

# Curriculum for B. Tech. (Mechanical Engineering) 3rd Sem to 8th Sem

Subject Name	Subject Code	L-T-P	Credit	Contact Hour
<b>SEMESTER - III</b>				
<a href="#">Theory of Machines - I</a>	ME2L001	3-1-0	4	4
<a href="#">Basic Electronics</a>	EC2L005	3-1-0	4	4
<a href="#">Transform Calculus</a> ( <i>Mathematics – V</i> )	MA2L005	3-0-0	3	3
<a href="#">Introduction to Material Science and Engineering</a>	ID2L001	2-0-0	2	2
<a href="#">Introduction to Bioscience and Technology</a>	ID2L002	2-0-0	2	2
<a href="#">Fluid Mechanics</a>		3-1-0	4	4
<a href="#">Workshop Processes</a>	ME2P001	0-0-3	2	3
<a href="#">Basic Electronics Laboratory</a>	EC2P005	0-0-3	2	3
<a href="#">Fluid Mechanics Laboratory</a>	ME2P002	0-0-3	2	3
Project Seminar	ME2S001	0-0-0	2	0
		<b>Total</b>	<b>27</b>	<b>28</b>
<b>SEMESTER – IV</b>				
<a href="#">Thermodynamics</a>	ME2L003	3-0-0	3	3
Partial Differential Equations( <i>Mathematics – IV</i> )	MA2L004	3-1-0	4	4
<a href="#">Environmental Science, Technology and Management</a>	ID2L003	2-0-0	2	2
Breadth-1			3/4	3/4
<a href="#">Mechanics of Solids</a>	ME2L004	3-1-0	4	4
<a href="#">Theory of Machines - II</a>	ME2L005	3-1-0	4	4
Lateral - 1			3/4	3/4
<a href="#">Machines &amp; Mechanisms Laboratory</a>	ME2P003	0-0-3	2	3

<a href="#">Materials Testing Laboratory</a>	<b>ME2P004</b>	0-0-3	2	3
		<b>Total</b>	<b>27/29</b>	<b>29/31</b>
<b>SEMESTER – V</b>				
Lateral Theory-2			3/4	3/4
<a href="#">Heat Transfer</a>	<b>ME3L001</b>	3-1-0	4	4
<a href="#">Design of Machine Elements</a>	<b>ME3L002</b>	3-0-0	3	3
<a href="#">Casting, Welding and Forming</a>	<b>ME3L003</b>	3-0-0	3	3
Systems & Control	<b>ME3L004</b>	3-0-0	3	3
<a href="#">Thermo-Fluid Lab - 1</a>	<b>ME3P001</b>	0-0-3	2	3
<a href="#">Casting, Welding and Forming Laboratory</a>	<b>ME3P002</b>	0-0-3	2	3
<a href="#">Machine Design Practice</a>	<b>ME3P003</b>	0-0-3	2	3
		<b>Total</b>	<b>22/23</b>	<b>25/26</b>
<b>SEMESTER - VI</b>				
Lateral Theory-3	<b>ME3LXXX</b>		3/4	3/4
<a href="#">IC Engines</a>	<b>ME3L005</b>	3-0-0	3	3
<a href="#">Refrigeration &amp; Air-Conditioning</a>	<b>ME3L006</b>	3-0-0	3	3
Elective-1	<b>ME3LXXX</b>	3-0-0	3	3
<a href="#">Machine Tool &amp; Machining (MTM)</a>	<b>ME3L007</b>	3-0-0	3	3
<a href="#">Power Plant Engineering</a>	<b>ME3L008</b>	3-0-0	3	3
<a href="#">Thermo-Fluid Lab - 2</a>	<b>ME3P004</b>	0-0-3	2	3
<a href="#">MTM Laboratory</a>	<b>ME3P005</b>	0-0-3	2	3
		<b>Total</b>	<b>22/23</b>	<b>24/25</b>
<b>INDUSTRIAL SUMMER TRAINING</b>				
<b>Subject Name</b>	<b>Subject Code</b>	<b>L-T-P</b>	<b>Credit</b>	<b>Contact Hour</b>
<b>SEMESTER - VII</b>				
Elective - 2	<b>ME4LXXX/ME6LXXX</b>	3-0-3	5	6
Elective – 3	<b>ME4LXXX/ME6LXXX</b>	3-0/1-0	3/4	3/4
Breadth - 2		3-0/1-0	3/4	3/4
Industrial Training Defense	<b>ME4T001</b>	0-0-0	2	0

Project – Part 1	<b>ME4D001</b>	0-0-0	4	0
		<b>Total</b>	<b>17/19</b>	<b>12/14</b>
<b>SEMESTER - VIII</b>				
Breadth - 3		3-0-0	3	3
Breadth - 4		3-0-0	3	3
Elective – 4	<b>ME4LXXX/ ME6LXXX</b>	3-0/1-0	3/4	3/4
Elective – 5	<b>ME4LXXX/ ME6LXXX</b>	3-0-0	3	3
Project – Part 2	<b>ME4D002</b>	0-0-0	6	0
		<b>Total</b>	<b>18/20</b>	<b>12/13</b>
		<b>G. Total</b>	<b>178/188</b>	
		<i>*Excluding EAA-1 &amp; 2</i>		