

**K.L.N. COLLEGE OF ENGINEERING DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING**

**PO, PSO ATTAINMENT 2019-2023 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	HS8151	Communicative English	-	-	-	-	-	-	-	-	1.3	1.3	-	1.3	-	-
2	C102	MA8151	Engineering Mathematics-I	0.83	0.83	0.83	-	-	-	-	-	-	-	-	-	0.83	-
3	C103	PH8151	Engineering Physics	1.02	1.02	1.02	-	-	-	-	1.02	1.02	1.02	-	-	1.02	-
4	C104	CY8151	Engineering Chemistry	1.44	1.44	-	-	-	1.44	1.44	-	-	-	-	-	-	-
5	C105	GE8151	Problem Solving and Python Programming	1.18	1.18	1.18	-	1.18	-	-	-	-	-	-	-	1.18	1.18
6	C106	GE8152	Engineering Graphics	1.94	1.94	-	-	1.94	-	-	-	1.94	-	-	-	-	-
7	C107	GE8161	Problem Solving and Python Programming Laboratory	3	3	3	-	3	-	-	3	3	-	-	-	3	3
8	C108	BS8161	Physics and Chemistry Laboratory	2.04	2.04	2.04	-	-	-	-	2.04	2.04	2.04	-	-	2.04	-
9	C109	HS8251	Technical English	-	-	-	-	-	-	-	-	2.78	2.78	-	2.78	-	-
10	C110	MA8251	Engineering Mathematics – II	2.59	2.59	2.59	-	-	-	-	-	-	-	-	-	2.59	-
11	C111	PH8253	Physics for Electronics Engineering	2.71	2.71	2.71	-	-	-	-	2.71	2.71	2.71	-	-	2.71	-
12	C112	BE8251	Basic Civil and Mechanical Engineering	2.61	2.61	2.61	-	-	-	-	-	-	-	-	-	-	-
13	C113	EE8251	Circuit Theory	2.62	2.62	2.62	-	2.62	-	-	-	-	-	-	-	2.62	-
14	C114	GE8291	Environmental Science and Engineering	-	-	-	-	-	2.62	2.62	-	-	-	-	-	-	-
15	C115	GE8261	Engineering Practices Laboratory	3	3	3	-	3	3	-	3	3	3	-	-	3	3
16	C116	EE8261	Electric Circuits Laboratory	3	3	3	-	3	3	-	3	3	3	-	-	3	3
17	C201	MA8353	Transforms and Partial Differential Equations	2.85	2.85	2.85	-	-	-	-	-	-	-	-	-	2.85	-
18	C202	EE8351	Digital Logic Circuits	2.88	2.88	2.88	-	2.88	-	-	-	-	-	-	-	2.88	-

19	C203	EE8391	Electromagnetic Theory	3	3	3	-	-	3	-	-	-	-	-	-	3	-
20	C204	EE8301	Electrical Machines - I	3	3	3	-	3	3	-	-	-	-	3	-	3	-
21	C205	EC8353	Electron Devices and Circuits	2.82	2.82	2.82	-	-	2.82	-	-	2.82	2.82	-	-	2.82	2.82
22	C206	ME8792	Power Plant Engineering	2.81	2.81	2.81	-	-	-	-	-	-	-	-	-	2.81	2.81
23	C207	EC8311	Electronics Laboratory	3	3	3	3	3	3	-	3	3	3	-	-	3	3
24	C208	EE8311	Electrical Machines Laboratory - I	2.92	2.92	2.92	2.92	2.92	2.92	-	2.92	2.92	2.92	-	-	2.92	2.92
25	C209	MA8491	Numerical Methods	2.69	2.69	2.69	-	-	-	-	-	-	-	-	-	2.69	-
26	C210	EE8401	Electrical Machines – II	3	3	3	3	3	3	-	-	-	-	-	-	3	-
27	C211	EE8402	Transmission and Distribution	3	3	3	3	3	-	-	-	-	-	-	-	3	3
28	C212	EE8403	Measurements and Instrumentation	2.69	2.69	2.69	-	2.69	-	-	-	-	-	-	-	2.69	-
29	C213	EE8451	Linear Integrated Circuits and Applications	2.77	2.77	2.77	-	2.77	2.77	2.77	2.77	2.77	2.77	2.77	2.77	2.77	2.77
30	C214	IC8451	Control Systems	3	3	3	3	3	-	-	-	-	-	-	-	3	-
31	C215	EE8411	Electrical Machines Laboratory – II	2.96	2.96	2.96	-	-	2.96	-	2.96	2.96	2.96	-	-	2.96	-
32	C216	EE8461	Linear and Digital Integrated Circuits Laboratory	3	3	3	3	3	3	-	3	3	3	-	-	3	-
33	C217	EE8412	Technical Seminar	-	-	-	-	-	3	3	3	3	3	3	3	-	3
34	C301	EE8501	Power System Analysis	2.41	2.41	2.41	2.41	2.41	-	-	-	-	-	-	-	2.41	2.41
35	C302	EE8551	Microprocessors and Microcontrollers	2.71	2.71	2.71	2.71	2.71	-	-	-	-	-	-	-	2.71	2.71
36	C303	EE8552	Power Electronics	2.44	2.44	2.44	2.44	2.44	-	2.44	-	-	-	-	-	2.44	2.44
37	C304	EE8591	Digital Signal Processing	2.56	2.56	2.56	2.56	2.56	-	-	-	-	-	-	-	2.56	-
38	C305	CS8392	Object Oriented Programming	2.57	2.57	2.57	2.57	2.57	-	-	-	-	-	-	-	-	2.57
39	C306	OAN551	Sensors and Transducers	2.56	2.56	2.56	-	2.56	2.56	-	2.56	-	-	-	2.56	2.56	2.56

