

K.L.N. COLLEGE OF ENGINEERING

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

PO, PSO ATTAINMENT 2020-2024 BATCH (Mapped without Weightage)

S. No.	Course	Course Code	Course Name	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
1	C101	20HS101	English for Technical Communication	-	-	-	-	-	-	-	-	2	2	-	2	-	-
2	C102	20BS101	Fundamentals of Engineering Mathematics	2	2	2	-	-	-	-	2	2	-	-	-	2	-
3	C103	20BS102	Engineering Physics	2	2	-	-	-	-	-	2	2	2	-	-	2	-
4	C104	20BS103	Engineering Chemistry	2	2	-	-	-	2	2	-	-	-	-	-	2	-
5	C105	20GE101	Problem Solving using Python Programming	2.62	2.62	2.62	-	-	-	-	-	-	-	-	-	2.62	2.62
6	C106	20BS1L1	Basic Science Laboratory	2	2	2	-	-	-	-	2	2	2	-	-	2	-
7	C107	20GE1L1	Python Programming Laboratory	3	3	3	-	3	-	-	-	-	-	-	-	3	3
8	C108	20GE1L2	Industrial Practices Workshop	3	3	3	3	-	-	3	-	3	3	-	-	-	-
9	C109	20HS201	Advanced Technical Communication	-	-	-	-	-	-	-	-	2	2	-	2	-	-
10	C110	20BS201	Laplace Transform and Advanced Calculus	2	2	2	-	-	-	-	2	2	-	-	-	2	-
11	C111	20BS203	Physics for Electronics Engineering	2	2	-	-	-	-	-	2	2	2	-	-	-	-
12	C112	20CS201	Programming in C	2.73	2.73	2.73	-	-	-	-	2.73	2.73	-	-	2.73	2.73	2.73
13	C113	20EE201	Electric Circuit Analysis	2.8	2.8	2.8	2.8	-	-	-	2.8	2.8	2.8	-	-	2.8	2.8
14	C114	20GE201	Engineering Graphics	2	2	2	-	-	-	-	2	-	-	-	-	-	2
15	C115	20CS2L1	C Programming Laboratory	3	3	3	-	-	-	-	3	3	3	-	3	3	3
16	C116	20EE2L2	Electric Circuits Laboratory	3	3	3	-	3	-	-	3	3	3	-	-	3	3
17	C201	20BS301	Transforms and Partial Differential Equations	2.46	2.46	2.46	-	-	-	-	2.46	2.46	-	-	-	-	2.46

18	C202	20EE301	Digital Logic Circuits	2.88	2.88	2.88	-	-	-	-	2.88	2.88	2.88	-	-	2.88	2.88
19	C203	20EE302	Electron Devices and Circuits	2.37	2.37	2.37	-	-	-	-	2.37	2.37	2.37	-	-	2.37	2.37
20	C204	20EE303	Electromagnetic Theory	2.38	2.38	2.38	-	-	-	-	2.38	2.38	2.38	-	-	2.38	2.38
21	C205	20EE304	Electrical Machines – I	2.49	2.49	2.49	-	-	-	-	2.49	2.49	2.49	-	-	2.49	2.49
22	C206	20HS301	Universal Human Values	-	-	-	-	-	2.62	2.62	2.62	2.62	2.62	-	2.62	-	-
23	C207	20EE3L1	Electronics Laboratory	3	3	3	-	-	-	-	3	3	3	-	-	3	3
24	C208	20EE3L2	Electrical Machines Laboratory – I	2.968	2.968	2.968	2.968	-	-	-	-	2.968	-	-	-	2.968	2.968
25	C209	20BS402	Numerical Methods	2	2	2	-	-	-	-	2	2	-	-	-	-	-
26	C210	20EE401	Electrical Machines – II	2.55	2.55	2.55	-	-	-	-	2.55	2.55	2.55	-	-	2.55	2.55
27	C211	20EE402	Transmission and Distribution	2.71	2.71	2.71	-	-	-	-	2.71	2.71	2.71	-	-	2.71	2.71
28	C212	20EE403	Linear Integrated circuits and Applications	2.453	2.453	-	-	-	-	-	2.453	2.453	2.453	-	-	2.453	2.453
29	C213	20EE404	Measurements and Instrumentation	2.31	2.31	-	-	-	-	-	2.31	2.31	2.31	-	-	2.31	2.31
30	C214	20HS401	Environmental Science and Engineering	-	-	-	-	-	2	2	-	-	-	-	-	-	-
31	C215	20EE4L1	Electrical Machines Laboratory – II	2.94	2.94	2.94	-	-	-	-	-	2.94	-	-	-	2.94	2.94
32	C216	20EE4L2	Linear and Digital Integrated Circuits Laboratory	3	3	3	-	-	-	-	3	3	3	-	-	3	3
33	C217	20EE4L3	Technical Seminar	-	-	-	-	-	-	-	3	3	3	-	3	-	3
34	C301	20EE501	Power System Analysis	2.36	2.36	2.36	2.36	-	2.36	2.36	2.36	2.36	-	-	2.36	2.36	2.36
35	C302	20EE502	Power Electronics	2.27	2.27	2.27	-	-	-	-	2.27	2.27	2.27	-	-	2.27	2.27
36	C303	20EE503	Digital Signal Processing	2.4	2.4	2.4	-	2.4	-	-	2.4	2.4	2.4	-	-	2.4	2.4
37	C304	20EE504	Control Systems	2.21	2.21	2.21	2.21	-	-	-	-	-	-	-	-	2.21	-
38	C305	20EE505	Microprocessors, Microcontrollers and Applications	2.69	2.69	-	-	-	-	-	2.69	2.69	2.69	-	-	2.69	2.69
39	C306	20OE403	Computer Communication Network	2.494	2.494	-	-	-	-	-	2.494	2.494	2.494	-	-	2.494	2.494
40	C307	20EE5L1	Control and Instrumentation Laboratory	3	3	3	3	-	-	-	-	3	-	-	-	3	-

