

**Master of Mechanical Engineering (MEPG) Production-DD**

Prog	Specialization	Group	Sem	Course Code	Course Title	L	T	P	Credits
MEPG DD	PROD	Core	1	ME641	Modern Manufacturing Process	3	0	0	3
MEPG DD	PROD	Core	1	ME642	Production Planning and Control	3	0	0	3
MEPG DD	PROD	EL-1	1	ME6xx	Elective – I	3	0	0	3
MEPG DD	PROD	EL-2	1	ME6xx	Elective – II	3	0	0	3
MEPG DD	PROD	EL-3	1	ME6xx	Elective – III	3	0	0	3
MEPG DD	PROD	Lab	1	ME682	Manufacturing Lab - I	0	0	6	4
MEPG DD	PROD		1		<b>Total Semester Credits</b>	<b>12</b>	<b>0</b>	<b>6</b>	<b>19</b>
MEPG DD	PROD								
MEPG DD	PROD	Core	2	ME643	Computer Integrated Manufacturing and CAM	3	0	0	3
MEPG DD	PROD	EL-4	2	ME6xx	Elective – IV	3	0	0	3
MEPG DD	PROD	EL-5	2	ME6xx	Elective – V	3	0	0	3
MEPG DD	PROD	EL-6	2	ME6xx	Elective – VI	3	0	0	3
MEPG DD	PROD	EL-7	2	ME6xx	Elective – VII	3	0	0	3
MEPG DD	PROD	Lab	2	ME684	Manufacturing Lab - II	0	0	6	4
MEPG DD	PROD	Lab	2	ME694	Seminar	0	0	3	2
MEPG DD	PROD		2		<b>Total Semester Credit</b>	<b>12</b>	<b>0</b>	<b>9</b>	<b>21</b>
MEPG DD	PROD								
MEPG DD	PROD	Lab	3	ME695	Seminar and Comprehensive Viva - I	0	0	3	2
MEPG DD	DSGN	Core	3	ME 701	Research Methodology	3	0	0	3
MEPG DD	PROD	Lab	3	ME697	Dissertation (to be continued in 4 <sup>th</sup> Sem)	0	0	12	8
MEPG DD	PROD		3		<b>Total Semester Credit</b>	<b>3</b>	<b>0</b>	<b>15</b>	<b>13</b>
MEPG DD	PROD								
MEPG DD	PROD	Lab	4	ME696	Seminar and Comprehensive Viva - II	0	0	3	2
MEPG DD	PROD	Lab	4	ME698	Dissertation	0	0	15	10
MEPG DD	PROD		4		<b>Total Semester Credit</b>	<b>0</b>	<b>0</b>	<b>18</b>	<b>12</b>
MEPG DD	PROD		4		<b>Cumulative Total Credit</b>				<b>65</b>
MEPG DD									
MEPG DD	PROD				<b>List of Electives</b>				
MEPG DD	PROD	EL-1	1	ME645	Project Management	3	0	0	3
MEPG DD	PROD	EL-1	1	ME646	Surface Engineering	3	0	0	3

MEPG DD	PROD	EL-2	1	ME637	Advances in Engineering Optimization	3	0	0	3
MEPG DD	PROD	EL-2	1	ME649	Modeling and Simulation of system	3	0	0	3
MEPG DD	PROD	EL-3	1	ME644	Composite Material and Processing	3	0	0	3
MEPG DD	PROD	EL-3	1	ME613	Finite Element Analysis	3	0	0	3
MEPG DD	PROD	EL-4	2	ME654	Nano-technology and Micro-machining	3	0	0	3
MEPG DD	PROD	EL-4	2	ME655	Mechatronics	3	0	0	3
MEPG DD	PROD	EL-5	2	ME656	Supply Chain and Logistics Management	3	0	0	3
MEPG DD	PROD	EL-5	2	ME658	Industrial Organization and behavior	3	0	0	3
MEPG DD	PROD	EL-6	2	ME650	Quality Engineering	3	0	0	3
MEPG DD	PROD	EL-6	2	ME651	Advanced Fabrication Technology	3	0	0	3
MEPG DD	PROD	EL-7	2	ME652	Lean Manufacturing	3	0	0	3
MEPG DD	PROD	EL-7	2	ME653	Metal forming and casting	3	0	0	3
MEPG DD	PROD	EL-7	2	ME657	Machining Science	3	0	0	3