
93	2306284093	PRATYEKJIT BHUYAN	2	3	4	4	3	3	3
94	2306284094	PRIYADARSHAN PRUSTI	2	5	4	2	5	5	5
95	2306284095	PRIYADARSINI MISHRA	2	4	4	5	2	2	2
96	2306284096	PRIYANSHU PRIYADARSINI	2	3	4	3	4	4	4
97	2306284097	PULAK MISHRA	5	2	4	5	3	3	3
98	2306284098	PURNENDU PATRA	5	3	4	4	5	5	5
99	2306284099	PUSPA LATA SAHOO	4	5	4	2	2	2	2
100	2306284100	RAHUL ABHISEK SETHI	3	4	5	5	2	4	4
101	2306284101	RAHUL MOHAPATRA	5	3	5	3	5	3	3
102	2306284102	RAJESH KHUNTIA	5	2	3	5	5	5	5
103	2306284103	RAJESH KUMAR BARIK	4	3	5	4	5	2	2
104	2306284104	RAJESH KUMAR BEHERA	3	5	4	2	5	4	4
105	2306284105	RAJLAXMI NAYAK	5	4	3	5	5	3	3
106	2306284106	RAJMILAN MINZ	5	3	5	3	5	5	5
107	2306284107	RAJU ORAM	4	2	4	5	5	2	2
108	2306284108	RAKESH BHUYAN	3	3	3	4	5	4	4
109	2306284109	RANJAN KUMAR SAHU	5	5	5	2	5	3	3
110	2306284110	RASHMI RANJAN JENA	5	4	4	5	5	5	5
111	2306284111	RASHMI RANJAN PARIDA	4	3	3	3	5	2	2
112	2306284112	RASHMIRANJAN NAYAK	3	2	5	5	5	4	4
113	2306284113	RASHMITA BARIK	5	3	4	5	5	3	3
114	2306284114	RINMAYEE PRADHAN	5	5	3	5	5	5	5
115	2306284115	RITUN PADHI	4	4	5	5	5	2	2
116	2306284116	ROHIT KUMAR PANDA	3	3	5	5	5	4	4
117	2306284117	ROSHNI DASH	5	2	3	5	5	3	3
118	2306284118	RUDRANARAYAN BISWAL	5	3	2	5	5	5	5
119	2306284119	RUDRANARAYAN PANDA	4	5	4	5	5	2	2
120	2306284120	RUPALI MADHUMITA	3	4	5	5	5	4	4
121	2306284121	RUPALI PRADHAN	2	5	5	5	2	4	4
122	2306284122	SACHIKANTA KHADANGA	2	5	5	5	4	4	4
123	2306284123	SALONI LENKA	2	5	5	5	4	4	4
124	2306284124	SAMUEL KERKETTA	2	5	5	5	4	4	4
125	2306284125	SANAT PATNAIK	2	5	5	5	4	4	4
126	2306284126	SANGITA PRIYADARSINI	2	5	5	5	4	4	4
127	2306284127	SANKARSAN MOHANTY	2	5	5	5	5	4	4
128	2306284128	SANTANU KUMAR MALICK	5	5	5	5	5	4	4
129	2306284129	SANTOSH KUMAR DALEI	5	5	5	5	5	4	4
130	2306284130	SANTOSH KUMAR DASH	5	5	5	5	5	1	1
131	2306284131	SAPIK AHAMMAD KHAN	5	5	5	5	2	1	1
132	2306284132	SARASWATI BEHERA	5	5	5	5	2	1	1

