

# **CURRICULAM**

## **B.TECH THIRD SEMESTER**

<b>SI No</b>	<b>Subject Code</b>	<b>Subject Name</b>
1	EN 010 301 A	Engineering Mathematics II
2	EE 010 302	Economics & Communication Skills
3	EE 010 303	Electric Circuit Theory
4	EE 010 304	Electrical Measurements & Measuring Instruments
5	EE 010 305	Electronic Circuits
6	EE 010 306 (ME)	Mechanical Technology

## **B.TECHFOURTH SEMESTER**

<b>SI No</b>	<b>Subject Code</b>	<b>Subject Name</b>
1	EN 010 401	Engineering Mathematics III
2	EE 010 402	DC Machines & Transformers
3	EE 010 403	Linear System Analysis
4	EE 010 404	Electromagnetic Theory
5	EE 010 405	Digital System & Computer Organisation
6	EE 010 406	Computer Programming

**B.TECH FIFTH SEMESTER**

SI No	Subject Code	Subject Name
1	EN 010 501 A	Engineering Mathematics IV
2	EN 010 502 (ME)	Principles of Management
3	EE 010 503	Signals & Systems
4	EE 010 504	Power Electronics
5	EE 010 505	Linear Integrated Circuits
6	EE 010 506	Microprocessors & Applications

**B.TECH SIXTH SEMESTER**

SI No	Subject Code	Subject Name
1	EE 010 601	Power Generation & Distribution
2	EE 010 602	Induction Machines
3	EE 010 603	Control Systems
4	EE 010 604	Digital Signal Processing
5	EE 010 605	Microcontrollers & Embedded Systems
	<u>Elective I</u>	
	EE 010 606 L01	High Voltage Engineering
	EE010606L02	VLSI Systems
6	EE010606L03	Artificial Neural Networks
	EE010606L04	Object Oriented Programming
	EE010606L05	Biomedical Engineering
	EE010606L06	Renewable Energy Resources

## **B.TECHSEVENTH SEMESTER**

<b>Sl.No</b>	<b>Subject Code</b>	<b>Subject Name</b>
1	EE 010 701	Electrical Power Transmission
2	EE 010 702	Synchronous Machines
3	EE 010 703	Dirves & Control
4	EE 010 704	Modern Control Theory
5	EE 010 705	Communication Engineering
6	<u>Elective II</u>	
	EE010 706L01	HVDC Transmission
	EE010 706L02	Industrial Instrumentation
	EE010 706L03	Power Quality
	EE010 706L04	PLC Based systems
	EE010 706L05	MEMS Technology
	EE010 706L06	Special Electrical Machines

## **B.TECH EIGHTH SEMESTER**

<b>Sl.No</b>	<b>Subject Code</b>	<b>Subject Name</b>
1	EE 010 801	Power System Analysis
2	EE 010 802	Switch Gear & Protection
3	EE 010 803	Electrical System Design
4	<u>Elective III</u> EE010 804L01 EE010 804L02 EE010 804L03: EE010 804L04 EE010 804L05 EE010 804L06	ADVANCED POWER SYSTEM COMPUTER NETWORKS Generalized Machine Theory FEM Applications in Electrical Engineering Digital Signal Processors Optoelectronics
5	<u>Elective IV</u> EE010 805G01 EE010 805G02 EE010 805G03 EE010 805G04 EE010 805G05 EE010 805G06	Soft Computing Techniques Intellectual Property Rights Advanced Mathematics Virtual Instrumentation Digital Image Processing Distributed Power Systems