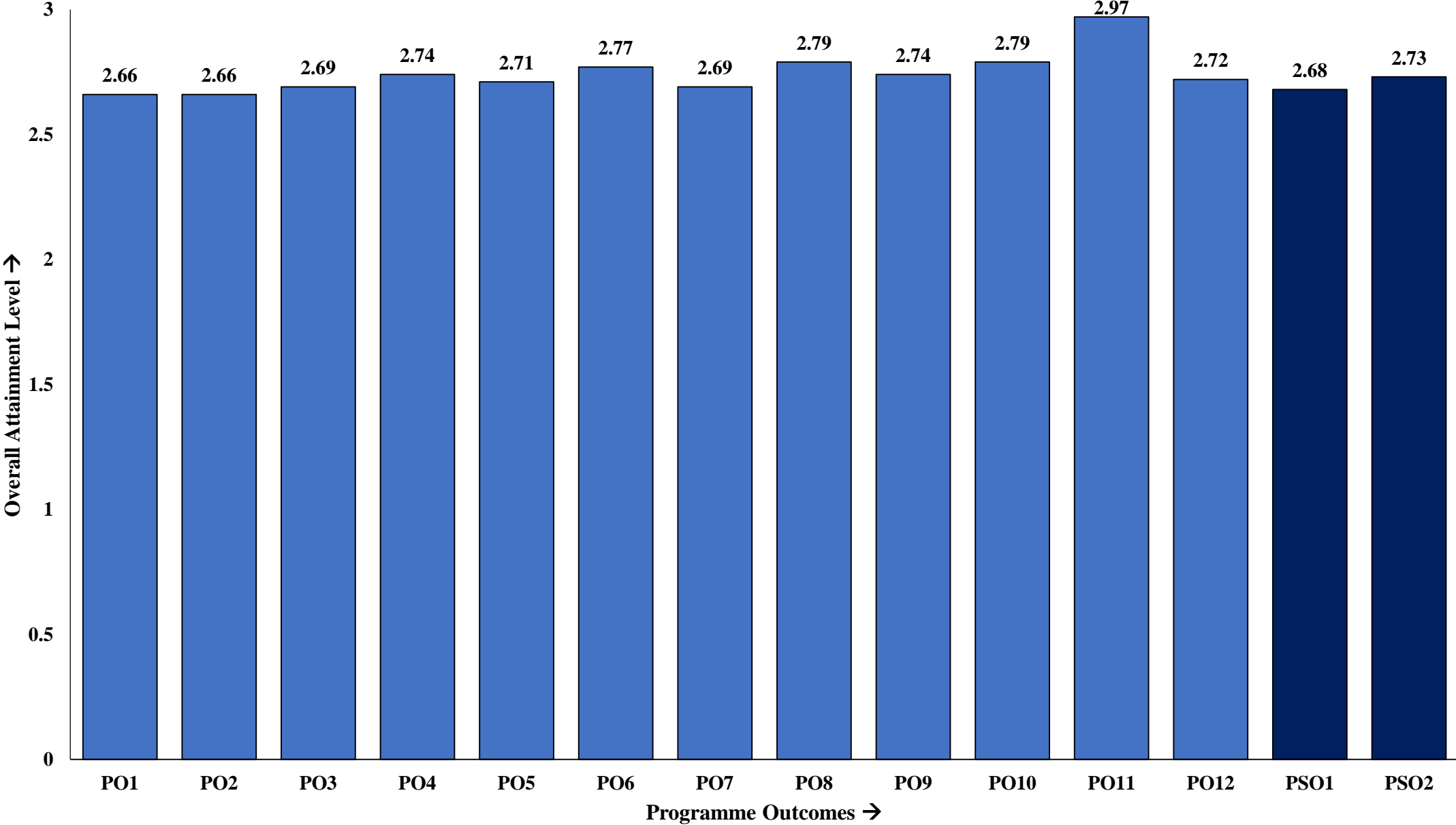
40	C307	EE8511	Control and Instrumentation Laboratory	3	3	3	3	3	3	-	3	3	3	3	-	3	3	
41	C308	HS8581	Professional Communication	-	-	-	-	-	-	-	-	2.96	2.96	-	2.96	-	-	
42	C309	CS8383	Object Oriented Programming Laboratory	3	3	3	3	-	-	-	3	3	3	-	-	-	3	
43	C310	EE8601	Solid State Drives	2.25	2.25	2.25	2.25	2.25	-	-	-	-	-	-	-	2.25	-	
44	C311	EE8602	Protection and Switchgear	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	-	-	-	1.03	1.03
45	C312	EE8691	Embedded Systems	2.65	2.65	2.65	2.65	2.65	-	-	-	-	-	-	-	2.65	2.65	
46	C313PE1A	EE8002	Design of Electrical Apparatus (Professional Elective I)	1.43	1.43	1.43	1.43	1.43	1.43	-	-	-	-	-	1.43	1.43	1.43	
47	C314PE2A	EE8006	Power Quality (Professional Elective II)	2.38	2.38	2.38	2.38	2.38	-	-	-	-	-	-	-	2.38	2.38	
48	C315	EE8661	Power Electronics and Drives Laboratory	3	3	3	3	3	3	-	3	3	3	-	-	3	3	
49	C316	EE8681	Microprocessors and Microcontrollers Laboratory	3	3	3	3	3	3	-	3	3	3	-	-	3	3	
50	C317	EE8611	Mini Project	3	3	3	3	3	3	3	3	3	3	3	3	3	3	
51	C401	EE8701	High Voltage Engineering	2.9	2.9	2.9	2.9	2.9	2.9	2.9	-	-	-	-	-	2.9	2.9	
52	C402	EE8702	Power System Operation and Control	2.31	2.31	2.31	-	2.31	2.31	-	-	-	-	-	-	2.31	2.31	
53	C403	EE8703	Renewable Energy Systems	2.79	2.79	2.79	-	2.79	-	2.79	2.79	-	-	-	2.79	2.79	2.79	
54	C404OE2	OCS752	Introduction to C Programming	2.31	2.31	2.31	-	2.31	-	-	-	-	-	-	-	2.31	2.31	
55	C405PE3A	EI8075	Fibre Optics and Laser Instrumentation	2.4	2.4	2.4	2.4	-	-	-	-	-	-	-	-	2.4	-	
56	C406PE4A	GE8077	Total Quality Management	2.94	2.94	-	-	-	2.94	2.94	2.94	2.94	-	2.94	-	-	-	
57	C407	EE8711	Power System Simulation Laboratory	2.96	2.96	2.96	2.96	2.96	-	-	2.96	2.96	2.96	-	2.96	2.96	2.96	
58	C408	EE8712	Renewable Energy Systems Laboratory	3	3	3	3	3	-	3	3	3	-	-	3	3	3	
59	C409PE5A	EE8015	Electric Energy Generation, Utilization and Conservation	2.89	2.89	2.89	-	2.89	-	2.89	-	-	-	-	2.89	2.89	2.89	