133	2306284133	SASHIKANTA BEHERA	2	5	5	4	2	2	2
134	2306284134	SATRUJIT SAHOO	2	5	5	4	2	4	4
135	2306284135	SATYA PRAKASH SETHY	2	5	4	4	4	4	4
136	2306284136	SATYA RANJAN MUDULI	2	5	4	4	2	4	4
137	2306284137	SATYA SUNDAR DAS	4	5	4	4	4	4	4
138	2306284138	SATYAJIT DAS	4	5	4	4	4	4	4
139	2306284139	SATYAJIT MOHAKUD	4	5	4	4	4	5	5
140	2306284140	SATYANARAYAN MOHANTY	4	5	4	4	4	5	5
141	2306284141	SAUMYA RANJAN NAYAK	2	5	4	4	4	5	5
142	2306284142	SAURAV KUMAR JENA	2	4	4	4	4	5	5
143	2306284143	SHAKTI SAGAR PANDA	2	4	4	4	5	5	5
144	2306284144	SHUBHRANSHU KUMAR	2	2	1	3	5	5	5
145	2306284145	SIMRAN SINGH	5	2	4	3	5	5	5
146	2306284146	SITANSU SEKHAR PRADHAN	5	2	4	5	5	5	5
147	2306284147	SK NIYAZUDDIN	2	2	4	5	5	5	5
148	2306284148	SMARIKA NAYAK	2	2	4	5	5	2	2
149	2306284149	SMRUTI RANJAN RATH	2	2	4	3	5	5	5
150	2306284150	SMRUTI RANJAN ROUT	2	2	4	3	5	4	4
151	2306284151	SNEHA VISHWAS	2	2	1	3	5	5	5
152	2306284152	SNEHASIS NAYAK	2	2	5	3	4	5	5
153	2306284153	SNIGDHA DHADA	2	2	5	3	4	5	5
154	2306284154	SONALI KUMARI SINGH	2	2	5	3	4	2	2
155	2306284155	SOUBHAGYA KUMAR	4	5	4	4	2	3	3
156	2306284156	SOUBHAGYA SAHOO	3	5	4	4	2	3	3
157	2306284157	SOUBHAGYARANJAN	3	5	4	4	5	5	5
158	2306284158	SOUMYA RANJAN BEHERA	3	5	4	4	5	5	5
159	2306284159	SOUMYA RANJAN DASH	3	5	4	4	5	3	3
160	2306284160	SOUMYA RANJAN PRUSTY	3	3	5	4	4	4	4
161	2306284161	SOUMYA RANJAN SAHOO	3	3	5	4	5	5	5
162	2306284162	SOUMYARANJAN BARIK	3	5	2	4	4	5	5
163	2306284163	SOUMYARANJAN PRADHAN	3	5	2	4	4	5	5
164	2306284164	SOURAV KUMAR PRADHAN	3	5	5	2	5	5	5
165	2306284165	SRINIBAS MOHANTY	3	5	5	4	4	5	5
166	2306284166	SUBASHIS PANDA	3	5	5	4	4	5	5
167	2306284167	SUBHADRA PANDA	3	5	5	4	4	5	5
168	2306284168	SUBHASMEETA PRADHAN	3	5	5	4	5	5	5
169	2306284169	SUBHENDU BISWAL	3	5	5	2	5	4	4
170	2306284170	SUBHODEEP GHOSH	5	5	5	5	5	5	5
171	2306284171	SUBRAT KUMAR SAHOO	4	5	5	3	2	4	4
172	2306284172	SUDARSAN SINGH	3	4	5	5	4	3	3
173	2306284173	SUJEET KUMAR BEHERA	5	3	5	4	3	4	4
174	2306284174	SUMAN MUNDA	4	5	5	4	4	5	5
175	2306284175	SUNIL BEHERA	5	5	5	4	5	5	5
176	2306284176	SURYAKANTA LENKA	4	5	5	2	5	4	4
177	2306284177	SUSHREE SANGITA NAIK	5	5	5	5	5	5	5
178	2306284178	SUVAM DAS	4	5	5	3	2	4	4
179	2306284179	SUVARANJAN JENA	3	4	5	5	4	3	3
180	2306284180	SWADHIN KUMAR NAYAK	5	3	5	4	3	4	4
181	2306284181	SWAGATIKA BEHERA	5	3	5	4	3	4	4
182	2306284182	SWARAJ KUMAR BEJ	3	5	4	4	5	5	5
183	2306284183	SWARAJ SAMAL	3	5	4	4	5	3	3
184	2306284184	SWARNALATA JENA	3	3	5	4	4	4	4
185	2306284185	SWETA SAH	4	5	5	3	2	4	4
186	2306284186	TARAKANTA BARIK	3	4	5	5	4	3	3
187	2306284187	TARINI PRASAD RATH	5	3	5	4	3	4	4
		Average	3.5	3.91	4.24	4.01	3.88	3.88	3.88
	Indirect CO Attainment		3	3	3	3	3	3	3
			CO	Direct CO Attainment(80%)	Indirect CO Attainment(20%)	Actual CO attainment	Target		Attained /Not Attained
			CO1	3	3	3.0	2		Attained

