

Co-Po mapping

S. No	Course Code	Course Name	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
1	C101	Calculus and ordinary differential equations	3	2										
2	C102	Applied Physics	3	2										
3	C103	Programming for Problem Solving Using C	3	2										
4	C104	Engineering Drawing	2	3										
5	C105	English						1				3		
5	C106	Soft Skills Course-I								2		3		1
7	C107	Constitution of India						2		2	1			1
8	C108	Applied Physics Lab	3	2		3				2	2.5	2		
9	C109	Programming for Problem Solving Using C Lab	3	2		3				2	3	2		
10	C110	English Lab					2			2	2.5	2.5		
11	C111	Linear algebra and Numerical methods	3	2										
12	C112	Applied Chemistry	3	2					1					
13	C113	Electrical Circuit Analysis - I	3	2										
14	C114	Basic Electronic Devices and Circuits	3	2.6										
15	C115	Python Programming	3	2										
16	C116	Soft Skills Course-II								2		3		1
17	C117	Environmental Science	3					2	3	1				
18	C118	Applied Chemistry Lab	2	2		2				2	2.5	2		
19	C119	Python Programming Lab	3	2		3				2	3	2		
20	C120	Electrical Engineering Workshop	2			3				2	3	2		
21	C201	Digital Electronics	3	2										
22	C202	Electrical Circuit Analysis - II	2	3										
23	C203	DC Machines and Transformers	2	3										
24	C204	Electro Magnetic Fields	2	3										
25	C205	Power Systems - I	2	3										
26	C206	Electronics Engineering Lab	2			3				2	3	2		

27	C207	Electrical Circuits Lab	2			3				2	3	2		
28	C208	DC Machines and Transformers Lab	2			3				2	3	2		
29	C209	Skill Oriented Course-I (C Programming)	2.5	2.5			3				3	2		2.5
29	C210	Vector Calculus, Transforms and PDE	3	2										
31	C211	Managerial Economics and Financial Analysis									2	2	3	2
32	C212	Essence of Indian Traditional Knowledge						1	2	2	2		2	2
33	C213	Electrical Measurements and Instrumentation	2	3										
34	C214	Induction and Synchronous Machines	2	3										
35	C215	Control Systems	2	3										
36	C216	Induction and Synchronous Machines Lab	2			3				2	3	2		
37	C217	Electrical Measurements & Instrumentation Lab	2			3				2	3	2		
38	C218	Control Systems Lab	2			3				2	3	2		
39	C219	Skill Oriented Course-II (PYTHON PROGRAMMING)	2.5	2.5			3				3	2		2.5
40	C301	Professional Ethics & Universal Human Values							2	3	2			1
41	C302	Power Electronics	2	3										
42	C303	Power Systems-II	2	3										
43	C304	Power System Analysis	2	3										
44	C305	Professional Elective – I: Utilization of Electrical Energy	2	3										
45	C306	Open Elective – I: Waste Water treatment & Recycling	3					2	3					2
46	C307	Power Electronics Lab	2			3				2	3	2		
47	C308	Electrical Simulation Lab	2			3				2	3	2		
48	C309	Community Service Project	3				3	3	3			3	2	
49	C310	Summer Internship-1	3	2			3	3	3	3	3	3		3
50	C311	Skill Oriented Course-III (EMPLOYABILITY SKILLS)	3					2		3		3		3

51	C312	Linear IC Applications	2	3										
52	C313	Microprocessors and Microcontrollers	2.4	3	2									
53	C314	Renewable Energy Systems	2	3										
54	C315	Professional Elective – II: Switchgear & Protection	2	3										
55	C316	Open Elective – II: Air Pollution and Control	3					2	3					2
56	C317	Linear IC Applications Laboratory	2			3				2	3	2		
57	C318	Microprocessors & Microcontrollers Laboratory	2			3				2	3	2		
58	C319	Power Systems& Simulation Laboratory	2			3				2	3	2		
59	C320	Skill Oriented Course-IV (IOT Fundamentals - Connecting Things)	3		3		3				3	2		2.5
60	C401	Professional Elective – III: Electric Drives	2	3										
61	C402	Professional Elective – IV: FACTS	2	3										
62	C403	Professional Elective –V: Economic Operations and Control of Power Systems	2	3										
63	C404	Open Elective – III: Digital IC Applications	2	2.6										
64	C405	Open Elective – IV: Innovation and Entrepreneurship		3									3	
65	C406	Management & Organizational Behavior									3	2	1	2
66	C407	Summer Internship-II	3	2			3	3	3	3	3	3		3
67	C408	Skill Oriented Course-V (IOT Fundamentals - Big Data & Analytics)	2		3		3				3	2		2.5
68	C409	Project Work, Seminar and Internship in Industry	3	3	3	3	3	3	3	3	3	3	3	3
AVERAGE			2.4	2.6	2.7	2.9	2.9	2.2	2.6	2.15	2.75	2.3	2.3	2.1
PERCENTAGE			79.9	86	89	98	96	73	87	71.6	91.7	76	78	71