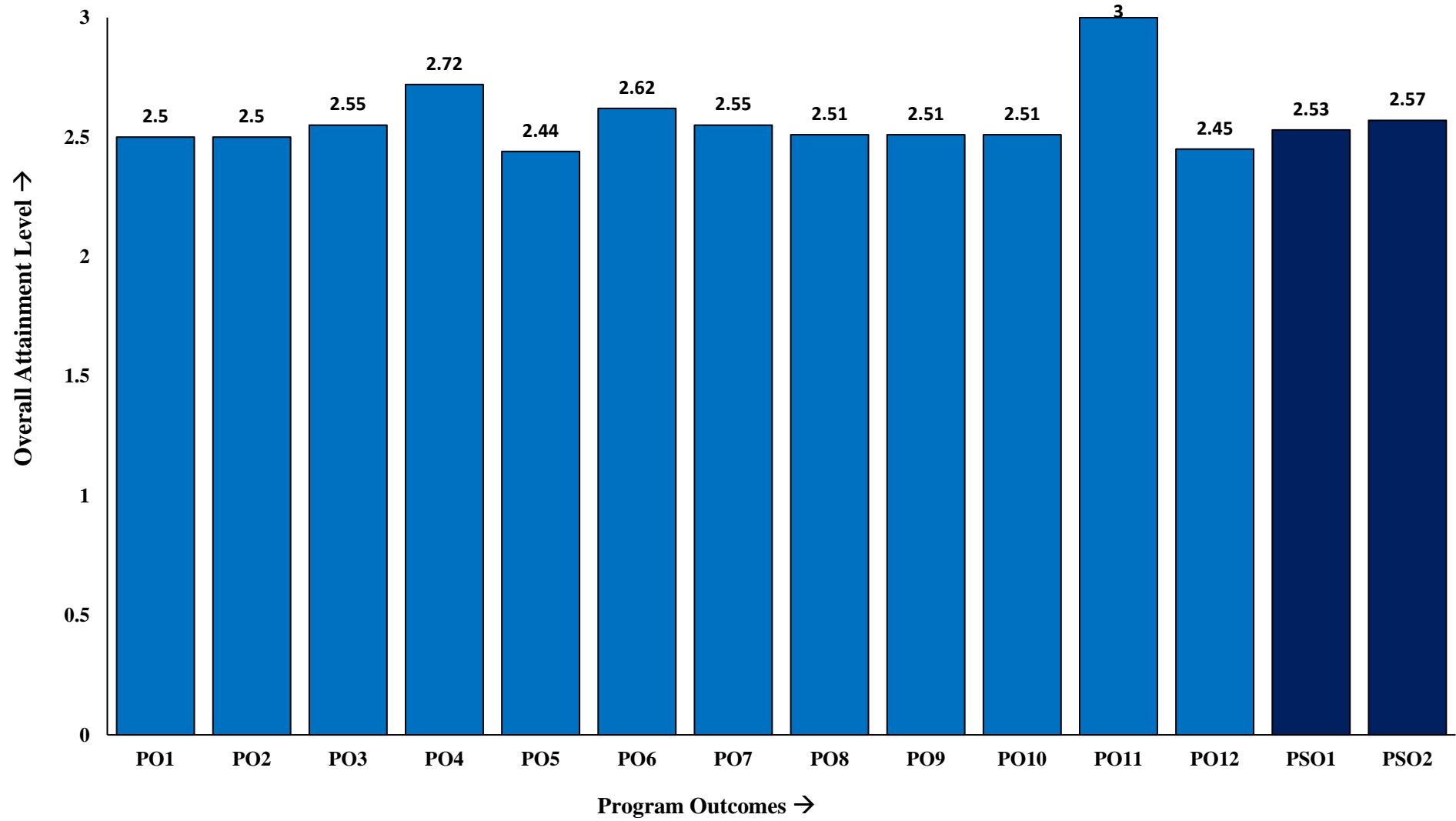
41	C308	20EE5L2	Microprocessors and Microcontrollers Laboratory	1.44	1.44	1.44	-	1.44	-	-	-	1.44	1.44	-	-	1.44	1.44
42	C309	20HS4L2	Professional Communication Laboratory	-	-	-	-	-	-	-	-	2	2	-	2	-	-
43	C310	20EE601	Solid State Drives	2.92	2.92	-	-	-	-	-	2.92	2.92	2.92	-	-	2.92	2.92
44	C311	20EE602	Power System Operation and Control	2.64	2.64	2.64	2.64	-	2.64	2.64	2.64	2.64	-	-	2.64	2.64	2.64
45	C312	20EE603	Embedded Systems	2.91	2.91	-	-	-	-	-	2.91	2.91	2.91	-	-	2.91	2.91
46	C313	20IT301	Object Oriented programming	2.51	2.51	2.51	-	-	-	-	-	-	-	-	-	2.51	-
47	C314A2	20EE6A2	Design of Electrical Apparatus	2.4	2.4	2.4	-	-	-	-	-	-	-	-	-	2.4	2.4
48	C315B2	20EE6B2	Special Electrical Machines	2.45	2.45	-	-	-	-	-	2.45	2.45	2.45	-	-	2.45	2.45
49	C316B2	20EE6L1	Power Electronics and Drives Laboratory	3	3	3	-	-	-	-	-	3	-	-	-	3	3
50	C317	20EE6L2	Mini Project	3	3	3	3	3	3	3	3	3	3	3	3	3	3
51	C318	20CS6L3	Object Oriented and JAVA Programming Laboratory	2.33	2.33	2.33	-	2.33	-	-	2.33	2.33	2.33	-	-	2.33	2.33
