

**CO ATTAINMENTS****Batch :2019-2023**

S.No	Name of Course	sub code	Internal	University	CO-feedback	Overall attainment	course target	Attainment Status
1	Algebra & Calculus	C111	3	3	2.65	2.93	2.42	Attained
2	Applied Physics	C112	3	3	2.52	2.9	1.92	Attained
3	Problem Solving & Programming	C113	3	3	2.53	2.85	1.95	Attained
4	Communicative English I	C114	2.88	3	2.42	2.88	2.53	Attained
5	Electrical & Electronics Engineering workshop	C115	2	3	2.54	2.71	2.37	Attained
6	Applied Physics Lab	C116	3	3	2.67	2.93	2.11	Attained
7	Problem Solving & Programming Lab	C117	3	3	2.61	2.92	1.29	Attained
8	Communicative English I Lab	C118	1	2	2.58	1.92	1.8	Attained
9	Basic Civil & Mechanical Engineering	C121	3	2	2.33	2.27	1.96	Attained
10	Differential Equations and Vector calculus	C122	3	3	2.69	2.94	2.42	Attained
11	Chemistry	C123	3	3	2.52	2.9	2.1	Attained

12	Data Structures	C124	2.2	1	2.69	1.57	1.8	Not Attained
13	Engineering Workshop	C125	1	2	2.45	1.89	1.67	Attained
14	Engineering Graphics Lab	C126	1	3	2.6	2.52	1.7	Attained
15	Basic Civil & Mechanical Engineering lab	C127	2.3	2	2.68	2.2	1.47	Attained
16	Chemistry Lab	C128	1	1	2.56	1.31	2.5	Not Attained
17	Data Structures Lab	C129	1	3	2.5	2.5	1.8	Attained
18	Complex Variables & Transforms	C211	2.88	2	2.3	2.47	1.95	Attained
19	Basic Electrical Circuits	C212	3	3	2.38	2.88	1.95	Attained
20	Power System Architecture	C213	2.76	3	2.44	2.83	1.95	Attained
21	DC Machines & Transformers	C214	2.81	1	2.44	1.72	1.95	Not ATTAINED


22	Semiconductor Devices and Circuits	C215	2.33	3	2.52	2.74	1.95	Attained
23	Digital Electronics and Logic Design	C216	2.64	2	2.51	2.26	1.95	Attained
24	DC Machines & Transformers Lab	C217	3	3	2.48	2.9	2.55	Attained
25	Semiconductor Devices and Circuits lab	C218	2.75	2	2.45	2.27	2.4	Not Attained
26	Basic Electrical Circuits Lab	C219	1.62	3	2.73	2.62	2.4	Attained
27	Biology For Engineers	C2110	2.83		2.73	2.81	1.94	Attained
28	Numerical Methods & Probability Theory	C221	2.75	3	2.03	2.75	2.04	Attained
29	Electrical Circuit Analysis	C222	3	2	2.03	2.25	1.95	Attained
30	Engineering Electromagnetics	C223	2.75	1	2.04	1.64	1.95	Not ATTAINED

31	Power Electronics	C224	2.67	3	2.03	2.64	1.95	Attained
32	Analog Electronic Circuits	C225	2.67	2	2.29	2.22	1.95	Attained
33	Python Programming	C226	2.58	2	2.8	2.3	1.95	Attained
34	Universal Human Values	C227	2.83		2.11	2.69	1.95	Attained
35	Electrical Circuit Analysis Lab	C228	1.92	3	2.09	2.56	2.4	Attained
36	Electronic Circuits Lab	C229	3	3	2.06	2.81	2.5	Attained
37	Environmental Science	C2210	2.83		2.11	2.69	1.95	Attained
38	AC Machines	C311	2.58	2	2.5	2.24	1.95	Attained
39	Control Systems	C312	2.74	3	2.62	2.86	1.95	Attained
40	English Language Skills	C313	3	3	2.8	2.96	2.25	Attained
41	Electrical Machine Design	C314	2.96	3	2.89	2.97	0	Attained
42	DC DRIVES	C315	3	3	2.55	2.91	1.95	Attained
43	Introduction to Hybrid and Electric Vehicles	C316	2.83	2	2.54	2.31	1.8	Attained
44	AC Machines Lab	C317	3	3	2.53	2.91	2.55	Attained

