

2.6.2 Attainment of Programme Outcomes and Course Outcomes as evaluated by the institution:

EXCEL ENGINEERING COLLEGE

(Autonomous)

Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai

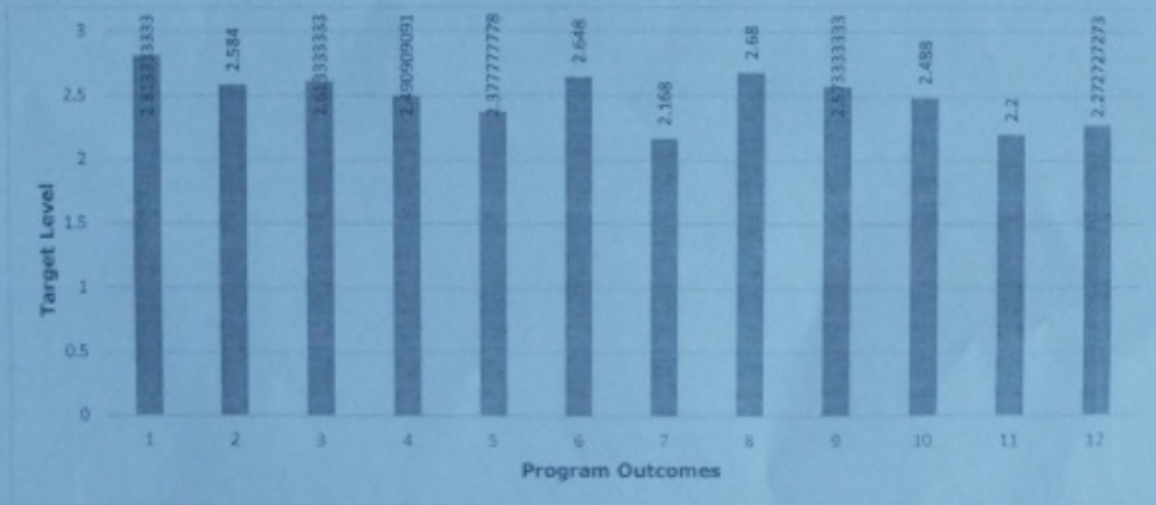
Accredited by NBA, NAAC with "A+" and Recognised by UGC (2f & 12B)

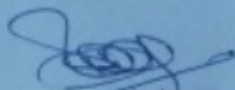
KOMARAPALAYAM - 637303

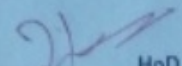
M.E Department of Industrial safety Engineering

Consolidated Mapping of COs with POs and PSOs

Sl. No.	CO/PO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
1	20PMA105	3.00	3.00	0.00	0.00	-	-	-	2.00	2.00	2.00	-	0.00	3.00	1.00	-
2	20PIS101	2.00	3.00	1.00	0.00	0.00	1.00	1.00	-	1.00	-	-	0.00	2.00	3.00	-
3	20PIS102	2.40	3.00	1.00	0.00	0.00	1.00	1.00	0.00	1.00	-	1.00	1.60	2.00	3.00	-
9	20PIS103	3.00	2.00	0.00	0.00	0.00	0.00	1.00	-	1.00	-	-	0.00	1.00	3.00	-
10	20PIS104	2.00	3.00	1.00	0.00	0.00	-	1.00	-	1.00	-	-	0.00	1.00	3.00	-
11	20PIS105	-	-	-	-	-	3.00	1.00	3.00	2.00	2.00	3.00	3.00	-	-	-
12	20PISE01	3.00	-	3.00	2.60	2.00	-	-	-	-	-	-	1.60	-	-	-
13	20PIS201	3.00	3.00	2.00	0.00	0.00	-	-	-	-	-	0.00	1.00	2.00	-	-
17	20PIS202	3.00	3.00	3.00	3.00	-	-	-	-	-	-	0.00	2.00	2.00	-	-
18	20PIS203	2.00	3.00	2.00	0.00	0.00	-	-	-	-	-	0.00	2.00	2.00	-	-
19	20PIS204	2.00	-	-	-	-	0.00	0.00	0.00	0.00	2.00	0.00	0.00	2.00	-	-
20	20PIS205	3.00	3.00	2.00	3.00	2.00	-	-	-	2.00	-	0.00	-	2.00	-	-
21	20PIS206	0.00	0.00	0.00	0.00	0.00	3.00	1.00	3.00	2.00	2.00	3.00	3.00	-	-	-
22	20PISE10	3.00	3.00	2.00	2.00	2.00	-	-	1.00	-	-	1.00	-	-	-	-
23	20PISE12	3.00	3.00	0.00	2.00	2.00	-	-	-	-	-	2.00	-	-	-	-
24	20PEE301	3.00	3.00	3.00	3.00	3.00	-	2.00	1.00	1.00	2.00	0.00	-	3.00	1.00	2.00
25	20PIS302	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	-	-	-
26	20PISE21	3.00	3.00	3.00	3.00	2.00	-	-	-	2.00	1.00	1.00	2.00	-	1.00	-
27	20PISE24	3.00	2.00	2.00	3.00	0.00	0.00	0.00	1.00	2.00	1.00	0.00	0.00	-	-	-
28	20PIS401	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	-	-	-
	Average	2.60	2.71	1.72	1.53	1.19	1.56	1.27	1.70	1.64	2.00	1.13	1.39	-	-	-
	Direct (80%)	2.08	2.16	1.38	1.23	0.95	1.24	1.02	1.36	1.31	1.60	0.91	1.11	-	-	-
	Indirect (20%)	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60	-	-	-
	Target	2.68	2.76	1.98	1.83	1.55	1.84	1.62	1.96	1.91	2.20	1.51	1.71	-	-	-




