

Sr. No.	Subject Name	Credit
1	Basic Mathematics	5
2	English	4
3	Engineering Physics	4
4	Introduction to Entrepreneurship	2.5
5	Electrical & Electronics workshop	3
6	Fundamentals of Electrical Engineering	4
7	Environment Conservation & Hazard Management	3
8	Advance Mathematics	5
9	Preparing Wider Horizon for Entrepreneurship	2.5
10	Basic Engineering Drawing	4
11	Basic Material Science & Metallurgy	4
12	Computer Application & Graphics	3

Second Year (Semester -3)

Sr. No.	Subject Name	Credit
1	DIGITAL ELECTRONICS	5
2	D C MACHINES AND TRANSFORMER	6
3	ELECTRICAL INSTRUMENTATION	5
4	ELECTRICAL POWER GENERATION	5
5	ELECTRONICS COMPONENTS AND CIRCUITS	5
6	Subject from School of IE	3

Second Year (Semester -4)		
Sr. No.	Subject Name	Credit
1	POLYPHASE TRANSFORMERS AND ROTATING AC MACHINES	6
2	TRANSMISSION AND DISTRIBUTION OF ELECTRICAL POWER	6
3	UTILIZATION OF ELECTRICAL ENERGY	5
4	AC CIRCUITS	5
5	COMPUTER AIDED ELECTRICAL DRAWING AND SIMULATION	4
6	Subject from School of IE	3
Third Year (Semester -5)		
Sr. No.	Subject Name	Credit
1	WIRING ESTIMATING, COSTING & CONTRACTING	3
2	ENERGY CONSERVATION & AUDIT	3
3	POWER ELECTRONICS	5
4	MICROPROCESSOR AND CONTROLLER APPLICATIONS	5
5	PROJECT-I	5
6	ELECTIVE-I (ANY ONE)	5
	WIND AND SOLAR ENERGY SYSTEMS	
	SPECIAL ELECTRICAL MACHINES	
	ELECTRIC TRACTION AND CONTROL	
7	Subject from School of IE	3
Third Year (Semester -6)		
Sr. No.	Subject Name	Credit
1	SWITCHGEAR & PROTECTION	5
2	INSTALLATION, COMMISSIONING AND MAINTENANCE	5
3	PROJECT-II	6
4	ELECTIVE-II (ONE SUBJECT FROM SAME GROUP AS PER SUBJECT SELECTED FROM ELECTIVE GROUP OF SEM 5)	5
5	ELECTIVE-III (ONE SUBJECT FROM SAME GROUP AS PER SUBJECT SELECTED FROM ELECTIVE GROUP OF SEM 5)	5
6	Subject from School of IE	3

ELECTIVE-II GROUP 1 (POWER)
SOLAR AND WIND SYSTEM
POWER SYSTEM OPERATION AND CONTROL
ELECTIVE-II GROUP 2 (INDUSTRIAL MACHINES AND DRIVES)
SPECIAL ELECTRICAL MACHINES
ELECTRICAL DRIVES