45	English Language Skills Lab	C318	2.46	3	2.72	2.81	2.55	Attained
46	Power Electronics & Simulation Lab	C319	2	3	2.49	2.66	2.4	Attained
47	Socially Relevant Project	C3110	2		2.51	2.09	1.95	Attained
48	Research Methodology	C3111	2.78		2.5	2.72	1.95	Attained
49	Signals & Systems	C321	2.31	3	2.43	2.72	1.95	Attained
50	Digital Computer Platforms	C322	2.65	3	2.44	2.81	1.8	Attained
51	Power System Analysis	C323	2.92	3	2.43	2.87	1.8	Attained
52	Power Quality	C324	2.92	3	2.45	2.87	1.8	Attained
53	Data Science	C325	2.79	3	2.63	2.88	1.95	Attained
54	Managerial Economics And Financial Analysis	C326	2.83	3	2.66	2.89	2.1	Attained
55	Control Systems & Simulation Lab	C327	2.68	3	2.48	2.82	2.4	Attained
56	Digital Computer Platforms Lab	C328	3.25	2	2.44	2.39	1.95	Attained
57	Socially Relevant Project	C329	2		2.51	2.09	1.95	Attained

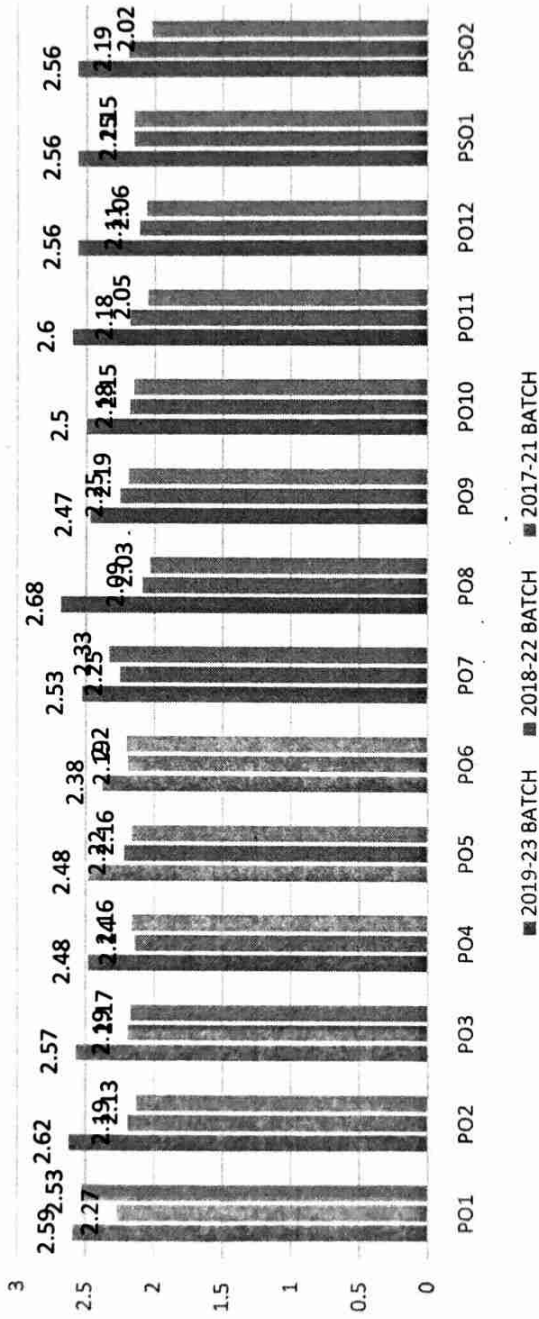
58	Constitution of India	C3210			2.4				
			2.65			2.65	1.95	Attained	
59	Comprehensive online examination	C3211			2.46				
				3		2.89	1.95	Attained	
60	Measurements & Sensors	C411			2.6				
			2.67	3		2.84	1.95	Attained	
61	Power System Protection	C412			2.63				
			1.5	3		2.57	2.22	Attained	
62	Power System Operation & Control	C413			2.62				
			2.89	3		2.9	1.95	Attained	
63	Principles of Digital Signal Processing	C414			2.73				
			2.68	3		2.87	1.8	Attained	
64	Management Science	C415			2.98				
			2.92	3		2.94	2.1	Attained	
65	Power Systems & Simulation Lab	C416			2.73				
			2.5	1		1.71	2.1	Not ATTAINED	
66	Measurements Lab	C417			2.68				
			2	3		2.7	2.4	Attained	
67	Industrial Training/Skill Development/Research Project*	C418			2.51				
				2		2.09	1.95	Attained	
68	Electrical Distribution System Automation	C421			2.73				
			2.92	3		2.9	1.95	Attained	
69	Electronic Instrumentation	C422			2.87				
			2.96	3		2.9	1.95	Attained	
70	Project	C423			2.42				
			2.52			2.53	2.21	Attained	


