

Faculty of Science and Technology

Board of Studies in Electrical Engineering Curriculum structure of SE (EE/EEE/EPP)

PART-I

Sub Code	Semester-I	Contact Hrs./Week				Examination Scheme						Duration of The Theory Examination
	Subject	L	T	P	Total	CT	TH	TW	PR	Total	credits	
BSH/201	Engineering Mathematics -III	4	--	--	4	20	80	--	--	100	4	3 Hrs.
EED/202	Transformer and DC Machines	4	--	--	4	20	80	--	--	100	4	3 Hrs.
EED/203	Electrical Measuring Techniques	4	--	--	4	20	80	--	--	100	4	3 Hrs.
EED/204	Electrical Power Generation and Its Economics	4	--	--	4	20	80	--	--	100	4	3 Hrs.
	Elective - I	4	--	--	4	20	80	--	--	100	4	3 Hrs.
EED/221	Lab 1: Transformer and DC Machines	--	--	2	2	--	--	--	50	50	1	
EED/222	Lab 2: Electrical Measuring Techniques	--	--	2	2	--	--	--	50	50	1	
EED/223	Lab 3: Electrical Power Generation and Its Economics	--	--	2	2	--	--	50	--	50	1	
EED/224	Lab 4: Elective	--	--	2	2	--	--	--	50	50	1	
EED/225	Lab 6: Fundamentals of PLC	--	--	2	2	--	--	50	--	50	2	
	Total	20	--	10	30	100	400	100	150	750	26	

Elective –I:

Code	Subject
EED/205	Electrical Engineering Materials
EED/206	Electronics Device and Circuits
EED/207	Numerical Method Using MATLAB
EED/208	Signal and System

L:Lecture hours per week **T:**Tutorial hours per week

P:Practical hours per week

CT: Class Test, **TH:**University Theory Examination, **TW:** Term Work, **PR:** Practical/Oral Examination

PART – II

Sub Code	Semester-II	Contact Hrs./Week			Examination Scheme							Duration of The Theory Examination
	Subject	L	T	P	Total	CT	TH	TW	PR	Total	Credits	
BSH/252	Engineering Mathematics-IV	4	--	--	4	20	80	--	--	100	4	3 Hrs.
EED/253	AC Machines	4	--	--	4	20	80	--	--	100	4	3 Hrs.
EED/254	Network Analysis	4	--	--	4	20	80	--	--	100	4	3 Hrs.
EED/255	Electrical Power Transmission and Distribution	4	--	--	4	20	80	--	--	100	4	3 Hrs.
EED/256	Analog and Integrated Circuits	4	--	--	4	20	80	--	--	100	4	3 Hrs.
EED/271	Lab 6: AC Machines	--	--	2	2	--	--	--	50	50	1	
EED/272	Lab 7: Network Analysis	--	--	2	2	--	--	50	--	50	1	
EED/273	Lab 8: Electrical Power Transmission and Distribution	--	--	2	2	--	--	--	50	50	1	
EED/274	Lab 9: Analog and Integrated circuit	--	--	2	2	--	--	--	50	50	2	
BSH/275	Communication Skills- I	--	2	---	2	--	--	50		50	1	
	Total	20	2	8	30	100	400	100	150	750	26	
	Total of Semester I & II	40	2	18	60	200	800	200	300	1500	52	

