



**Integral University, Lucknow**  
**Department of Mechanical Engineering**  
**Study and Evaluation Scheme (2021-22)**

**Program: M . Tech. (P&I)**

**Semester I**

S. No.	Course code	Course Title	Type of Paper	Period Per hr/week/sem			Evaluation Scheme				Max. Marks	Credit	Total Credits	Attributes							United Nations Sustainable Development Goals (SDGs)
				L	T	P	CT	TA	Total	ESE				Employability	Entrepreneurship	Skill Development	Gender Equality	Environment & Sustainability	Human Value	Professional Ethics	
<b>THEORIES</b>																					
1	ME501	Statistical Methods in Engg.		3	1	0	40	20	60	40	100	3:1:0	4	√		√				4,9	
2	ME502	Advanced Materials Science		3	1	0	40	20	60	40	100	3:1:0	4	√	√	√		√		4,8,12	
3	ME503	Production Operations Management		3	1	0	40	20	60	40	100	3:1:0	4	√	√	√				4,8,9,12	
4	ME504	Production Engineering I		3	1	0	40	20	60	40	100	3:1:0	4	√	√	√				4,8,9,12	
<b>PRACTICAL</b>																					
5	ME505	Production Engineering I Lab		0	0	3	40	20	60	40	100	0:0:2	2	√	√	√				4,8,9,12	
<b>Total</b>				<b>12</b>	<b>4</b>	<b>3</b>	<b>200</b>	<b>100</b>	<b>300</b>	<b>200</b>	<b>500</b>		<b>18</b>								



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**Semester II**

S. No.	Course code	Course Title	Type of Paper	Period Per hr/week/sem			Evaluation Scheme				Max. Marks	Credit	Total Credits	Attributes						United Nations Sustainable Development Goals (SDGs)	
				L	T	P	CT	TA	Total	ESE				Employability	Entrepreneurship	Skill Development	Gender Equality	Environment & Sustainability	Human Value		Professional Ethics
<b>THEORIES</b>																					
1	ME506	Work Science	CORE	3	1	0	40	20	60	40	100	3:1:0	4	√	√					4,9,11,12	
2	ME507	Total Quality Management	CORE	3	1	0	40	20	60	40	100	3:1:0	4	√	√	√			√	√	4,9,12
3	ME508	Plant Layout & Material Handling	CORE	3	1	0	40	20	60	40	100	3:1:0	4	√	√					4,9,11	
4	ME509	Production Engineering II	CORE	3	1	0	40	20	60	40	100	3:1:0	4	√	√	√				4,8,9,12	
<b>PRACTICAL</b>																					
5	ME510	Production Engineering II Lab	CORE	0	0	3	40	20	60	40	100	0:0:2	2	√	√	√				4,8,9,12	
<b>Total</b>				<b>12</b>	<b>4</b>	<b>3</b>	<b>200</b>	<b>100</b>	<b>300</b>	<b>200</b>	<b>500</b>		<b>18</b>								