Co-Ordinator


10/11/23
HoD



Attainments Batch wise



Overall Attainment	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
2019-23	2.59	2.62	2.57	2.48	2.48	2.38	2.53	2.68	2.47	2.50	2.60	2.56	2.56	2.56
2018-22	2.27	2.19	2.19	2.14	2.22	2.19	2.25	2.09	2.25	2.18	2.18	2.11	2.15	2.19
2017-21	2.53	2.13	2.17	2.16	2.16	2.20	2.33	2.03	2.19	2.15	2.05	2.06	2.15	2.02

Coordinator

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HoD



Batch: 19-23 batch

Overall PO and PSO Attainment Status

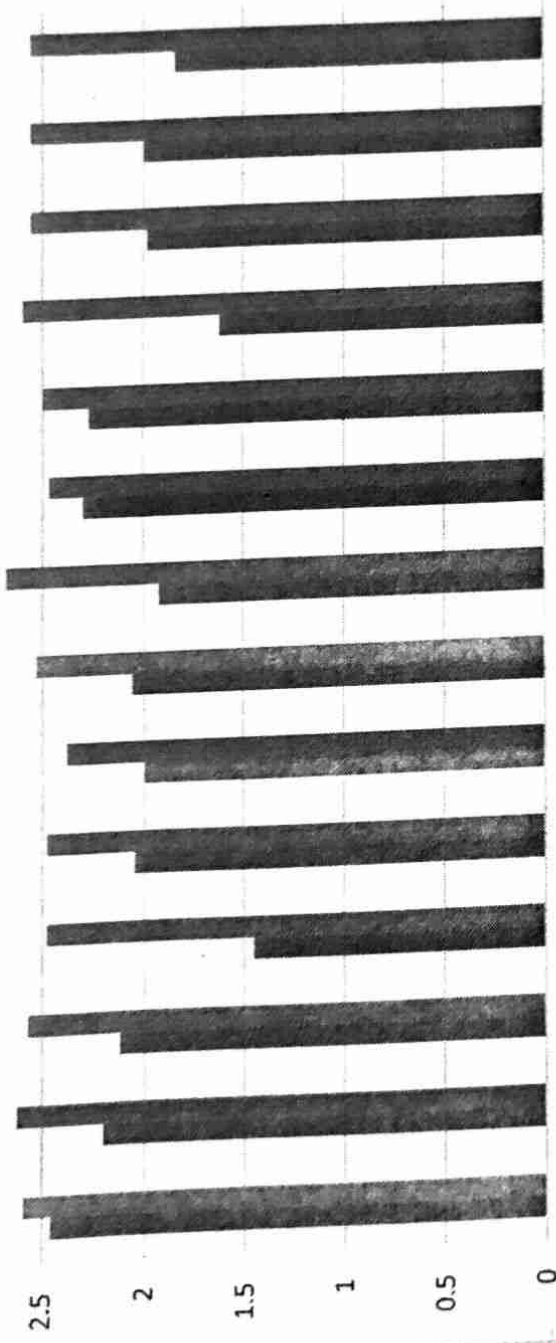
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
Direct Attainment	2.55	2.59	2.55	2.42	2.44	2.28	2.47	2.67	2.43	2.44	2.54	2.52	2.52	2.51
STUDENT Exit Survey	2.88	2.91	2.86	2.94	2.82	2.88	2.94	2.91	2.82	2.83	2.85	2.91	2.88	2.89
ALUMNI Survey	2.71	2.67	2.62	2.57	2.62	2.67	2.67	2.62	2.62	2.67	2.67	2.71	2.62	2.67
INDUSTRY Survey	2.5	2.5	2.33	2.5	2.33	2.67	2.5	2.5	2.33	2.67	3	2.33	2.5	2.67
Overall Attainment	2.59	2.62	2.57	2.48	2.48	2.38	2.53	2.68	2.47	2.50	2.60	2.56	2.56	2.56
Mapping average	2.73	2.44	2.35	1.61	2.28	2.22	2.29	2.13	2.56	2.52	1.8	2.2	2.22	2.04
Target	2.46	2.20	2.12	1.45	2.05	2.00	2.06	1.92	2.30	2.27	1.62	1.98	2.00	1.84
Attainment Status	A	A	A	A	A	A	A	A	A	A	A	A	A	A

Overall Attainment =80% of Direct Attainment+10% of Student exit survey +5% of Alumni survey+5% of Industry Survey
Target = 90% of Mapping Average.


Coordinator


HoD

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PO1 PO2 PO3 PO4 PO5 PO6 PO7 PO8 PO9 PO10 PO11 PO12 PS01 PS02

■ Target ■ Attainment-2019-23 Batch