Dr. A.P.J. Abdul Kalam University, Indore

Scheme of Examination

Master of Technology (Thermal Power Engineering)

Department of Mechanical Engineering

Dr. A.P.J. Abdul Kalam University, Indore

Scheme of Examination

Master of Technology (Thermal Power Engineering)

Department of Mechanical Engineering

SEMESTER : Ist SEMESTER

S. No.	Subject Code	Subject Name	Maximum Marks Allotted					Hours/Week			Credits	Marks
			Theory			Practical						
			End Sem.	Mid Sem. Test	Quiz, Assignment	End Sem. Practical /Viva	Practical Record/ Assignment/ Quiz /Presentation	L	T	P		
1	MTTPE 101	Advance Mathematics	70	20	10	-	-	3	1	-	4	100
2	MTTPE 102	Thermodynamics and Combustion	70	20	10	-	-	3	1	-	4	100
3	MTTPE 103	Heat & Mass Transfer	70	20	10	-	-	3	1	-	4	100
4	MTTPE 104	Advanced Fluid Mechanics	70	20	10	-	-	3	1	-	4	100
5	MTTPE 105	IC Engines and Alternate Fuels	70	20	10	-	-	3	1	-	4	100
6	MTTPE 106	Lab – I (103)	00	00	00	90	60	-	-	6	6	150
7	MTTPE 107	Lab – II (105)	00	00	00	90	60	-	-	6	6	150
		Total	350	100	50	180	120	15	5	12	32	800

L : Lecture **T: Tutorial** **P: Practical**

Lab - I – Heat Transfer
Lab - II - IC Engine

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S. No.	Subject Code	Subject Name	Maximum Marks Allotted					Hours/Week			Credits	Marks
			Theory			Practical						
			End Sem.	Mid Sem. Test	Quiz, Assignment	End Sem.	Practical Record/ Assignment/ Quiz /Presentation	L	T	P		
1	MTTPE 201	Thermal Power Plant Engineering	70	20	10	-	-	3	1	-	4	100
2	MTTPE 202	Design of Heat Exchangers	70	20	10	-	-	3	1	-	4	100
3	MTTPE 203	Advance Refrigeration System	70	20	10	-	-	3	1	-	4	100
4	MTTPE 204	Steam and Gas Turbine	70	20	10	-	-	3	1	-	4	100
5	MTTPE 205	Maintenance of Thermal Power Plant	70	20	10	-	-	3	1	-	4	100
6	MTTPE 206	Lab – III (205)	00	00	00	90	60	-	-	6	6	150
7	MTTPE 207	Lab IV (203)	00	00	00	90	60	-	-	6	6	150
		Total	**350**	**100**	**50**	**180**	**120**	**15**	**5**	**12**	**32**	**800**

L : Lecture **T: Tutorial** **P: Practical**

Lab. III - Maintenance of Thermal Power Plant

Lab.IV - Advance Refrigeration and Air conditioning Systems