

**Autonomous Program Structure**  
**Final Year B. Tech.**  
**Eighth Semester (Mechanical Engineering)**  
**2016 Pattern (R0)**

Course Code	Course Title	Teaching Scheme Hours/ Week			Examination Scheme				Total Marks	Credit
		Lecture	Tutorial	Practical	In Sem	End Sem	Oral	Practical		
ME 4201	Turbo Machines	3	0	0	50	50	0	0	100	3
PEME 4201	Program Elective-I	3	0	0	50	50	0	0	100	3
OE 4201	Open Elective-II	3	0	0	50	50	0	0	100	3
ME 4202	Turbo Machines Lab	0	0	2	0	0	50	0	50*	1
ME 4203	Project Phase-II	0	2	16	100	0	50	0	150	10
ME 4204	Project based Online Course**	2	0	0	50	0	0	0	50	2
	<b>Total</b>	<b>11</b>	<b>2</b>	<b>18</b>	<b>300</b>	<b>150</b>	<b>100</b>	<b>0</b>		
	<b>Grand Total</b>	<b>31</b>			<b>550</b>				<b>550</b>	<b>22</b>


\*\*The student shall register and complete the project based online course preferably in semester-I but may complete the same till the end of semester-II.


**PEME 4201: Programme Elective-I**

- 1) Mechanical Vibrations
- 2) Advanced Manufacturing Processes
- 3) Refrigeration and Air conditioning
- 4) Energy Storage Management

**OE 4201: Open Elective-II**

- 1) Renewable Energy Sources
- 2) Operations Research

  
**DEAN ACADEMICS**  
 MKSSS's Cummins College  
 of Engineering for Women  
 Karvenagar, Pune-411052

  
**Principal**  
 MKSSS's Cummins College of Engg.  
 For Women, Karvenagar, Pune-52



  
**APPROVED BY**  
 Governing Body Members  
 MKSSS's Cummins College  
 of Engineering for Women  
 Karvenagar, Pune-411052