Autonomous Program Structure of
Third Year B. Tech.
Fifth 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 3101	Computer Oriented Numerical Methods	3	0	0	50	50	0	0	100	3
ME 3102	Analysis and Synthesis of Mechanisms	3	1	0	50	50	0	0	100	4
ME3103	Heat Transfer	3	1	0	50	50	0	0	100	4
OEHS 3101	Open Elective - 1	3	0	0	50	50	0	0	100	3
PEME 3101	Program Elective - 1	3	0	0	50	50	0	0	100	3
ME 3104	Computer Oriented Numerical Methods lab	0	0	2	0	0	25	0	25	1
ME 3105	Analysis and Synthesis of Mechanisms lab	0	0	2	25	0	0	0	25	1
ME 3106	Heat Transfer lab	0	0	2	0	0	0	25	25	1
PEME 3102	Program Elective - 1 lab	0	0	2	0	0	0	25	25	1
ME 3107	Manufacturing Processes - III Lab	0	0	2	0	0	25	0	25	1
AC 3101	Audit Course	0	0	2			0	0	0	0
	Total	**15**	**2**	**12**	**275**	**250**	**50**	**50**		
	Grand Total	**29**			**525**		**100**		**625**	**22**

OEHS 3101: Open Elective-1
1) Entrepreneurship Development
2) Introduction to digital marketing
3) Intellectual Property Rights
4) Project Management

PEME 3101: Program Elective - 1
PEME 3102: Program Elective - 1 lab
1) Automation and Control engineering
2) Advanced Fluid Mechanics
3) Tool Engineering
4) Non-Destructive Evaluation and Testing

AC 3101: Audit Course: Employability Skills development