

Department of Mechanical Engineering



M.Eng./ PG Dip. in Manufacturing Systems Engineering

Code	Course Module	Credit
ME5101	Decision Analysis for Manufacturing Management	3
ME5102	Production and Operations Management	3
ME5103	Computer Integrated Manufacturing	3
ME5104	Manufacturing Processes	3
ME5120	Computer Aided Design and Manufacture	3
ME5121	Industrial Management	3
ME5140	Product Design	3
ME5141	Special Studies	4
ME5122	Quality Management	3
ME5123	Supply Chain Management	3
ME5124	Automation and Control of Manufacturing Systems	3
ME5125	Manufacturing Processes: Advanced Aspects	3
ME5142	Design of Manufacturing Systems	3
ME5143	Manufacturing Strategy	3
ME5144	Mechatronics and Robotics	3
ME5145	Artificial Intelligence in Manufacturing	3
ME5146	Human Factors Engineering	3

PG Diploma in Energy Technology (Dept. of Mechanical Engineering)

Code	Course Module	Credit
ME 5001	Mathematical Techniques	3
ME5002	Industrial Fluid Dynamics	3
ME5003	Energy Sources	3
ME5004	Transfer Processes	3
ME5020	Energy Economics	2.5
ME5021	Energy Conservation and Management	3
ME5022	Instrumentation and Experimental Techniques	1.5
ME5023	Fuel and Combustion	3
ME5024	Solar Energy	3
ME5025	Wind Energy	3
ME5040	Design on Energy Systems	3
ME5041	Boiler and Furnace Systems	3
ME5042	Energy and Environment	3
ME5043	Waste Heat Recovery and Upgrading Systems	3