MTECH IN THERMAL ENGINEERING

S.No	Course Code	Course Title	L-T-P	Credits
DEPARTMENT OF MECHANICAL				
Semester -1				
1	11ME501	ADVANCED ENGINEERING THERMODYNAMICS	3-1-2	5
2	11ME502	ADVANCED FLUID MECHANICS	3-1-0	4
3	11ME503	GAS TURBINES AND JET PROPULSION	3-1-2	5
4	11ME504	ENERGY CONSERVATION & MANAGEMENT	3-1-0	4
5	11ME530	RENEWABLE ENERGY SYSTEMS	3-0-0	3
6	11ME541	REFRIGERATION AND AIR CONDITIONING	3-0-0	3
7	11ME551	SEMINAR	0-0-4	2
8				
Semester -2				
1	MEC625	HEAT EXCHANGER ANALYSIS AND DESIGN	3-1-0	4
2	MEC626	COMPUTATIONAL METHODS IN THERMAL ENGINEERING	3-1-2	5
3	MEC627	DESIGN OF THERMAL SYSTEMS	3-1-0	4
4	MEC628	ANALYSIS OF THERMAL POWER CYCLES	3-1-0	4
5	MEC629	ADVANCED INTERNAL COMBUSTION ENGINES	3-0-0	3
6	MEC631	GAS DYNAMICS	3-0-0	3
7		TERM PAPER	0-0-4	2
8				
Semester -3,4				
1	TE	THESIS/PROJECT		36