CO2	3	3	3.0	2		Attained
CO3	3	3	3.0	2		Attained
CO4	3	3	3.0	2		Attained
CO5	3	3	3.0	2		Attained
CO6	3	3	3.0	2		Attained
CO7	3	3	3.0	2		Attained
Avg.			3	2		Attained

Actual CO

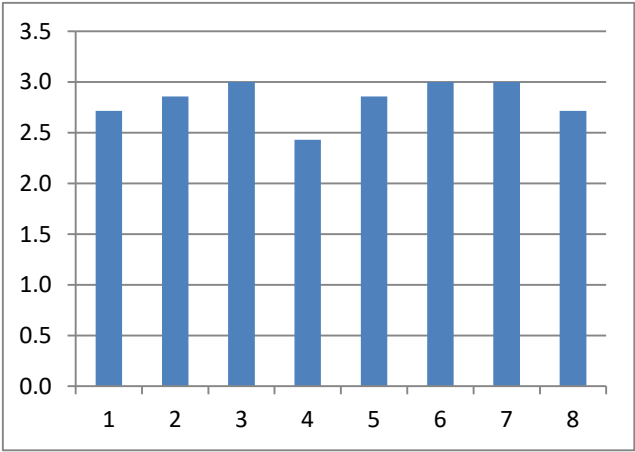


	Business Communication											
CO-PO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3	PSO4
CO1	1	2	3	1	3	3	3	3	3	2	3	3
CO2	3	3	3	2	3	3	3	3	3	3	3	2
CO3	3	3	3	2	2	3	3	3	3	3	3	2
CO4	3	3	3	3	3	3	3	3	3	3	3	3
CO5	3	3	3	3	3	3	3	3	3	3	3	3
CO6	3	3	3	3	3	3	3	3	3	3	3	3
CO7	3	3	3	3	3	3	3	3	3	3	3	3
AVG	2.7143	2.857	3	2.429	2.8571	3	3	3	3	2.857	3	2.7143

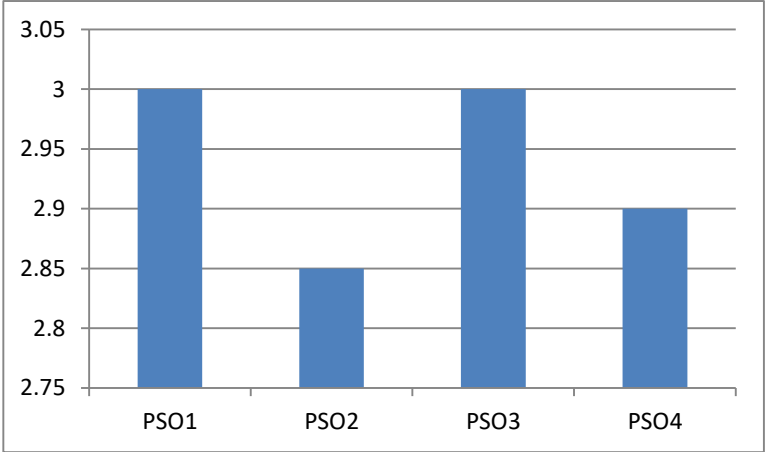
Actual CO attainme nt		PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3	PSO4
3.0	CO1	1.0	2.0	3.0	1.0	3.0	3.0	3.0	1.0	3.0	2.0	3.0	3.0
3.0	CO2	3.0	3.0	3.0	2.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.0
3.0	CO3	3.0	3.0	3.0	2.0	2.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
3.0	CO4	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
3.0	CO5	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
3.0	CO6	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
3.0	CO7	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
PO/PSO Attainme nt		2.7	2.9	3.0	2.4	2.9	3.0	3.0	2.7	3.0	2.9	3.0	2.9

Average	2.8	PO & PSO
Average	2.8	PO
Average	2.9	PSO

PO Graph



PSO GRAPH



PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
2.7	2.9	3.0	2.4	2.9	3.0	3	2.7

PSO1	PSO2	PSO3	PSO4
3	2.85	3	2.9

