

Nagar Yuwak Shikshan Sanstha's Yeshwantrao Chavan College of Engineering (An Autonomous Institution affiliated to Rashtrasant Tukadoji Maharaj Nagpur University) Hingna Road, Wanadongri, Nagpur - 441 110 NAAC Accredited with A++ Ph.: 07104-237919, 234623, 329249, 329250 Fax: 07104-232376, Website: www.ycce.edu DEPARTMENT OF ELECTRICAL ENGINEERING																																				
Our Vision To emerge as a leading center of learning to groom aspiring electrical engineers into successful professionals by providing contemporary education and intellectual rigor.																																				
Our Mission Attract top talent and mould them with right scholarship through quality education, innovation and research in an inclusive environment.																																				
SESSION 2022-23																																				
Summary Sheet Overall Attainment																																				
	PO1		PO2			PO3		PO4		PO5		PO6		PO7		PO8		PO9		PO10		PO11		PO12		PSO1		PSO2								
	A	T	A			T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T						
2022-23	1.91	2.67	1.74			2.47	1.67	2.32	1.45	2.10	1.54	2.14	1.35	1.90	1.47	2.03	1.31	1.72	1.62	2.07	1.53	1.93	1.66	2.11	1.69	2.20	1.57	2.24	1.52	2.12						
	71.63		70.58				72.11		68.93		71.84		71.07		72.34		76.43		78.24		79.23		78.65		76.98		69.81		71.86							
Direct Attainment																																				
S.N.	Sem	Course Code	Course Name	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2																			
1	I	22EL110/22EL111	Fundamentals of Electrical Engineering	2.05	0.68	0.68	0.68	0.68			0.68	0.68	0.68	0.68	0.68	0.68	0.68																			
2	I	22EL109	Electrical workshop	2.95	0.98	0.98							0.98		2.29	0.98																				
3	III	GE-2201	Engineering Mathematics-III	0.70	0.64																															
4	III	EL-2201	Analog Electronics	2.55	2.55	2.54	1.48	1.06			1.70	2.12	1.70	1.68	1.71		2.55																			
5	III	EL-2202	Lab: Electronics Engineering Workshop	1.82	1.36	2.12	2.27	2.72			0.91	2.50		2.72	2.72	2.72																				
6	III	EL-2203	Electrical Machines	0.38	0.38	0.38	0.23	0.23				0.31	0.31		0.31	0.21	0.29																			
7	III	EL-2204	Lab: Electrical Machines	2.44	2.44	2.44	1.55	1.55				1.77	1.77		1.77	1.77	2.66																			
8	III	EL-2205	Network Analysis	1.01	0.34	0.34	0.34	0.34			1.01	1.01	0.34		0.34	1.01	0.67																			
9	III	EL-2206	Lab: Computer Programming	0.57	0.57		0.57	1.71			0.57				1.71	0.57																				
10	III	EL-2207	Electrical Measurement and Instrumentation	1.38	1.38	0.92	0.92		0.92	0.92	0.46	0.92	0.92	0.92	0.92	0.92	0.92																			
11	III	EL-2208	Lab: Electrical Measurement & Instrumentation	2.81	2.95	1.87	1.87		1.87	1.87	0.94	1.87	1.87	1.87	1.87	1.87	1.87																			
12	IV	GE-2204	Advance Mathematical Techniques	1.63	1.63																															
13	IV	EL-2251	Electrical Machines in Power System	1.75	1.75	1.76	1.56	1.23							1.40	2.09																				
14	IV	EL-2252	Lab: Electrical Machines in Power System	2.32	2.32	2.30	2.07	1.62							1.85	2.77																				
15	IV	EL-2253	Electrical Energy Generation System	0.72	0.36	0.82	0.63	0.72	0.36	0.78					0.36	0.36																				
16	IV	EL-2254	Lab: Renewable Energy System	1.85	0.93	0.93	0.94		0.94	2.78		2.83			0.93	0.76																				
17	IV	EL-2255	Electric & Magnetic Fields	1.09	0.96	0.67	0.71	0.82	0.24	0.54	0.41	0.44		0.44	0.55	0.58	0.58																			
18	IV	EL-2256	Lab: Electrical Engineering Workshop	2.71	2.71	2.71			0.90	0.90	0.90	1.80			2.71	2.71																				
