

# BACHELOR IN ELECTRICAL ENGINEERING

Year :II

Part : I

Teaching Schedule								Examination Scheme						Total	Remark
S. N.	Course Code	Course Title	Credits	L	T	P	Total	Theory			Practical				
								Assessment Marks	Final		Assessment Marks	Final			
									Duration hours	Marks		Duration hours	Marks		
1	SH 201	Engineering Mathematics III	3	3	2	-	5	40	3	60	-	-	-	100	
2	EE 201	Instrumentation and Measurement	3	3	1	1.5	5.5	40	3	60	25	-	-	125	
3	EE 202	Electrical Machine I	3	3	1	1.5	5.5	40	3	60	25	-	-	125	
4	EE 203	Electrical Engineering Material	3	3	1	-	4	40	3	60	-	-	-	100	
5	EE 205	Power System Analysis I	3	3	1	-	4	40	3	60	-	-	-	100	
6	EX 203	Logic circuit	3	3	1	1.5	5.5	40	3	60	25	-	-	125	
Total			18	18	7	4.5	29.5	240	-	360	75	-	-	675	

Year :II

Part : II

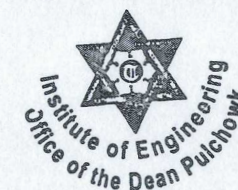
Teaching Schedule								Examination Scheme						Total	Remark
S. N.	Course Code	Course Title	Credits	L	T	P	Total	Theory			Practical				
								Assessment Marks	Final		Assessment Marks	Final			
									Duration hours	Marks		Duration hours	Marks		
1	SH 251	Communication English	3	3	-	1	4	40	3	60	25	-	-	125	
2	SH 253	Numerical Methods	3	3	1	3	7	40	3	60	50	-	-	150	
3	SH 252	Probability and Statistics	3	3	1	-	4	40	3	60	-	-	-	100	
4	EX 251	Microprocessors and Microcontrollers	3	3	1	3	7	40	3	60	50	-	-	150	
5	EE 251	Control System	3	3	1	1.5	5.5	40	3	60	25	-	-	125	
6	EE 252	Power System Analysis II	3	3	1	1.5	5.5	40	3	60	25	-	-	125	
7	EE 253	Electric Machine II	3	3	1	1.5	5.5	20	3	30	25	-	-	75	
Total			21	21	6	16.5	38.5	260	-	390	200	-	-	850	

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प्रादेशिक परिषद्को कार्यालय  
काठमाडौं

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Institute of Engineering  
Office of the Dean Pulchowk



# BACHELOR IN ELECTRICAL ENGINEERING

Year: III

Part : I

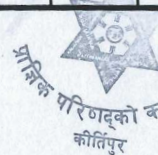
Teaching Schedule								Examination Scheme						Total	Remark
S. N.	Course Code	Course Title	Credits	L	T	P	Total	Theory			Practical				
								Assessment Marks	Final		Assessment Marks	Final			
									Duration hours	Marks		Duration hours	Marks		
1	EX 304	Digital Signal Processing and Application	3	3	1	1.5	5.5	40	3	60	25	-	-	125	
2	ME 310	Engineering Thermodynamics and Heat Transfer	3	3	1	1.5	5.5	40	3	60	25	-	-	125	
3	EE 301	Project Engineering and Management	3	3	1	-	4	40	3	60	-	-	-	100	
4	EE 302	Power Electronics	3	3	1	1.5	5.5	40	3	60	25	-	-	125	
5	EE 304	Digital Control System	3	3	1	1.5	5.5	40	3	60	25	-	-	125	
6	EE 305	Switchgear and Protection	4	4	1	1.5	6.5	40	3	60	25	-	-	125	
7	EE 306	Electric Machine Design	3	3	-	3	6	40	3	60	50	-	-	150	
Total			22	22	6	16.5	38.5	280	-	420	175	-	-	875	

Year: III

Part : II

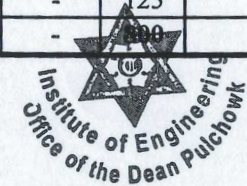
Teaching Schedule								Examination Scheme						Total	Remark
S. N.	Course Code	Course Title	Credits	L	T	P	Total	Theory			Practical				
								Assessment Marks	Final		Assessment Marks	Final			
									Duration hours	Marks		Duration hours	Marks		
1	CE 356	Engineering Economics	3	3	1	-	4	40	3	60	-	-	-	100	
2	EE 351	Industrial Instrumentation and Automation	3	3	1	3	7	40	3	60	50	-	-	150	
3	EE 352	Industrial Electrification	3	3	1	2	6	40	3	60	25	-	-	125	
4	EE 353	Electrical Drives	3	3	1	1.5	5.5	40	3	60	25	-	-	125	
5	EE 354	Electric Power Distribution System	3	3	1	2	6	40	3	60	25	-	-	125	
6	EE 355	Minor Project	1	-	-	-	-	-	-	-	50	-	-	50	
7	EE 365	Elective I	3	3	2	1	6	40	3	60	25	-	-	125	
Total			19	18	7	16.5	34.5	240	-	360	200	-	-	800	

*Boob*



*Amal Kumar*

*John*





**BACHELOR  
IN  
ELECTRICAL ENGINEERING**

Year: IV

Part : I

Teaching Schedule								Examination Scheme						Total	Remarks
S. N.	Course Code	Course Title	Credits	L	T	P	Total	Theory			Practical				
								Assessment Marks	Final		Assessment Marks	Final			
									Duration hours	Marks		Duration hours	Marks		
1	EE 411	Power Plant Engineering	4	4	1	3	8	40	3	60	50	-	-	150	
2	EE 412	Power System Operation and Control	4	4	1	1.5	6.5	40	3	60	25	-	-	125	
3	EE 413	High Voltage Engineering	3	3	1	-	4	40	3	60	-	-	-	100	
4	EE 414	Transmission System Design	3	3	1	2	6	40	3	60	25	-	-	125	
5	EE 425	Elective II	3	3	2	1	6	40	3	60	25	-	-	125	
6	EE 435	Elective III	3	3	2	1	6	40	3	60	25	-	-	125	
7	EE 415	Project I	2	-	-	-	-	-	-	-	50	-	-	50	
Total			22	20	8	16.5	36.5	240	-	360	200	-	-	800	

Year: IV

Part : II

Teaching Schedule								Examination Scheme						Total	Remark
S. N.	Course Code	Course Title	Credits	L	T	P	Total	Theory			Practical				
								Assessment Marks	Final		Assessment Marks	Final			
									Duration hours	Marks		Duration hours	Marks		
1	EE 463	Engineering Profession and Society	3	3	-	-	3	40	1.5	60	-	-	-	100	
2	EE 462	Internship**	4	-	-	-	-	-	-	-	100	-	50	150	
3	EE 461	Project II	4	-	-	-	-	-	-	-	100	-	50	150	
Total			11	3	-	-	3	40	-	60	200	-	100	400	

\*\*10-weeks internship

*[Signature]*

