

M.Tech. Mechanical Engineering Programme

Semester I			
Code	Course Name	L-T-P	Credits
ME 610	Mathematical methods	3 -0 - 0	6
ME 613	Continuum mechanics	3 -0 - 0	6
ME 606	Computer integrated manufacturing	3 -0 - 0	6
ME 614	Thermofluids engineering	2 -1 - 0	6
		11 -1 - 0	24
Seminar II			
ME xxx	Elective I	3 -0 - 0	6
ME xxx	Elective II	3 -0 - 0	6
ME xxx	Elective III	3 -0 - 0	6
ME xxx	Elective IV	3 -0 - 0	6
MES 601	Seminar	0 -0 - 0	4
		12 -0 -0	28
Seminar III			
	Project Phase 1		24
Seminar IV			
	Project Phase 2		24

List of Elective courses:

Code	Course Name	L-T-P	Credits
ME 602	Advanced Convective Heat transfer	3 -0 - 0	6
ME 605	Computational Heat and Fluid flow	3 -0 - 0	6
ME 608	Fundamentals of Combustion	3 -0 - 0	6
ME 615	Finite Element Method	3 -0 - 0	6
ME 616	Gas Dynamics	3 -0 - 0	6
ME 617	Mechanics of Composite Materials	3 -0 - 0	6
ME 619	Microscale Transport Phenomena and Microfluidics	3 -0 - 0	6
ME 621	Energy environment and economics	3 -0 - 0	6