19	IV	EL-2257	Microprocessor	0.53	0.79	0.48	0.57	0.61			0.26	0.53	0.26		0.75	0.53	0.63																			
20	IV	EL-2258	Lab: Microprocessor	1.53	2.30	1.53	1.92	2.30			0.77	1.53	0.77		2.11	1.53	1.92																			
21	IV	EL-2259	Signals & Systems	1.26	1.68	0.70	0.60								1.12	0.56																				
22	V	GE-2312	Fundamental of Economics	1.54						1.54					1.54	1.45																				
23	V	EL-2301	Power Electronics	1.41	1.08	0.54	0.80	0.94				0.47			0.94	1.13	0.83																			
24	V	EL-2302	Lab: Power Electronics	2.35	2.35	1.57	2.35	1.57				0.78			1.57	1.96	1.57																			
25	V	EL-2303	Fundamentals of Power System	0.91	0.70	0.61	0.77	0.30	0.30		0.30		0.30		0.91	0.91	0.40																			
26	V	EL-2304	Electrical Drives	2.32	1.71			0.87				1.00		0.97	2.32		1.42																			
27	V	EL-2305	Lab: Electrical Drives	2.42	2.42			1.34				1.08		1.34	2.42		1.61																			
28	VI	GE-2311	Fundamental of Management									2.00		2.00	2.00																					
29	VI	EL-2351/EL-2352	Control System	1.39	1.39	0.67	0.93	1.28	0.21			0.93	0.46		0.67	0.93	1.03																			
30	VI	EL-2353	Power System Analysis	1.43	1.28	0.96	0.96	0.40								1.43	0.96																			
31	VI	EL-2354	Lab: Simulation of Power Electronics & Power System	1.72	1.72	0.86	0.86	2.58								0.86	0.86																			
32	VI	EL-2355	Lab: Substation Design	2.67	2.23	2.45	1.34		1.11	0.89	0.89	0.89	2.23		1.78	1.78	0.89																			
33	VI	EL-2361	PE-I :- Advanced Power Electronics	1.20	0.77	0.77	0.40	0.37				0.40			0.40	0.67	0.37																			
34	VI	EL-2362	PE-I :- Electrical Distribution in Power System	0.95	0.87	1.01	0.93	1.19	0.73		0.37		0.43		0.37	0.72																				
35	VI	EL-2363	PE-I :- Illumination Engineering(MOOC)	2.22	2.24	2.63	1.72	2.86	1.88					2.23	2.38	2.93	2.46	2.05																		
36	VI	EL-2364	PE-I :- Electric Vehicles	2.01	2.01	2.01	1.43	0.67	1.70	0.98					1.34	1.61	1.74																			
37	VI	EL-2365	PE-I :- Electrical Power Utilization	1.08	0.77	1.09								0.74	0.77		0.77																			
38	VI	EL2360	Industry Visit and its report	2.67	2.23	2.45	1.34		1.11	0.89	0.89	0.89	2.23		1.78	1.78	0.89																			
39	VII	EL-2401	Switchgear & Protection	0.44	0.55	0.37	0.19		0.12	0.24	0.35	0.35	0.18		0.16	0.21	0.41	0.33																		
40	VII	EL-2402	Lab: Switchgear and Protection	1.54	2.05	1.35	0.77		0.51	0.77	1.28	1.35	0.77	0.58	0.77	1.54	1.54																			
41	VII	EL-2403	High Voltage Engineering	1.76	1.76	1.37	1.03							0.59	1.07	1.17	1.17																			
42	VII	EL-2404	Lab: High Voltage Engineering	2.80	2.80	2.10	1.63							0.93	1.63	1.87	1.87																			
43	VII	EL-2411	PE II :- Fundamentals of Power Quality	0.89	0.54	0.52										0.49	0.27																			
44	VII	EL-2412	PE II :- Electrical Installation Design	2.07	2.07	2.07	1.38	1.38	0.69	2.07				1.38	2.07	1.38	1.38																			
45	VII	EL-2413	PE II :- Electrical Machine Design	0.85	0.56	0.47	0.47	0.47	0.56	0.28	0.28	0.28	0.28	0.00	0.85	0.85	0.28																			
46	VII	EL-2421	PE II :- Power System Operation and Control	2.41	1.37	1.37									1.68	1.68																				
47	VII	EL-2422	PE III :- FACTS Devices																																	
48	VII	EL-2423	PE III :- Electrical Energy Management and Audit	1.71	1.71	1.71	1.71				0.57				0.57		1.14																			
49	VII	EL-2424	PE III :- Advance Control System	1.30	0.90	1.30	0.90	0.40			0.40				0.40	0.50	0.80																			
50	VII	EL-2425	PE III :- Artificial Intelligence Based System	0.89	0.97	1.00	0.65	0.58							0.60	0.32																				

[illegible]