

**ANNAMACHARYA INSTITUTE OF TECHNOLOGY AND SCIENCES, TIRUPATI  
(Autonomous)**

**Course structure for Four Year Regular B.Tech. Degree Program  
(Effective for the batches admitted from 2019-20)**

**MECHANICAL ENGINEERING (ME)**

**IV B. Tech – II Semester**

S.No	Category	Course Code	Course Title	Contact Hours per week			Credits	Scheme of Examination (Max. Marks)			
				L	T	P		CIE	SEE	Total	
<b>THEORY</b>											
1	OE	Open Elective V (MOOC)			3	0	0	3	30	70	100
		OEC	Basic research								
			Research in technical education								
			Research Ethics and Plagiarism								
Personality development											
2	PE	Professional Elective V (MOOC)			3	0	0	3	30	70	100
		OEC	Rapid Manufacturing								
			Laser Based Manufacturing								
			Energy Conservation and Waste Heat Recovery								
<b>PRACTICAL</b>											
3	PR	19APR0307	Project	0	0	14	9	60	140	200	
4	PR	19APR0308	Technical Paper Presentation	0	0	0	0	50	-	50	
<b>Total</b>				<b>6</b>	<b>0</b>	<b>14</b>	<b>15</b>	<b>170</b>	<b>280</b>	<b>450</b>	