

Program Name: - Diploma Engineering (Electrical Engineering)
Semester :- III

Program Code: ET403
With Effect From AY 2023-24

Course Code	Course Name	Credit	Hours per week				Theory (Marks)				Practical(Marks)				Total (Marks)
			L	T	P	Total	University Assessment		Continuous Assessment		University Assessment		Continuous Assessment		
							Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	
2ET4030301	A.C Circuits	5	3	1	2	6	24	60	16	40	8	20	12	30	150
2ET4030302	D.C Machine and Transformer	6	4	0	4	8	24	60	16	40	16	40	24	60	200
2ET4030303	Generation and Transmission of Electrical Power	5	4	0	2	6	24	60	16	40	8	20	12	30	150
2ET4030304	Electronic components and Circuits	5	4	0	2	6	24	60	16	40	8	20	12	30	150
2ET4030305	Computer Aided Electrical Drawing, Drafting and Simulation	2	0	0	4	4	0	0	0	0	16	40	24	60	100
Total		23	15	1	14	30									750

L=Lecture, T=Tutorial, P=Practical

Note (if any):-

Program Name: - Diploma Engineering (Electrical Engineering)

Program Code: ET403

Semester :- IV

With Effect From:- AY 2023-24

Course Code	Course Name	Credit	Hours per week				Theory (Marks)				Practical(Marks)				Total (Marks)
			L	T	P	Total	University Assessment		Continuous Assessment		University Assessment		Continuous Assessment		
							Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	
2ET4030401	A.C Machines	6	4	0	4	8	24	60	16	40	16	40	24	60	200
2ET4030402	Distribution and Utilization of Electrical Power	4	3	0	2	5	24	60	16	40	8	20	12	30	150
2ET4030403	Electrical Wiring, Estimating, Costing and Contracting	4	3	0	2	5	24	60	16	40	8	20	12	30	150
2ET4030404	Digital Electronics & Digital Instruments	5	4	0	2	6	24	60	16	40	8	20	12	30	150
2ET4030405	Electrical Instrumentation	5	4	0	2	6	24	60	16	40	8	20	12	30	150
Total		24	18	0	12	30									800

L=Lecture, T=Tutorial, P=Practical

Note (if any):-

Program Name: - Diploma Engineering (Electrical Engineering)
Semester :- V

Program Code: ET403
With Effect From AY 2023-24

Course Code	Course Name	Credit	Hours per week				Theory (Marks)				Practical(Marks)				Total (Marks)
			L	T	P	Total	University Assessment		Continuous Assessment		University Assessment		Continuous Assessment		
							Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	
2ET4030501	Switchgear and Protection	5	4	0	2	6	24	60	16	40	8	20	12	30	150
2ET4030502	Energy Conservation & AUDIT	5	4	0	2	6	24	60	16	40	8	20	12	30	150
2ET4030503	Power Electronics	5	4	0	2	6	24	60	16	40	8	20	12	30	150
	Elective Subject -I	5	4	0	2	6	24	60	16	40	8	20	12	30	150
2ET4000501	Entrepreneurship and Start-ups	1	0	0	2	2	0	0	0	0	0	0	20	50	50
Total		21	16	0	10	26									650

Elective Subject-I (Any One)	
Course Code	Course Name
2ET4030504	Electric Traction And Control
2ET4030505	Maintenance of Transformer and Circuit breaker

L=Lecture, T=Tutorial, P=Practical

Note (if any):-

Program Name: - Diploma Engineering (Electrical Engineering)

Semester :- VI

Program Code: ET403

With Effect From AY 2023-24

Course Code	Course Name	Credit	Hours per week				Theory (Marks)				Practical(Marks)				Total (Marks)
			L	T	P	Total	University Assessment		Continuous Assessment		University Assessment		Continuous Assessment		
							Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	
2ET4030601	Electrical Installlation, Commissioning and Maintenance	5	4	0	2	6	24	60	16	40	8	20	12	30	150
2ET4030602	Electrification of Building Complexes	5	4	0	2	6	24	60	16	40	8	20	12	30	150
	Elective Subject -II	4	3	0	2	5	24	60	16	40	8	20	12	30	150
	Elective Subject - III	4	3	0	2	5	24	60	16	40	8	20	12	30	150
2ET4030607	Electrical Engineering Project	3	0	0	6	6	0	0	0	0	16	40	24	60	100
2ET4000610	Internship / Vocational Course*	2	0	0	4	4	0	0	0	0	0	0	40	100	100
Total		23	14	0	18	32									800

Elective Subject-II (Any One)

Course Code	Course Name
2ET4030603	Microprocessor and Controller Applications
2ET4030605	Power Station Engineering

Elective Subject-III(Any One)

Course Code	Course Name
2ET4030604	Solar and Wind Energy System
2ET4030606	Special Electrical Machines

L=Lecture, T=Tutorial, P=Practical

Note (if any):-

Note:- * Compulsory 3 Weeks Winter Internship / Vocational course.