52	C319	20MC501	Constitution of India	-	-	-	-	-	3	-	3	3	3	-	-	3	-
53	C320	20MC601	Essence of Indian Traditional Knowledge	-	-	-	-	-	3	-	3	3	3	-	-	3	-
54	C401	20EE701	Protection and Switchgear	1.93	1.93	-	-	-	-	-	-	-	-	-	-	1.93	1.93
55	C402	20EE702	Renewable Energy Systems	2.37	2.37	-	-	-	-	2.37	2.37	-	-	-	-	2.37	2.37
56	C403	20OE105	Solar Photovoltaic Fundamentals and Application	2.813	2.813	2.813	-	-	-	-	-	-	-	-	-	2.813	2.813
57	C404A5	20EEA71	Fiber Optics and Laser Instrumentation	1.11	1.11	-	-	-	-	-	1.11	1.11	1.11	-	-	1.11	1.11
58	C405B5	20CS401	Computer Organization and Architecture	2.15	2.15	-	-	-	-	-	2.15	2.15	-	-	2.15	2.15	2.15
59	C406	20EE7L1	Power System Simulation Laboratory	1.8	1.8	1.8	-	1.8	-	-	1.8	1.8	1.8	-	1.8	1.8	1.8
60	C407	20EE7L2	Renewable Energy Systems Laboratory	2.52	2.52	2.52	2.52	2.52	-	-	-	2.52	-	-	2.52	2.52	2.52
61	C408A3	20EEA82	Electric Vehicles and power management	2.96	2.96	-	-	-	-	-	2.96	2.96	2.96	-	-	2.96	2.96

