

**Autonomous Program Structure of  
Third Year B. Tech.  
Sixth Semester (Mechanical Engineering)  
2016 Pattern**

Course Code	Course Title	Teaching Scheme Hours /Week			Examination Scheme				Total Marks	Credit
		Lecture	Tutorial	Practical	In Sem	End Sem	Oral	Practical		
ME 3201	Applied Thermodynamics	3	1	0	50	50	0	0	100	4
ME 3202	Machine Design	3	1	0	50	50	0	0	100	4
ME3203	Metrology And Quality Control	3	0	0	50	50	0	0	100	3
PEME 3201	Program Elective - II	3	0	0	50	50	0	0	100	3
PEME 3202	Program Elective - III	3	0	0	50	50	0	0	100	3
ME 3204	Applied Thermodynamics Lab	0	0	2	25	0	0	0	25	1
ME 3205	Machine Design lab	0	0	2	0	0	25	0	25	1
ME 3206	Metrology And Quality Control lab	0	0	2	0	0	0	25	25	1
PEME 3203	Program Elective - III Lab	0	0	2	0	0	25	0	25	1
ME 3207	Seminar	0	0	2	25	0	0	0	25	1
AC 3201	Audit Course	0	0	2	0	0	0	0	0	0
	<b>Total</b>	<b>15</b>	<b>2</b>	<b>12</b>	<b>300</b>	<b>250</b>	<b>50</b>	<b>25</b>	<b>625</b>	<b>22</b>
	<b>Grand Total</b>	<b>29</b>			<b>550</b>		<b>75</b>		<b>625</b>	<b>22</b>

**PEME 3201: Program Elective - II**

- 1) Machines and mechanisms
- 2) Gas Turbine
- 3) Press Tool Design
- 4) Nanotechnology
- 5) Swayam Online Course

**PEME 3202: Program Elective - III**

**PEME 3203: Program Elective – III lab**

- 1) Computational Fluid Dynamics
- 2) Mechanics of Composite Materials
- 3) Piping Engineering
- 4) Jig and Fixture Design

**AC 3102: Audit Course: Employability Skills development**