

**Autonomous Programme Structure of
Third Year B. Tech. Mechanical Engineering**

T. Y. B. Tech. Mechanical Engineering Semester – I										
Course Code	Course Title	Teaching Scheme			Examination Scheme				Marks	Credits
		Hours / Week			In Semester	End Semester	Oral	Practical		
		Lecture	Tutorial	Practical						
ME 3101	Computer oriented Numerical Methods	3	0	0	25	50	0	0	75	3
ME 3102	Analysis and Synthesis of Mechanisms	3	1	0	50	50	0	0	100	4
ME 3103	Heat Transfer	3	1	0	50	50	0	0	100	4
OEHS 3101	Open Elective -I	3	0	0	50	50	0	0	100	3
PEME 3101	Programme Elective -I	3	0	0	25	50	0	0	75	3
ME 3104	Computer Oriented Numerical Methods Lab	0	0	2	0	0	0	25	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	25	0	0	0	25	1
PEME 3102	Programme Elective –I Lab	0	0	2	0	0	25	0	25	1
ME 3107	Manufacturing Processes -III Lab	0	0	2	0	0	0	25	25	1
AC 3101	Audit Course	0	0	2	0	0	0	0	0	0
	Total	15	2	12	250	250	25	50	575	22
	Grand Total		29			575			575	22

OEHS 3101: Open Elective-I

- 1) Entrepreneurship Development
- 2) Introduction to Digital Marketing
- 3) Intellectual Property Rights
- 4) Project Management

PEME 3101: Programme Elective-I

PEME 3102: Programme Elective-I Laboratory

- 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



DEAN ACADEMICS
MKSS's Cummins College

Director

APPROVED BY
Governing Body Members