60	C410PE6A	EE8016	Energy Management and Auditing	2.66	2.66	2.66	2.66	-	2.66	2.66	-	-	-	-	2.66	2.66	-
61	C411	EE8811	Project Work	3	3	3	3	3	3	3	3	3	3	3	3	3	3
<b>Actual</b>				56	56	53	27	39	26	14	24	27	22	7	14	50	33
<b>Obtained</b>				144.52	144.52	138.2	72.27	103.15	70.36	36.48	65.7	72.15	60.24	20.71	37.1	130.02	87.84
<b>Direct Attainment</b>				2.58	2.58	2.61	2.68	2.64	2.71	2.61	2.74	2.67	2.74	2.96	2.65	2.6	2.66
<b>Indirect Attainment</b>				3	3	3	3	3	3	3	3	3	3	3	3	3	3
<b>Overall Attainment (0.8*Direct Attainment + 0.2*Indirect Attainment)</b>				<b>2.66</b>	<b>2.66</b>	<b>2.69</b>	<b>2.74</b>	<b>2.71</b>	<b>2.77</b>	<b>2.69</b>	<b>2.79</b>	<b>2.74</b>	<b>2.79</b>	<b>2.97</b>	<b>2.72</b>	<b>2.68</b>	<b>2.73</b>

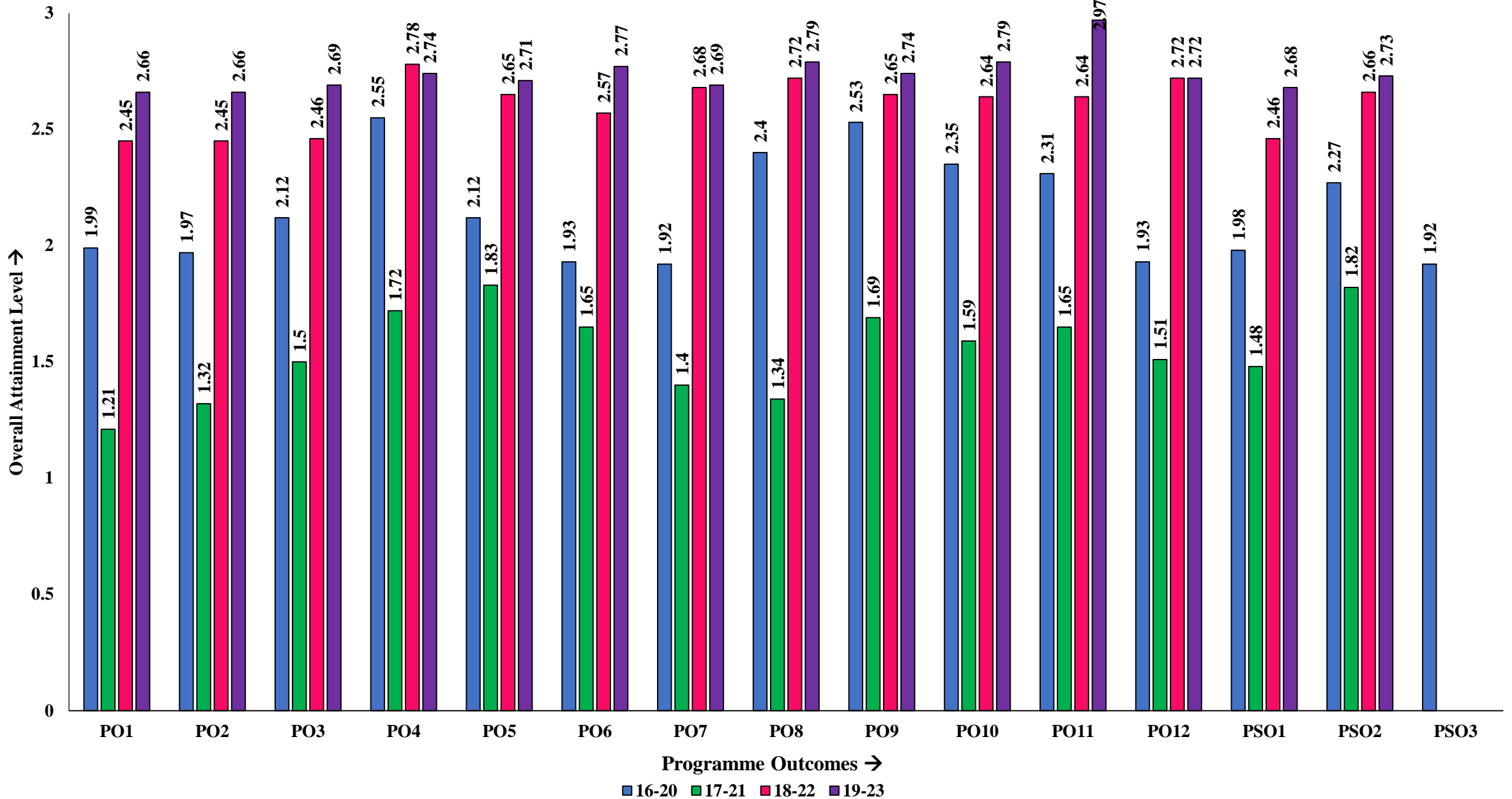
# CO, PO, PSO Attainment

2019 – 2023 Batch

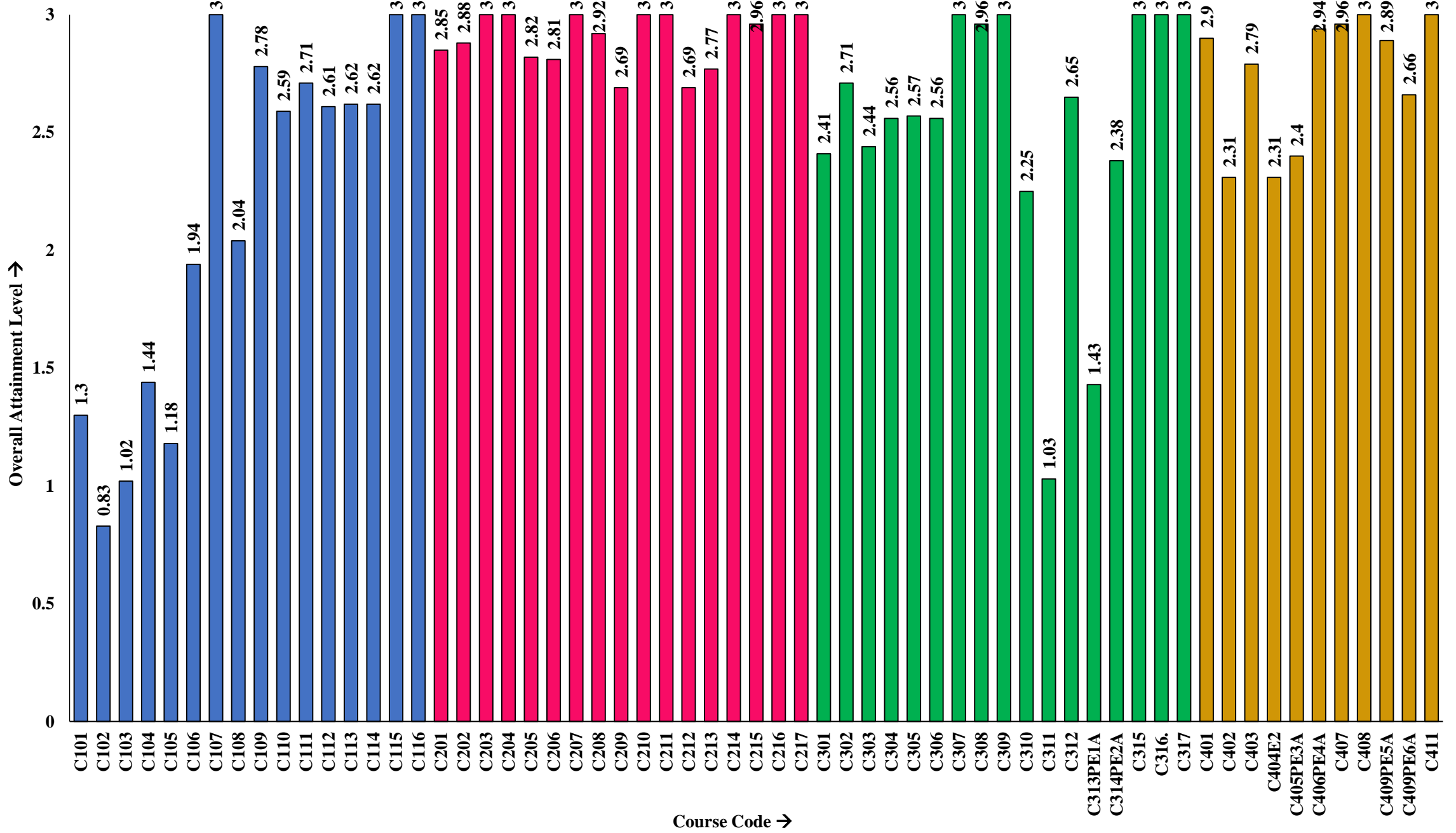
**Graph – PO, PSO ATTAINMENT 2019-2023 BATCH (Mapped without Weightage)**



