

Master of Mechanical Engineering (MEPG) Production

Prog	Speciali zation	Group	Sem	Course Code	Course Title	L	T	P	Credits	FM
MEPG	PROD	Core	1	ME641	Modern Manufacturing Process	3	0	0	3	100
MEPG	PROD	Core	1	ME642	Production Planning and Control	3	0	0	3	100
MEPG	PROD	EL-1	1	ME6xx	Elective – I	3	0	0	3	100
MEPG	PROD	EL-2	1	ME6xx	Elective – II	3	0	0	3	100
MEPG	PROD	EL-3	1	ME6xx	Elective – III	3	0	0	3	100
MEPG	PROD	Lab	1	ME682	Manufacturing Lab - I	0	0	6	4	100
MEPG	PROD		1		Total Semester Credits	12	0	6	19	500
MEPG	PROD									
MEPG	PROD	Core	2	ME643	Computer Integrated Manufacturing and CAM	3	0	0	3	100
MEPG	PROD	EL-4	2	ME6xx	Elective – IV	3	0	0	3	100
MEPG	PROD	EL-5	2	ME6xx	Elective – V	3	0	0	3	100
MEPG	PROD	EL-6	2	ME6xx	Elective – VI	3	0	0	3	100
MEPG	PROD	EL-7	2	ME6xx	Elective – VII	3	0	0	3	100
MEPG	PROD	Lab	2	ME684	Manufacturing Lab - II	0	0	6	4	100
MEPG	PROD	Lab	2	ME694	Seminar	0	0	3	2	100
MEPG	PROD		2		Total Semester Credit	12	0	9	21	600
MEPG	PROD									
MEPG	PROD	Lab	3	ME695	Seminar and Comprehensive Viva - I	0	0	3	2	100
MEPG	PROD	Lab	3	ME697	Dissertation (to be continued in 4 th Sem)	0	0	12	8	100
MEPG	PROD		3		Total Semester Credit	0	0	15	10	200
MEPG	PROD									
MEPG	PROD	Lab	4	ME696	Seminar and Comprehensive Viva - II	0	0	3	2	100
MEPG	PROD	Lab	4	ME698	Dissertation	0	0	15	10	100
MEPG	PROD		4		Total Semester Credit	0	0	18	12	200
MEPG	PROD		4		Cumulative Total Credit				62	1500
MEPG	PROD				List of Electives					
MEPG	PROD	EL-1	1	ME645	Project Management	3	0	0	3	100
MEPG	PROD	EL-1	1	ME646	Surface Engineering	3	0	0	3	100
MEPG	PROD	EL-2	1	ME637	Advances in Engineering Optimization	3	0	0	3	100

MEPG	PROD	EL-2	1	ME649	Modeling and Simulation of system	3	0	0	3	100
MEPG	PROD	EL-3	1	ME644	Composite Material and Processing	3	0	0	3	100
MEPG	PROD	EL-3	1	ME613	Finite Element Analysis	3	0	0	3	100
MEPG	PROD	EL-4	2	ME654	Nano-technology and Micro-machining	3	0	0	3	100
MEPG	PROD	EL-4	2	ME655	Mechatronics	3	0	0	3	100
MEPG	PROD	EL-5	2	ME656	Supply Chain and Logistics Management	3	0	0	3	100
MEPG	PROD	EL-5	2	ME658	Industrial Organization and behavior	3	0	0	3	100
MEPG	PROD	EL-6	2	ME650	Quality Engineering	3	0	0	3	100
MEPG	PROD	EL-6	2	ME651	Advanced Fabrication Technology	3	0	0	3	100
MEPG	PROD	EL-7	2	ME652	Lean Manufacturing	3	0	0	3	100
MEPG	PROD	EL-7	2	ME653	Metal forming and casting	3	0	0	3	100
MEPG	PROD	EL-7	2	ME657	Machining Science	3	0	0	3	100