Incharge


HoD

HOD / AERONAUTICAL ENGINEERING
EXCEL ENGINEERING COLLEGE,
KOMARAPALAYAM - 637 303.

2.6.2 Attainment of Programme Outcomes and Course Outcomes as evaluated by the institution:

**EXCEL ENGINEERING COLLEGE
(Autonomous)**

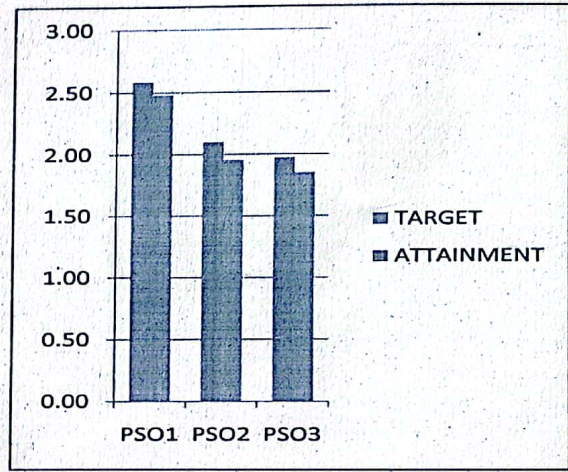
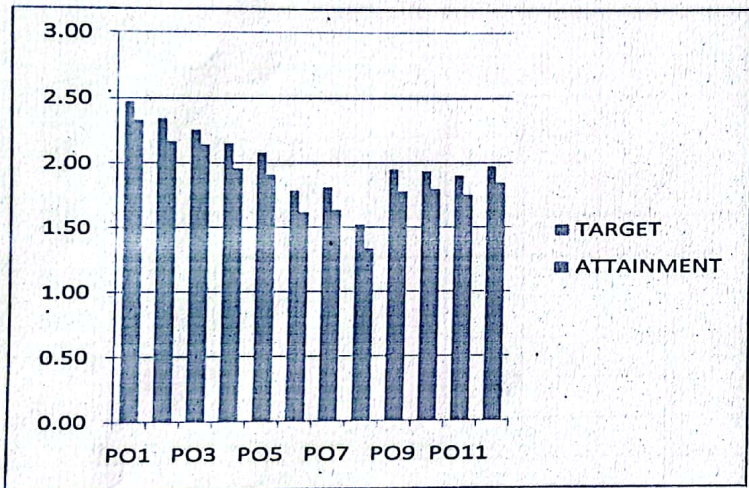
Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai
Accredited by NBA(AERO,CSE,ECE,MECH), NAAC with "A+" and Recognised by UGC (2f &12B)
KOMARAPALAYAM - 637303

