



Course Title:	Installation & Maintenance of Electrical Equipments		
Course Code:	DEE-601		
Program:	Diploma	Semester -VI	
Credits:	T-4	P-NIL	Total-4
Course Outcome			
1	Tools and mechanism required for electrical installation ,maintenance and repair works		
2	Installation of transmission and distribution line,telecommunication line and railway line.		
3	Inspection and handling of transformer,installation of distribution and power transformer		
4	Maintenance of transmission and distribution system and provision of safety fuse		
5	Transformer oil level and BDV test ,earth resistance measurement and testing electric installation		

Course Title:	Utilization of Electrical Energy & Traction		
Course Code:	DEE-602		
Program:	Diploma	Semester VI	
Credits:	T-4	P -2	Total- 06
Course Outcome			
1	Articulate different types of Electric Heating, welding and Illumination.		
2	Design Electric Traction and discuss specific energy consumptions.		
3	Able to figure-out the different schemes of traction schemes and its main component.		
4	Maintain various electrical appliances and drives used in industry and elsewhere.		
5	Able to identify the job/ higher education/ research opportunities in electric utilization industry.		

Course Title:	Electrical Drives-II		
Course Code:	DEE-603		
Program:	Diploma	Semester : VI	
Credits:	T-4	P-2	Total-6
Course Outcome			
1	Review of conventional methods & convertor control methods used in speed control of I.M.		
2	Various power recovery schemes in AC drives to improve the efficiency of the drives in industry		
3	Inverter and cycloconverter fed speed control technologies and their benefits.		
4	Analysis of special drives and digital control of drives used in modern technologies		
5	Practical analysis on drives involves in cement plant, textile plants, paper mills, CNC etc.		

Course Title:	Power System-II		
Course Code:	DEE-604		
Program:	Diploma	Semester- VI	
Credits:	T-4	P-2	Total-6
Course Outcome			
1	Become Familiar with the curricular structure of Transmission System		
2	Understand the quality requirements and quality testing procedures of selected Cables		
3	Awareness of General Structure of Power Distribution System		
4	Acquire knowledge about various types of Lines, String Efficiency, Design, accessories, Line Losses		
5	Acquire knowledge about various types of Conductors, Line Parameter and its Performances		

Course Title:	Major Project		
Course Code:	DEE-605		
Program:	Diploma	Semester-VI	
Credits:	T-Nil	P-10	Total-10
Course Outcome			
1	Manage the selection and initiation of individual projects with contemporary issues as their topics.		
2	Conduct project planning forecasting various factors like costs, timelines and quality.		
3	Demonstrate depth of knowledge through project execution and thesis.		
4	Demonstrate effective organizational leadership and skills for managing project.		
5	Demonstrate an ability to present and defend their project to a panel of experts.		

Course Title:	GD & Seminar		
Course Code:	DIP-606		
Program:	Diploma	Semester: VI	
Credits:	T-Nil	P-2	Total-2
Course Outcome			
1	Discussion with students regarding choice of topic from all subjects studied		
2	Literature survey, analyze the problems of selected subjects		
3	Preparing the report after literature survey		
4	Making the power point presentation of that topic		
5	Analysis of problems done with the help of hardware & software (which is made by student)		