



Course Title:	Electronic instrumentation and Measurement		
Course Code:	EET-601		
Program:	B.Tech.	Semester : VI	
Credits:	T-4	P-Nil	Total-4
Course Outcome			
1	To understand about Accuracy,Precision,Sensitivity & different types of meter.		
2	To known about CRO and different electronic components & their testing.		
3	To understand different types of bridges and non electrical quantities transducer.		
4	Basic knowledge about generator,analyzer and beat frequency oscillator.		
5	To understand about the Digital Instruments, types and their applications.		

Course Title:	Utilization of Electrical Power		
Course Code:	EET-602		
Program:	B.Tech	Semester - VI	
Credits:	T - 4	P - Nil	Total - 4
Course Outcome			
1	Method of electrical heating and electric welding		
2	Illumination process and calculation of lumens efficiency		
3	Application of electrolytic process and manufactures of chemicals		
4	Design of power supply for electric traction system		
5	Estimation of power and energy requirment and electric braking system		

Course Title:	Switchgear and protection		
Course Code:	EET-603		
Program:	B.Tech	Semester VI	
Credits:	T-4	P-2	Total-6
Course Outcome			
1	Upon completion of the course, students will have: Student will be able to Identify various types of faults in Power system and the analysis of such faults		
2	Ability to Maintain different types of protective relays in power system for primary and backup protection		
3	Maintain different types of circuit breakers in power system also knowledge of the fundamental components and arc quenching of an electrical power system		
4	Student will be able to Protect transformer, alternator, motor and busbar		
5	voltages		

Course Title:	Power Electronics		
Course Code:	EET-604		
Program:	BTech	Semester VI	
Credits:	T-4	P-2	Total-6
Course Outcome			

1	Advantages and application of power electronic devices characteristics, and their types.
2	Understanding the Operation and analysis of rectifiers for different loads.
3	To understand the Operation and analysis of invertors for different loads and waveforms.
4	Understanding the Operation and analysis of Chopper operation and types.
5	Analysis on the operation of cycloconvertors and various controllers, also their waveforms.

Course Title:	Microprocessors		
Course Code:	EET-605		
Program:	B.Tech	Semester : VI th	
Credits:	T-4	P-2	Total-6
Course Outcome			
1	Explain the working principle of Digital Computer and Microprocessor		
2	To understand basic architecture of 8085 microprocessor & Instruction Classification		
3	To understand basic architecture of 16 bit and 32 bit microprocessors		
4	To understand techniques of Programming,Assembler Level Programming & Other Microprocessor		
5	To understand concept of Peripheral Interfacing		

Course Title:	Professional Skills -III		
Course Code:	BT-606		
Program:	B.Tech.	Semester - VI	
Credits:	T - Nil	P - 02	Total - 02
Course Outcome			
1	Various skills involved in communication.		
2	Understanding group discussion, debates and various tricks for attractive participation.		
3	Introduction to various skills to give attractive presentation.		
4	Live Group discussion on the burning current issues.		
5	Live Presentaion and seminar for students to provide confidence.		

Course Title:	Research Methodology		
Course Code:	BT-607		
Program:	BTech	Semester VI	
Credits:	T-Nil	P-02	Total-02
Course Outcome			
1	To understand the objective and types of research.		
2	To understand basic idea or hypothesis of research.		
3	To know how research design processes are conducted.		
4	To know about how data is collected for analysing process.		
5	To understand the thesis writing.		

Course Title:	SQL		
Course Code:	BT-628		
Program:	B.Tech	Semester-VI	
Credits:	T-Nil	P-2	Total-2
Course Outcome			
1	Introduction of Types of DBMS		
2	Introduction of SQL Language and Its data types		
3	SQL operator & clauses		
4	Introduction of Various stored Procedures		
5	Introduction of Various Types of Triggers		