

List of Courses for the M. Engg. Programme in Ind. & Manufacturing Engg

Compulsory Courses

For Specialization in Manufacturing Engineering

Course No.	Course Title	Credit Hrs
ME 521	Automation & Controls	3
ME 522	Computer Aided Manufacturing	3
ME 523	Operations Research	3
ME 524	Reliability & Quality Engineering	3
ME 525	Advanced Manufacturing Processes	3
TE 505	Advanced Statistics	3

Elective Courses

For Specialization in Manufacturing Engineering

Course No.	Course Title	Credit Hrs
ME 503	Computer Aided Design	3
ME 504	Finite Element Analysis	3
ME 511	Materials Science	3
ME 526	Advanced Metal Forming	3
ME 527	Human Factor Engineering	3
ME 528	Computer Integrated Manufacturing	3
ME 529	Management Information System (MIS)	3
EM 504	Project Management Framework & Tools	3
MS 552	Applied Mathematics II	3
MS 553	Computer Applications	0
IM 505	Automated Manufacturing Systems	3
IM 506	Business Process Reengineering	3
IM 513	Six Sigma Methodologies	3
IM 515	Agile & Lean Manufacturing	3
IM 525	Design For Manufacturing	3
IM 526	Facilities Planning and Layout	3
IM 527	Intelligent Manufacturing Systems	3
IM 599	Dissertation	6