U.G - Department of Aeronautical Engineering
Consolidated Attainment of COs with POs and PSOs

Sl. No.	CO\PO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
1	C101	-	-	-	1.50	-	-	-	-	1.00	1.30	-	2.00	1.00	-	1.80
2	C102	2.20	1.50	-	1.30	-	-	-	-	1.00	-	-	-	3.00	-	-
3	C103	2.40	1.30	-	1.00	2.00	-	-	-	-	-	-	-	2.00	2.00	2.00
4	C104	-	-	-	2.00	1.66	-	1.00	1.50	-	-	1.50	-	2.00	2.00	2.00
5	C105	1.67	1.00	1.50	1.50	1.67	1.00	-	1.00	1.00	-	1.67	1.00	2.00	2.00	-
6	C106	3.00	2.75	-	-	3.00	-	-	-	-	2.80	2.80	-	3.00	2.00	-
7	C107	2.00	2.00	2.70	2.00	3.00	1.60	-	1.00	-	1.50	1.00	-	3.00	2.00	-
8	C108	1.75	2.60	-	3.00	-	-	1.00	-	-	-	-	-	3.00	2.00	-
9	C109	-	-	-	1.50	-	1.00	-	-	-	3.00	-	2.00	1.00	-	1.80
10	C110	2.00	1.80	-	1.60	-	-	-	-	1.00	-	-	-	3.00	-	-
11	C111	2.00	2.00	-	1.00	2.50	-	-	-	-	-	-	-	2.00	2.00	2.00
12	C112	2.00	2.00	1.00	1.20	1.00	1.00	-	-	-	1.00	1.00	1.00	1.00	1.00	1.00
13	C113	3.00	-	2.00	-	2.00	-	-	1.00	1.00	3.00	-	2.00	2.00	2.00	2.00
14	C114	2.80	2.80	2.40	2.40	-	-	-	-	-	-	-	2.00	2.60	2.20	1.00
15	C115	-	-	2.00	-	2.30	2.20	-	-	2.50	1.80	1.00	2.00	3.00	2.00	-
16	C116	2.00	2.00	-	1.00	2.50	-	-	-	-	-	-	-	3.00	2.00	-
17	C201	2.20	1.50	-	2.00	-	-	-	-	1.50	-	-	-	3.00	-	-
18	C202	2.00	2.00	2.00	2.00	1.00	-	-	1.00	2.00	2.00	2.00	2.00	2.00	2.00	3.00
19	C203	3.00	3.00	2.00	2.40	2.00	1.00	1.00	-	-	-	2.40	2.60	3.00	2.20	3.00
20	C204	1.40	1.80	2.00	1.80	-	1.00	-	-	-	-	2.00	1.80	3.00	2.00	-
21	C205	2.20	2.80	2.20	-	-	-	-	-	-	-	-	2.00	2.00	1.80	1.40
22	C206	2.80	2.00	2.20	1.80	1.33	1.20	1.00	-	1.00	-	1.00	2.00	2.00	2.00	1.00
23	C207	3.00	3.00	3.00	2.00	1.40	-	-	-	-	-	1.00	-	3.00	1.20	2.20
24	C208	1.80	2.00	2.00	2.00	2.00	-	1.67	-	2.00	1.00	2.00	2.00	1.60	1.00	1.00
25	C209	2.00	2.00	2.00	1.60	1.00	-	-	-	3.00	-	2.00	1.80	3.00	1.80	2.00
26	C210	1.50	1.25	1.00	1.70	-	-	-	-	1.00	-	-	1.00	3.00	-	-
27	C211	2.20	2.60	1.80	-	-	-	-	1.00	-	-	-	2.00	3.00	-	-
28	C212	1.00	-	-	-	1.00	1.20	1.00	1.00	2.00	1.00	1.00	1.20	2.00	1.40	1.00