62	C409B1	20EE8B1	Energy Auditing and Management	2.93	2.93	-	-	-	2.93	2.93	2.93	2.93	2.93	-	-	2.93	2.93
63	C410	20EE8P1	Project Work	3	3	3	-	-	-	-	3	-	-	3	-	3	3
Actual				55	55	39	9	8	9	9	44	51	38	2	13	52	45
Obtained				137.26	137.26	99.59	24.49	19.4	23.5	22.9	110.53	128.03	95.26	6	31.82	131.80	115.54
				8	8	1	8	9	5	2	7	5	7			8	8
Direct Attainment				2.50	2.50	2.55	2.72	2.44	2.62	2.55	2.51	2.51	2.51	3	2.45	2.53	2.57
Indirect Attainment				3	3	3	3	3	3	3	3	3	3	3	3	3	3
Overall Attainment (0.8*Direct Attainment + 0.2*Indirect Attainment)				2.6	2.6	2.64	2.78	2.55	2.70	2.64	2.61	2.61	2.61	3	2.56	2.62	2.66

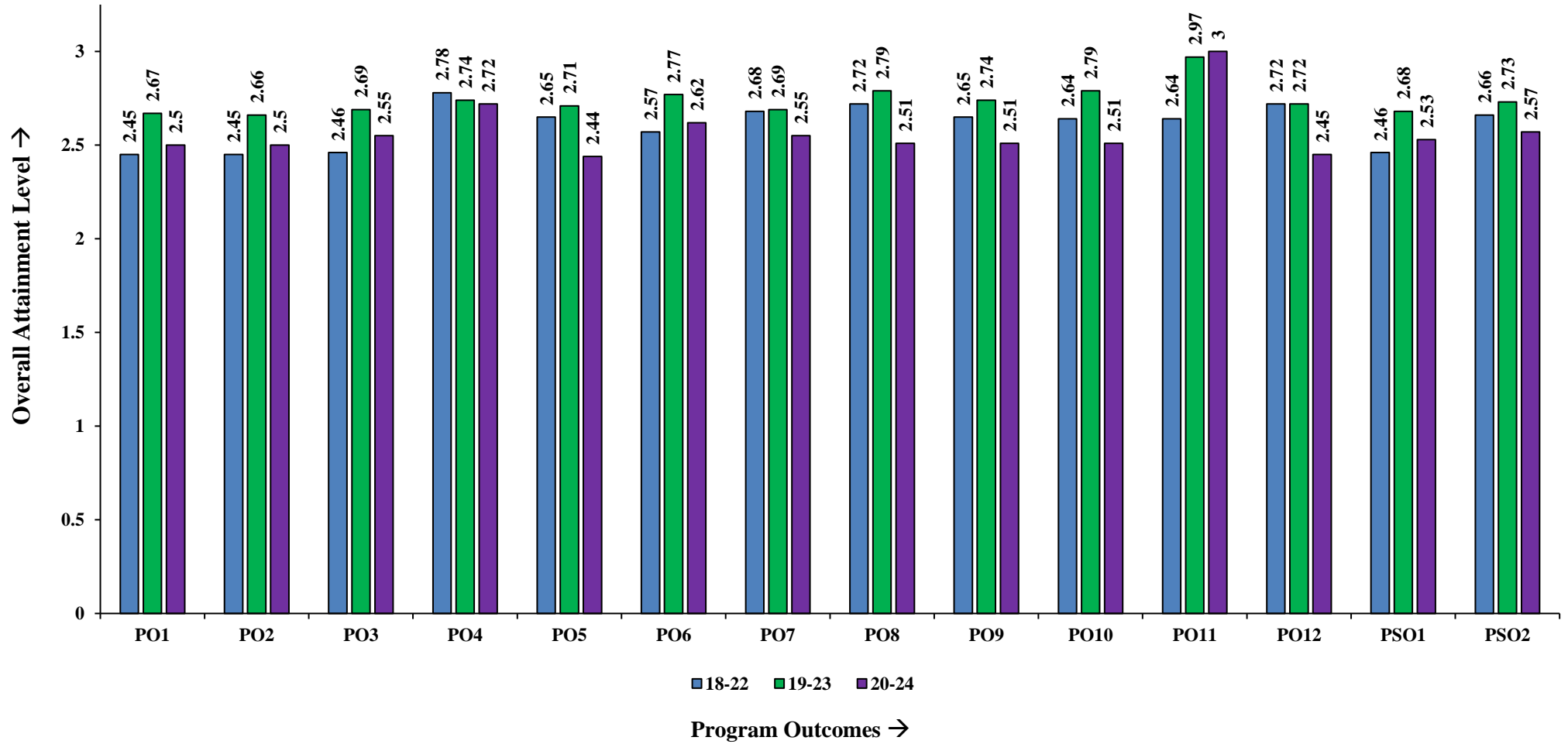
CO, PO, PSO Attainment

2020 – 2024 Batch

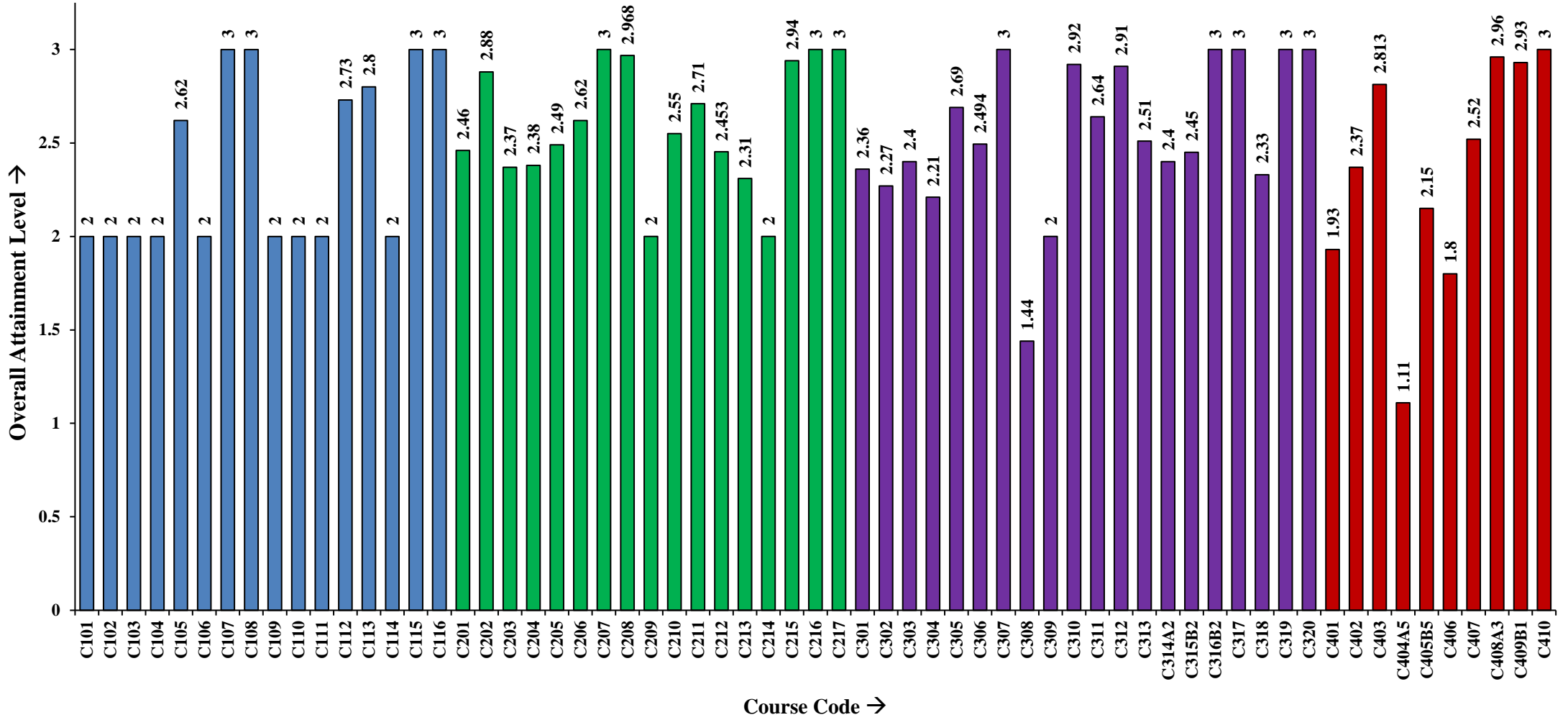
Graph – PO, PSO ATTAINMENT 2020-2024 BATCH (Mapped without Weightage)