**Graph – PO, PSO ATTAINMENT 2016-2020, 2017-2021, 2018-2022 and 2019-2023 BATCH Comparison (Mapped without Weightage)**

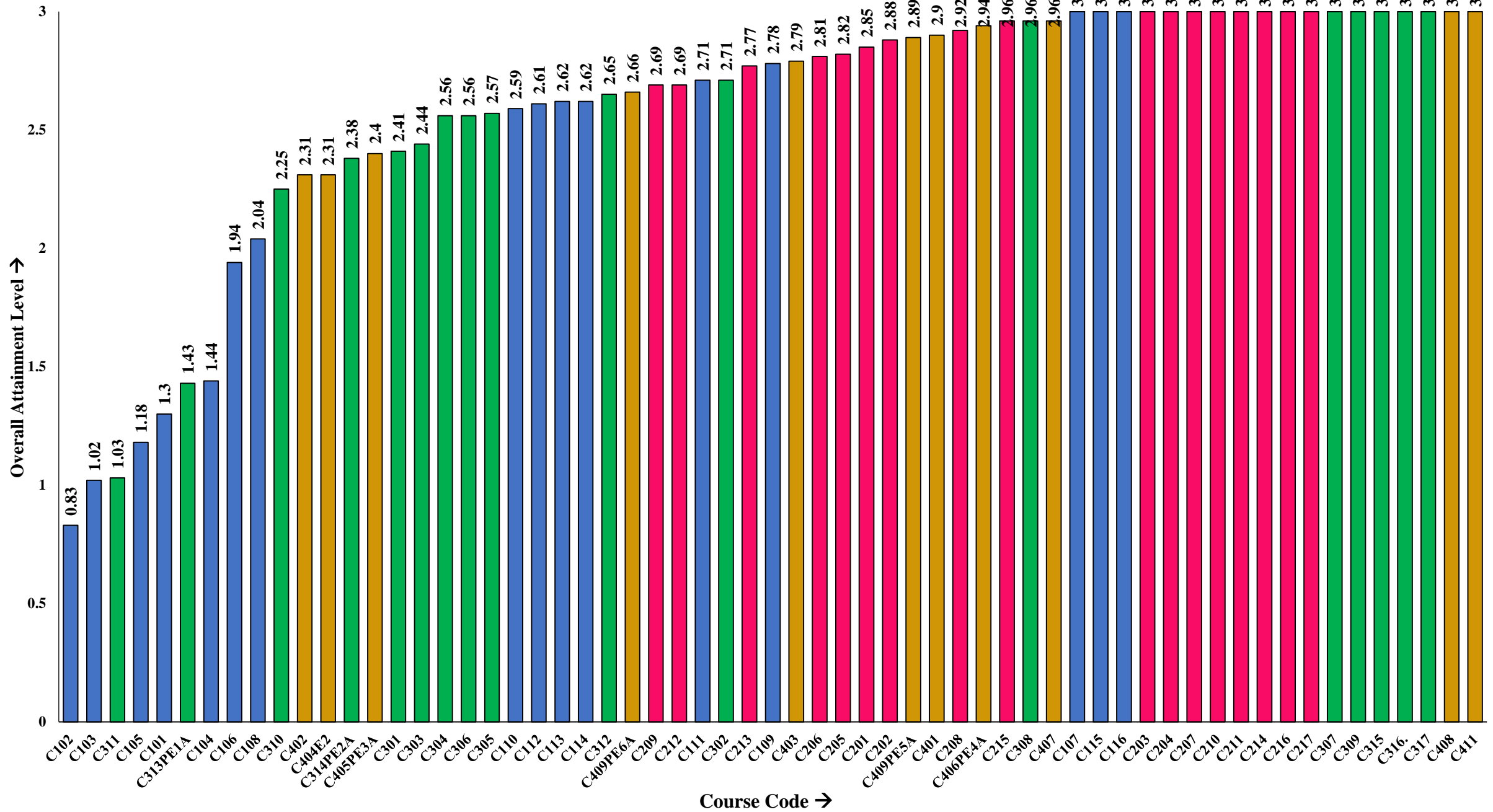


Graph – CO ATTAINMENT 2019-2023 BATCH

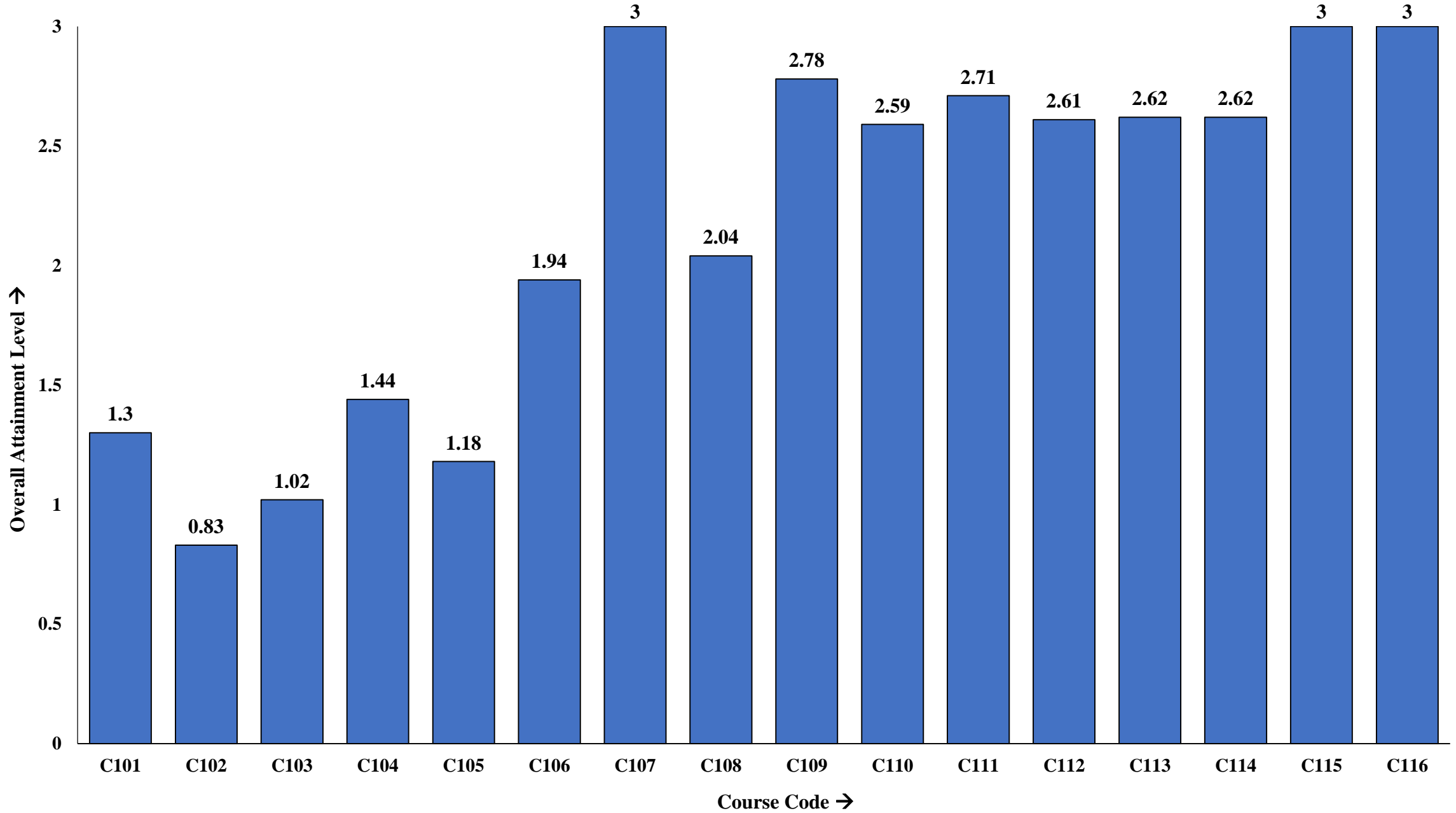