Sl. No.	CO\PO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
29	C213	3.00	3.00	3.00	3.00	1.60	2.00	-	-	-	-	2.20	1.20	3.00	2.00	1.00
30	C214	2.60	2.80	2.40	2.20	-	-	-	-	-	-	-	2.00	2.80	2.20	1.60
31	C215	1.20	2.00	2.00	2.00	-	-	-	-	-	-	2.00	2.00	2.00	1.00	1.00
32	C216	2.20	2.40	2.60	-	3.00	-	-	-	2.00	-	-	2.20	2.60	2.00	2.60
33	C217	3.00	2.20	2.00	2.00	2.00	-	-	-	-	-	-	-	2.00	-	-
34	C301	3.00	2.60	2.00	1.60	2.00	-	-	-	-	-	1.80	2.00	3.00	1.80	-
35	C302	3.00	3.00	3.00	2.00	1.20	-	-	-	-	-	1.00	1.00	3.00	2.60	2.20
36	C303	2.60	2.60	1.80	-	-	-	-	1.00	-	-	-	2.00	2.20	1.40	-
37	C304	1.67	1.50	1.75	1.20	1.67	-	-	-	-	-	-	1.60	1.80	2.20	-
38	C305	2.60	2.40	2.60	2.00	2.20	-	-	-	-	1.33	1.00	1.00	1.00	1.00	1.00
39	C319	-	2.00	2.20	1.60	-	2.40	2.80	1.00	1.40	1.80	2.00	2.00	-	2.00	-
40	C332	2.60	2.00	1.00	2.00	1.00	-	-	-	1.80	-	1.00	1.00	3.00	1.00	1.00
41	C333	3.00	2.67	3.00	2.00	2.20	-	-	-	-	-	-	-	1.00	-	-
42	C334	1.00	1.75	1.50	2.25	1.33	2.50	3.00	1.00	1.00	2.50	1.50	-	1.00	1.00	1.00
43	C335	2.60	2.60	2.20	2.00	2.00	-	-	-	-	-	1.00	2.00	2.40	2.00	1.60
44	C336	3.00	2.60	2.40	2.40	1.80	1.40	1.00	-	1.00	-	1.20	2.00	3.00	2.00	2.00
45	C337	2.80	2.60	2.40	3.00	3.00	2.60	2.00	-	-	-	2.40	2.00	3.00	3.00	3.00
46	C338	1.20	1.75	1.00	1.00	1.00	-	2.80	-	-	1.00	1.00	2.00	3.00	2.00	2.00
47	C342	-	-	1.00	-	1.00	1.20	1.80	1.60	1.60	1.00	1.00	1.00	2.40	1.00	1.80
48	C343	1.60	1.80	2.00	2.00	2.00	-	1.00	-	-	1.00	1.00	1.80	3.00	1.80	-
49	C346	3.00	2.00	1.80	1.80	1.00	1.00	-	-	2.60	1.00	1.40	1.40	2.60	2.80	2.60
50	C347	3.00	3.00	3.00	3.00	3.00	-	-	-	-	-	2.00	2.00	3.00	2.30	2.40
51	C348	2.40	2.80	3.00	3.00	2.40	-	2.00	-	2.20	1.80	2.00	2.20	3.00	1.60	2.40
52	C401	1.00	1.00	1.00	1.00	1.20	1.00	1.00	-	-	1.40	1.30	1.00	-	1.00	-
54	C402	3.00	1.60	2.80	2.60	2.40	1.40	-	-	-	-	2.20	1.60	3.00	1.80	-
57	C403	2.60	2.40	2.40	2.60	2.00	-	-	-	-	-	2.20	2.40	3.00	2.00	1.00
58	C424	2.80	3.00	2.00	1.60	2.00	-	-	-	-	-	1.80	1.00	2.80	2.00	1.20
59	C432	2.80	2.20	2.00	2.40	2.10	1.20	1.00	-	-	-	2.00	1.00	2.40	2.00	-
60	C436	2.40	1.33	1.00	1.00	1.00	1.60	1.50	1.00	1.80	2.80	1.00	2.20	1.60	1.00	1.00
61	C441	3.00	1.80	2.00	3.00	2.80	1.00	-	-	-	-	2.00	1.00	3.00	3.00	2.60
62	C442	3.00	2.20	2.00	1.75	2.00	2.33	1.75	2.00	2.80	1.60	1.60	2.00	3.00	1.60	1.80
63	C443	2.00	2.20	2.40	1.80	1.50	1.00	1.00	1.00	1.60	2.00	2.00	1.20	2.80	2.00	1.40
66	C445	2.80	2.00	2.20	2.20	1.33	1.20	1.00	-	1.00	1.00	1.00	2.00	3.00	2.00	1.00
68	C446	2.20	2.20	2.00	2.00	1.00	-	1.00	-	-	1.00	2.00	2.00	3.00	2.60	1.00
69	C455	3.00	2.40	2.40	2.40	2.75	2.00	2.00	-	3.00	2.00	3.00	2.00	3.00	3.00	2.00