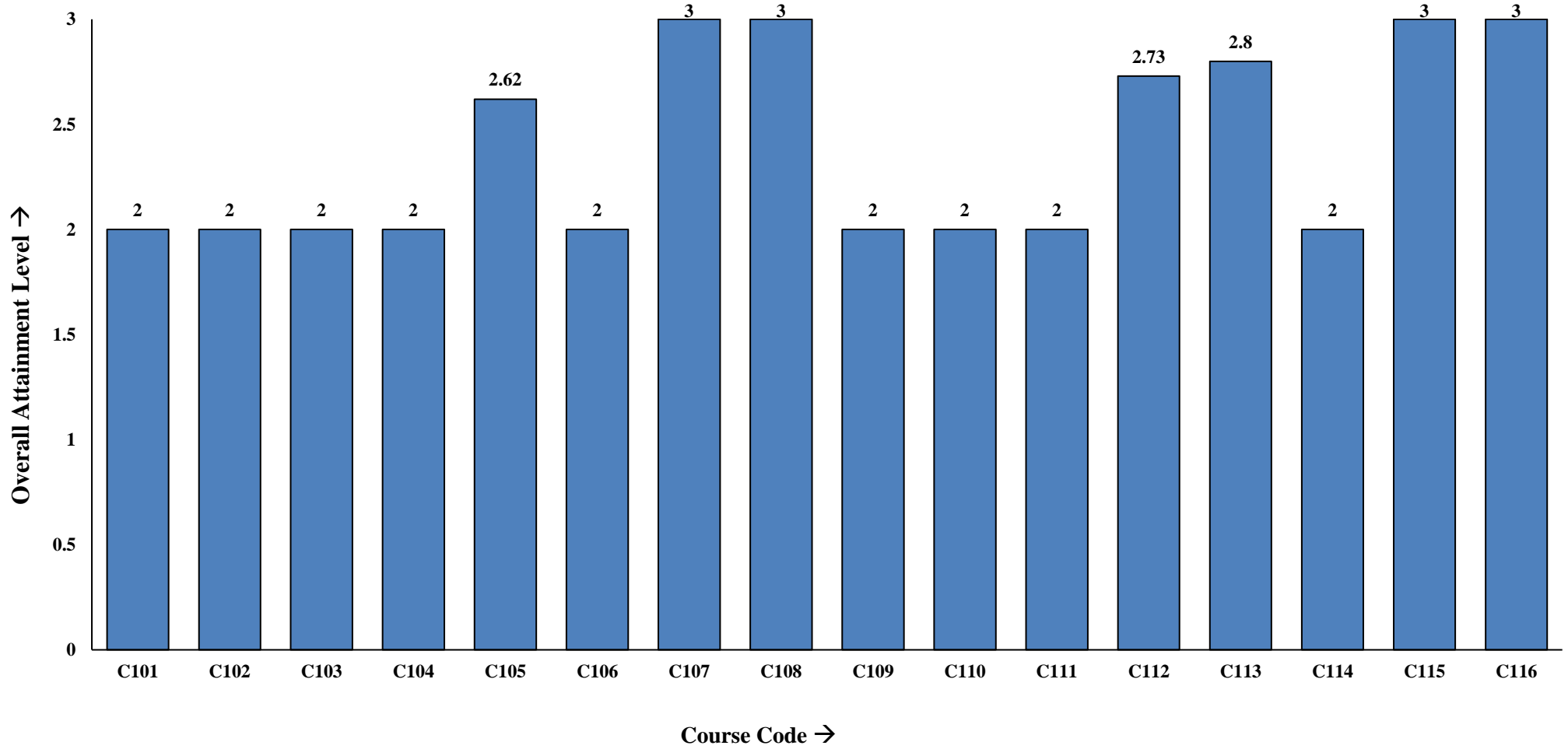
**Graph – PO, PSO ATTAINMENT 2018-2022, 2019-2023 and 2020-2024 BATCH Comparison
(Mapped without Weightage)**