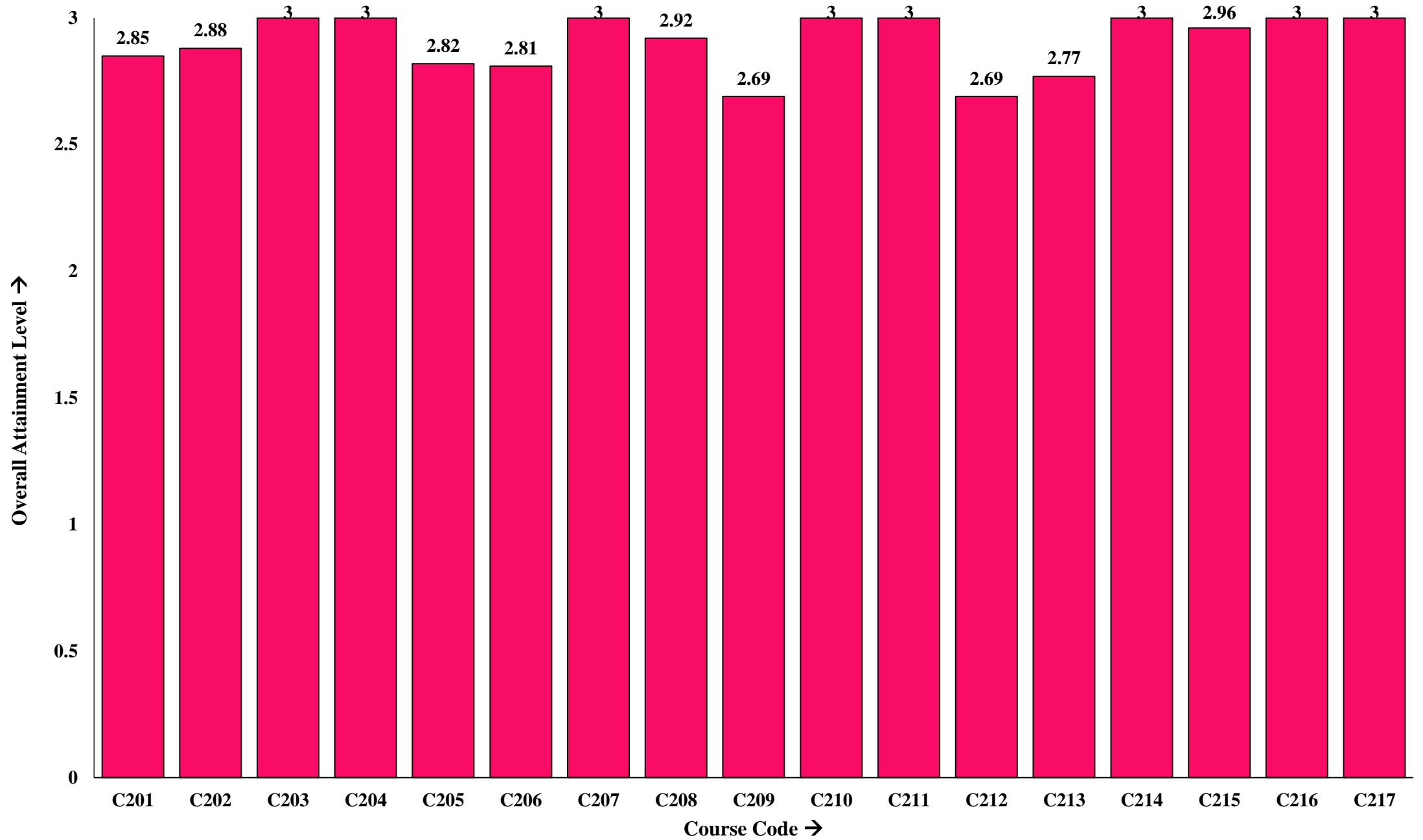
**Graph – CO ATTAINMENT 2019-2023 BATCH (Ascending)**



