

## M.Tech. in Mechanical Engineering

Semester I			
Code	Course Name	L-T-P	Credits
ME610	Mathematical Methods	3-0-0	3
ME613	Continuum Mechanics	3-0-0	3
ME614	Thermofluids Engineering	3-0-3	4
MExxx	Elective Course	3-0-2	4
			14
Semester II			
Code	Course Name	L-T-P	Credits
ME606	Computer Integrated Manufacturing	3-0-0	3
MExxx	Elective Course	3-0-0	3
MExxx	Elective Course	3-0-0	3
MExxx	Elective Course	3-0-0	3
MES601	Seminar	3-0-0	2
			14
Semester III			
Code	Course Name	L-T-P	Credits
	Project Phase 1		12
Semester IV			
Code	Course Name	L-T-P	Credits
	Project Phase 2		12

**List of Electives**

<b>Code</b>	<b>Course Name</b>	<b>L-T-P</b>	<b>Credits</b>
ME602	Advanced Convective Heat transfer	3-0-0	3
ME604	Aerosol Technology	3-0-0	3
ME605	Computational Heat and Fluid flow	3-0-0	3
ME608	Fundamentals of Combustion	3-0-0	3
ME615	Finite Element Method	3-0-0	3
ME616	Gas Dynamics	3-0-0	3
ME619	Microscale Transport Phenomena and Microfluidics	3-0-0	3
ME621	Energy Environment and Economics	3-0-0	3
ME622	Introduction to Scientific and Parallel Computing	3-0-0	3