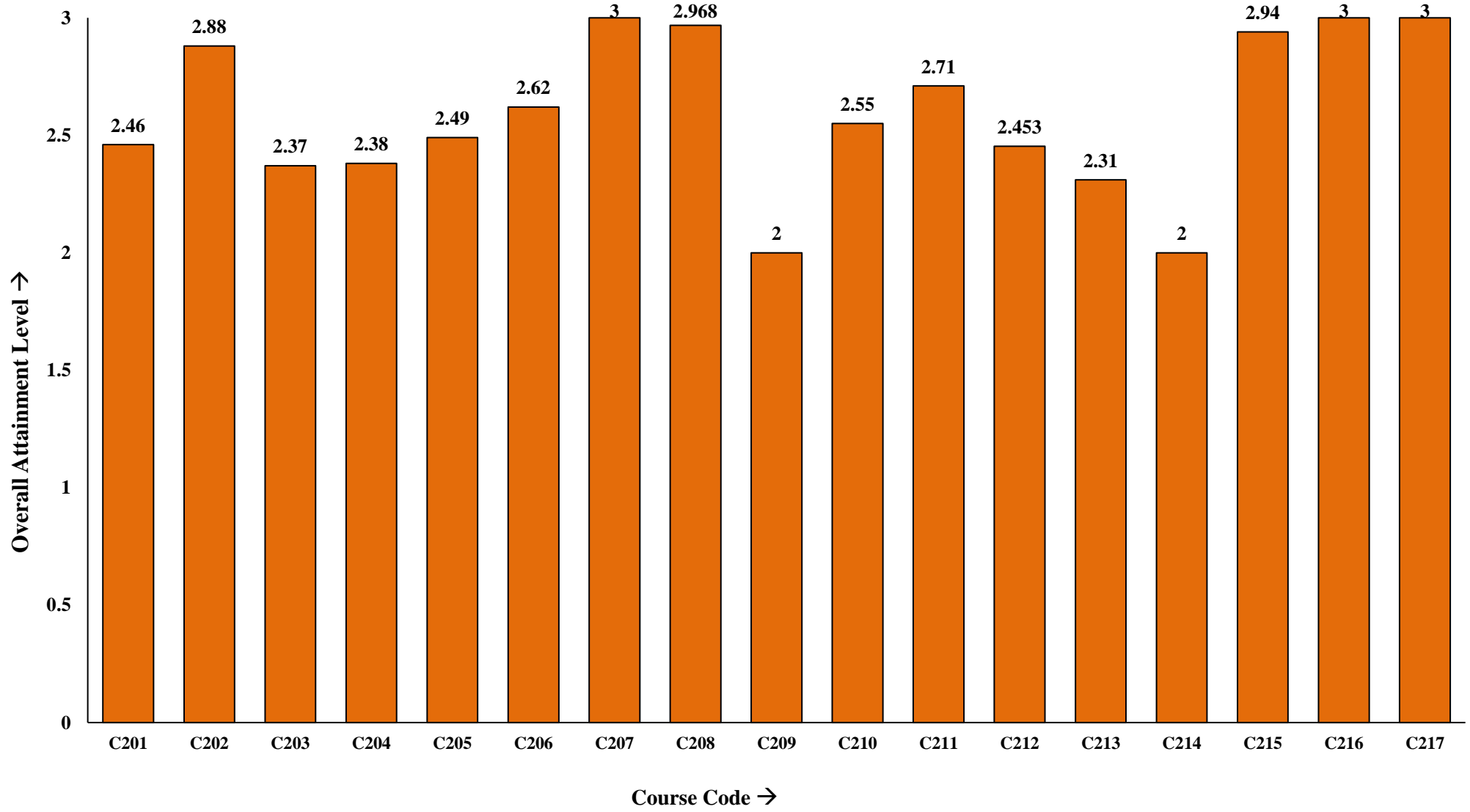
Graph – CO ATTAINMENT 2020-2024 BATCH



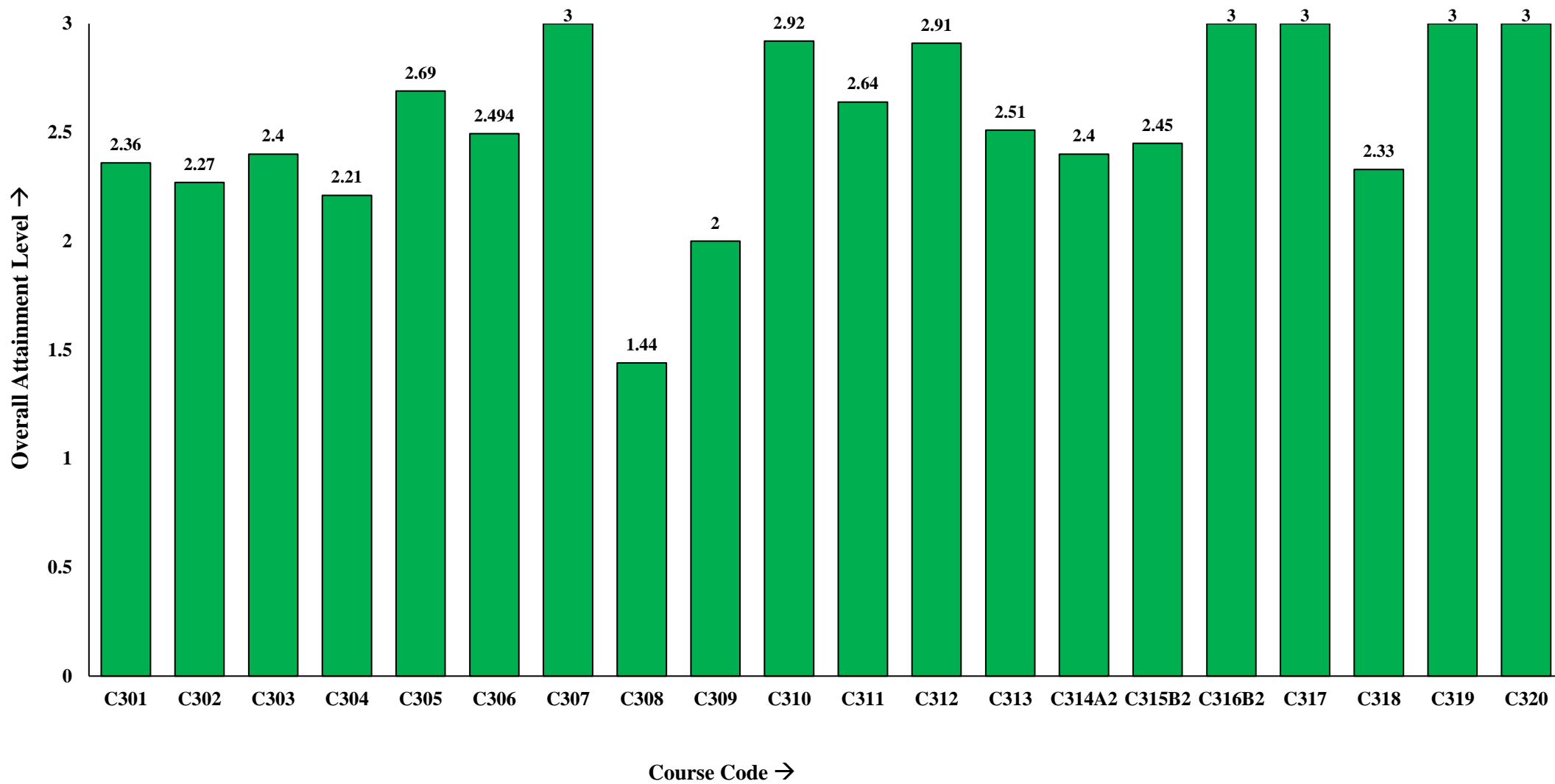
Graph – CO ATTAINMENT 2020-2024 BATCH (Year wise – 1st Year – 2020-2021)



Graph – CO ATTAINMENT 2020-2024 BATCH (Year wise – 2nd Year – 2021-2022)



Graph – CO ATTAINMENT 2020-2024 BATCH (Year wise – 3rd Year – 2022-2023)



Graph – CO ATTAINMENT 2020-2024 BATCH (Year wise – 4th Year – 2023-2024)