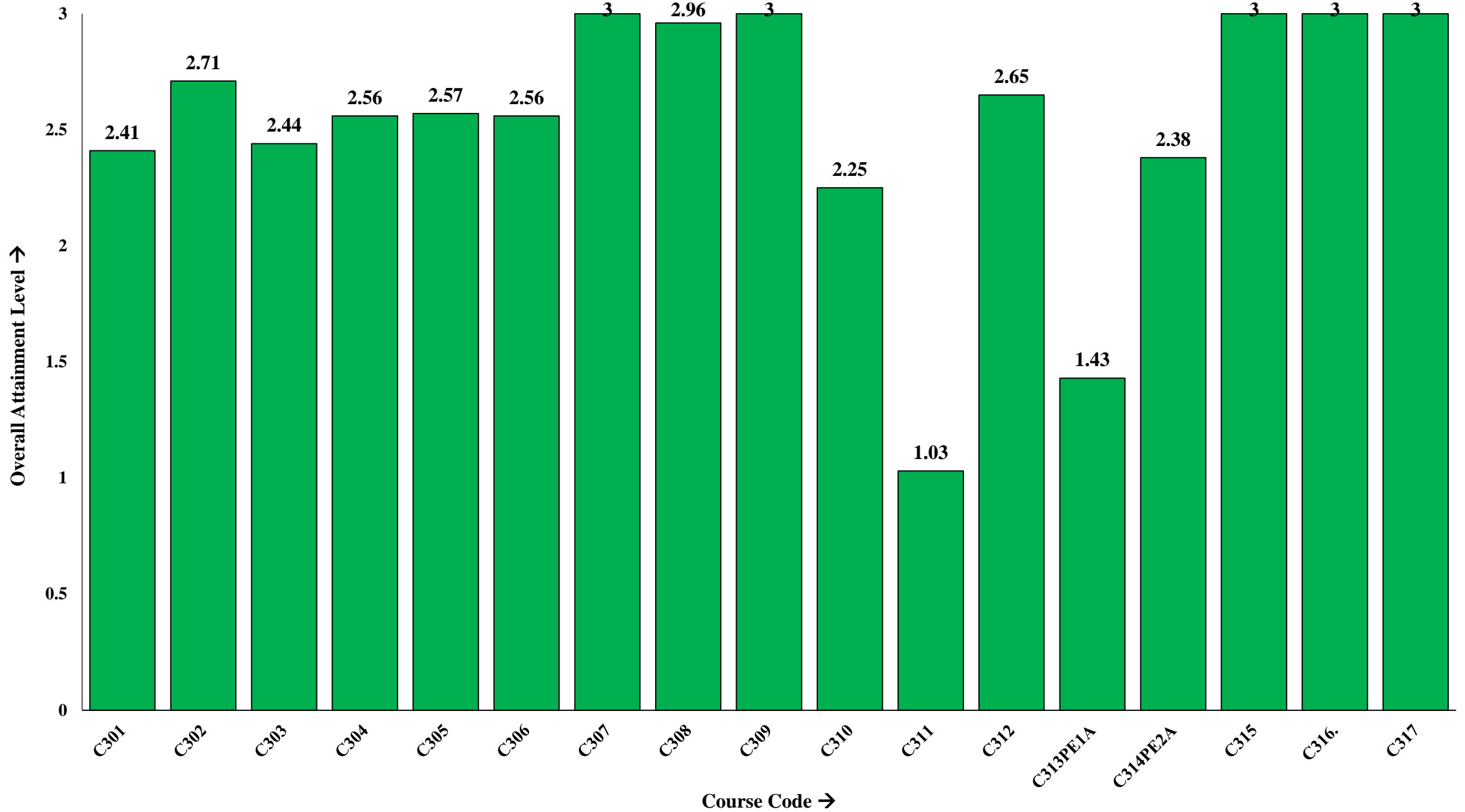
**Graph – CO ATTAINMENT 2019-2023 BATCH (Year wise - 1<sup>st</sup> Year – 2019-2020)**



**Graph – CO ATTAINMENT 2019-2023 BATCH (Year wise – 2<sup>nd</sup> Year – 2020-2021)**



**Graph – CO ATTAINMENT 2019-2023 BATCH (Year wise – 3<sup>rd</sup> Year – 2021-2022)**



**Graph – CO ATTAINMENT 2019-2023 BATCH (Year wise – 4<sup>th</sup> Year – 2022-2023)**