Sl. No.	CO\PO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
	Direct Attainment	2.34	2.18	2.07	1.94	1.85	1.48	1.51	1.15	1.68	1.67	1.63	1.72	2.49	1.88	1.72
	80% Direct	1.87	1.74	1.66	1.55	1.48	1.19	1.21	0.92	1.35	1.33	1.30	1.37	1.99	1.50	1.37
	20% Indirect	0.46	0.42	0.49	0.41	0.43	0.43	0.43	0.41	0.43	0.47	0.45	0.47	0.49	0.46	0.48
	Total Attainment	2.33	2.17	2.14	1.96	1.91	1.62	1.64	1.33	1.78	1.80	1.75	1.85	2.48	1.96	1.85



[Signature]
Academic Coordinator

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HoD



2.6.2 Attainment of Programme Outcomes and Course Outcomes as evaluated by the institution:

EXCEL ENGINEERING COLLEGE

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KOMARAPALAYAM - 637303

U.G - Department of Aeronautical Engineering

Consolidated Attainment of Cos

Sl. No.	CO	CO 1	CO 2	CO 3	CO 4	CO 5	CO Average
1	C101	1.72	1.72	1.72	1.72	1.72	1.72
2	C102	3.00	3.00	3.00	3.00	3.00	3.00
3	C103	3.00	3.00	3.00	3.00	3.00	3.00
4	C104	3.00	3.00	3.00	3.00	3.00	3.00
5	C105	3.00	3.00	3.00	3.00	3.00	3.00
6	C106	3.00	3.00	3.00	3.00	3.00	3.00
7	C107	3.00	3.00	3.00	3.00	3.00	3.00
8	C108	1.72	1.72	1.72	1.72	1.72	1.72
9	C109	3.00	3.00	3.00	3.00	3.00	3.00
10	C110	3.00	3.00	3.00	3.00	3.00	3.00
11	C111	3.00	3.00	3.00	3.00	3.00	3.00
12	C112	3.00	3.00	3.00	3.00	3.00	3.00
13	C113	3.00	3.00	3.00	3.00	3.00	3.00
14	C114	3.00	3.00	3.00	3.00	3.00	3.00
15	C115	3.00	3.00	3.00	3.00	3.00	3.00
16	C116	3.00	3.00	3.00	3.00	3.00	3.00
17	C201	1.72	1.72	1.72	1.72	1.72	1.72
18	C202	2.40	2.40	2.40	2.40	2.40	2.40
19	C203	3.00	3.00	3.00	3.00	3.00	3.00
20	C204	3.00	3.00	3.00	3.00	3.00	3.00
21	C205	2.40	2.40	2.40	2.40	2.40	2.40
22	C206	3.00	3.00	3.00	3.00	3.00	3.00
23	C207	3.00	3.00	3.00	3.00	3.00	3.00
24	C208	3.00	3.00	3.00	3.00	3.00	3.00
25	C209	3.00	3.00	3.00	3.00	3.00	3.00
26	C210	3.00	3.00	3.00	3.00	3.00	3.00
27	C211	3.00	3.00	3.00	3.00	3.00	3.00
28	C212	3.00	3.00	3.00	3.00	3.00	3.00
29	C213	3.00	3.00	3.00	3.00	3.00	3.00

