



**SEMESTER I**

SL. NO	COURSE CODE	COURSE TITLE
<b>THEORY</b>		
1.	HS8151	Communicative English
2.	MA8151	Engineering Mathematics - I
3.	PH8151	Engineering Physics
4.	CY8151	Engineering Chemistry
5.	GE8151	Problem Solving and Python Programming
6.	GE8152	Engineering Graphics
<b>PRACTICALS</b>		
7.	GE8161	Problem Solving and Python Programming Laboratory
8.	BS8161	Physics and Chemistry Laboratory

**SEMESTER II**

SL. NO	COURSE CODE	COURSE TITLE
<b>THEORY</b>		
1.	HS8251	Technical English
2.	MA8251	Engineering Mathematics - II
3.	PH8251	Materials Science
4.	BE8253	Basic Electrical, Electronics and Instrumentation Engineering
5.	GE8291	Environmental Science and Engineering
6.	GE8292	Engineering Mechanics
<b>PRACTICALS</b>		
7.	GE8261	Engineering Practices Laboratory
8.	BE8261	Basic Electrical, Electronics and Instrumentation Engineering Laboratory

**SEMESTER III**

SL. NO.	COURSE CODE	COURSE TITLE
<b>THEORY</b>		
1.	MA8353	Transforms and Partial Differential Equations
2.	ME8391	Engineering Thermodynamics
3.	CE8394	Fluid Mechanics and Machinery
4.	ME8351	Manufacturing Technology - I
5.	EE8353	Electrical Drives and Controls
<b>PRACTICAL</b>		
6.	ME8361	Manufacturing Technology Laboratory - I
7.	ME8381	Computer Aided Machine Drawing
8.	EE8361	Electrical Engineering Laboratory
9.	HS8381	Interpersonal Skills / Listening & Speaking

**SEMESTER IV**

SL. NO.	COURSE CODE	COURSE TITLE
<b>THEORY</b>		
1.	MA8452	Statistics and Numerical Methods
2.	ME8492	Kinematics of Machinery
3.	ME8451	Manufacturing Technology – II
4.	ME8491	Engineering Metallurgy
5.	CE8395	Strength of Materials for Mechanical Engineers
6.	ME8493	Thermal Engineering- I
<b>PRACTICAL</b>		
7.	ME8462	Manufacturing Technology Laboratory – II
8.	CE8381	Strength of Materials and Fluid Mechanics and Machinery
9.	HS8461	Advanced Reading and Writing

**SEMESTER V**

SL. NO.	COURSE CODE	COURSE TITLE
<b>THEORY</b>		
1.	ME8595	Thermal Engineering- II
2.	ME8593	Design of Machine Elements
3.	ME8501	Metrology and Measurements
4.	ME8594	Dynamics of Machines
5.		Open Elective I
<b>PRACTICAL</b>		
6.	ME8511	Kinematics and Dynamics Laboratory
7.	ME8512	Thermal Engineering Laboratory
8.	ME8513	Metrology and Measurements Laboratory

**SEMESTER VI**

SL. NO.	COURSE CODE	COURSE TITLE
<b>THEORY</b>		
1.	ME8651	Design of Transmission Systems
2.	ME8691	Computer Aided Design and Manufacturing
3.	ME8693	Heat and Mass Transfer
4.	ME8692	Finite Element Analysis
5.	ME8694	Hydraulics and Pneumatics
6.		Professional Elective – I
<b>PRACTICAL</b>		
7.	ME8681	CAD / CAM Laboratory
8.	ME8682	Design and Fabrication Project
9.	HS8581	Professional Communication

**SEMESTER VII**

SL. NO.	COURSE CODE	COURSE TITLE
<b>THEORY</b>		
1.	ME8792	Power Plant Engineering
2.	ME8793	Process Planning and Cost Estimation
3.	ME8791	Mechatronics
4.		Open Elective - II
5.		Professional Elective – II
6.		Professional Elective – III
<b>PRACTICAL</b>		
7.	ME8711	Simulation and Analysis Laboratory
8.	ME8781	Mechatronics Laboratory
9.	ME8712	Technical Seminar

**SEMESTER VIII**

SL. NO.	COURSE CODE	COURSE TITLE
<b>THEORY</b>		
1.	MG8591	Principles of Management
2.		Professional Elective – IV
<b>PRACTICAL</b>		
3.	ME8811	<a href="#">Project Work</a>