

Course of Study and Scheme of Examination
B.E. (PTDC) Mechanical Engineering
SEMESTER – VIII

S.No	Course Code (New)	Subject	Periods Per week				Distribution of Marks					
							Theory Exam	Practical Exam	Practical Block		Total	
			L	T	P	C			MST	TW		
							I	II	III		Total	I+II+III
1	ME-802	Refrigeration & Air Controller	3	1	2	6	100	50	20	30	50	200
2	ME-803	Computer Integration Manufacturing (CIM)	3	0	3	6	100	50	20	30	50	200
3		Elective-III(Refer table below)	3	1	0	4	100	-	20	-	20	120
4	ME-804	Major Project	3	0	8	8	-	180	-	100	100	280
Total			9	3	13	24	300	280	60	160	220	800

ELECTIVE-III					
Group-A- Thermal & Fluid Engg.		Group-B- Design Engineering		Group-C- Manufacturing Engg.	
ME-8301	Gas Turbine & Jet Propulsion	ME-8302	Mechatronics	ME-8303	Quality Control & Reliability

Note :- 1. Minimum strength of **Ten Students** is required to offer an Elective in the College in a particular Academic Session.
2. Choice of Elective Course ones made for an examination cannot be changed for future examinations.

Minimum Pass Marks :

[A] Theory :35 Percent

[B] Practical (End Sem) :50 Percent

Duration:

Practical Block Aggregate :50 Percent (ES) : 3 Hrs.

Group-A- Thermal & Fluid Engg.		Group-B- Design Engineering		Group-C- Manufacturing Engg.	
ME-8301	Gas Turbine & Jet Propulsion	ME-8302	Mechatronics	ME-8303	Quality Control & Reliability