Sl. No.	CO	CO 1	CO 2	CO 3	CO 4	CO 5	CO Average
30	C214	3.00	3.00	3.00	3.00	3.00	3.00
31	C215	3.00	3.00	3.00	3.00	3.00	3.00
32	C216	3.00	3.00	3.00	3.00	3.00	3.00
33	C217	3.00	3.00	3.00	3.00	3.00	3.00
34	C301	3.00	3.00	3.00	3.00	3.00	3.00
35	C302	3.00	3.00	3.00	3.00	3.00	3.00
36	C303	3.00	3.00	3.00	3.00	3.00	3.00
37	C304	3.00	3.00	3.00	3.00	3.00	3.00
38	C305	3.00	3.00	3.00	3.00	3.00	3.00
39	C319	3.00	3.00	3.00	3.00	3.00	3.00
40	C332	3.00	3.00	3.00	3.00	3.00	3.00
41	C333	3.00	3.00	3.00	3.00	3.00	3.00
42	C334	3.00	3.00	3.00	3.00	3.00	3.00
43	C335	3.00	3.00	3.00	3.00	3.00	3.00
44	C336	3.00	3.00	3.00	3.00	3.00	3.00
45	C337	3.00	3.00	3.00	3.00	3.00	3.00
46	C338	3.00	3.00	3.00	3.00	3.00	3.00
47	C342	3.00	3.00	3.00	3.00	3.00	3.00
48	C343	3.00	3.00	3.00	3.00	3.00	3.00
49	C346	3.00	3.00	3.00	3.00	3.00	3.00
50	C347	3.00	3.00	3.00	3.00	3.00	3.00
51	C348	3.00	3.00	3.00	3.00	3.00	3.00
52	C401	3.00	3.00	3.00	3.00	3.00	3.00
54	C402	3.00	3.00	3.00	3.00	3.00	3.00
57	C403	3.00	3.00	3.00	3.00	3.00	3.00
58	C424	3.00	3.00	3.00	3.00	3.00	3.00
59	C432	3.00	3.00	3.00	3.00	3.00	3.00
60	C436	3.00	3.00	3.00	3.00	3.00	3.00
61	C441	3.00	3.00	3.00	3.00	3.00	3.00
62	C442	3.00	3.00	3.00	3.00	3.00	3.00
63	C443	3.00	3.00	3.00	3.00	3.00	3.00
66	C445	3.00	3.00	3.00	3.00	3.00	3.00
68	C446	3.00	3.00	3.00	3.00	3.00	3.00
69	C455	3.00	3.00	3.00	3.00	3.00	3.00


Academic Coordinator


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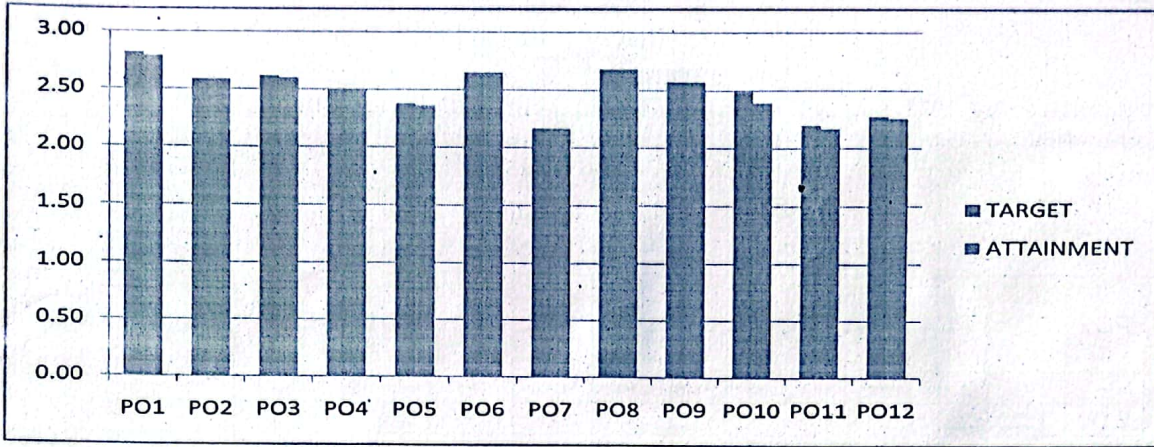
2.6.2 Attainment of Programme Outcomes and Course Outcomes as evaluated by the institution:

EXCEL ENGINEERING COLLEGE
(Autonomous)

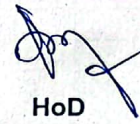
Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai
Accredited by NBA(AERO,CSE,ECE,MECH), NAAC with "A+" and Recognised by UGC (2f &12B)
KOMARAPALAYAM - 637303

M.E Department of Aeronautical Engineering
Consolidated Attainment of COs with POs and PSOs

Sl. No.	CO/PO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
1	PA-C101	2.60	-	3.00	2.60	-	-	-	-	-	-	-	1.60	-	-	-
2	PA-C102	1.20	2.00	2.00	2.00	-	-	-	-	2.00	-	2.00	-	-	-	-
3	PA-C103	2.40	1.00	1.00	1.00	1.00	2.00	1.00	1.40	-	-	1.00	1.60	-	-	-
9	PA-C109	3.00	2.20	3.00	2.60	2.00	-	-	-	-	-	-	1.60	-	-	-
10	PA-C110	3.00	2.40	3.00	2.60	2.00	-	-	-	-	-	-	1.80	-	-	-
11	PA-C111	-	-	-	-	-	2.40	1.40	2.80	2.40	2.40	2.20	2.20	-	-	-
12	PA-C112	3.00	-	2.80	2.60	2.00	-	-	-	-	-	-	1.60	-	-	-
13	PA-C113	3.00	2.60	2.00	1.60	2.00	-	-	-	-	-	1.80	2.00	-	-	-
17	PA-C121	2.60	2.60	2.20	-	-	-	-	-	-	-	1.00	-	-	-	-
18	PA-C122	3.00	3.00	2.00	2.00	2.00	-	-	-	-	-	2.00	-	-	-	-
19	PA-C123	-	-	-	-	-	2.40	1.40	2.80	2.40	2.40	2.60	2.40	-	-	-
21	PA-C201	3.00	3.00	3.00	3.00	3.00	-	-	-	2.00	1.00	1.00	2.00	-	-	-
22	PA-C213	3.00	3.00	3.00	3.00	2.80	3.00	3.00	3.00	3.00	2.40	3.00	3.00	-	-	-
23	PA-C215	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	-	-	-
	Average	2.73	2.48	2.50	2.36	2.20	2.56	1.96	2.60	2.47	2.24	1.96	2.07	-	-	-
	Direct (80%)	2.19	1.98	2.00	1.89	1.76	2.05	1.57	2.08	1.97	1.79	1.57	1.66	-	-	-
	Indirect (20%)	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60	-	-	-
	Total Attainment	2.79	2.58	2.60	2.49	2.36	2.65	2.17	2.68	2.57	2.39	2.17	2.26	-	-	-




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2.6.2 Attainment of Programme Outcomes and Course Outcomes as evaluated by the institution:

EXCEL ENGINEERING COLLEGE
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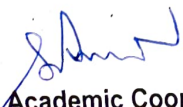
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KOMARAPALAYAM - 637303

M.E Department of Aeronautical Engineering
Consolidated Attainment of COs

Sl. No.	CO	CO 1	CO 2	CO 3	CO 4	CO 5	CO Average
1	PA-C101	1.72	1.72	1.72	1.72	1.72	1.72
2	PA-C102	3.00	3.00	3.00	3.00	3.00	3.00
3	PA-C103	3.00	3.00	3.00	3.00	3.00	3.00
4	PA-C109	3.00	3.00	3.00	3.00	3.00	3.00
5	PA-C110	3.00	3.00	3.00	3.00	3.00	3.00
6	PA-C111	3.00	3.00	3.00	3.00	3.00	3.00
7	PA-C112	3.00	3.00	3.00	3.00	3.00	3.00
8	PA-C113	3.00	3.00	3.00	3.00	3.00	3.00
9	PA-C121	3.00	3.00	3.00	3.00	3.00	3.00
10	PA-C122	3.00	3.00	3.00	3.00	3.00	3.00
11	PA-C123	3.00	3.00	3.00	3.00	3.00	3.00
12	PA-C201	3.00	3.00	3.00	3.00	3.00	3.00
13	PA-C213	3.00	3.00	3.00	3.00	3.00	3.00
14	PA-C215	3.00	3.00	3.00	3.00	3.00	3.00


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