

**B.Tech INTEGRATED (DIPLOMA)**  
**DEPARTMENT OF MECHANICAL ENGINEERING**

Sem	Course Code							Lecture	L	T	P	Contact Hour Per Week	Credits	
	Course Name							Course						
I														
II														
III	AHL033 Math-III 4 1 0 (5)	MEL 033 Thermodynamics 3 1 0 (4)	MEL 035 Applied Mechanics 3 1 2 (5)	MEL 037 Manufacturing Technology -I 3 0 2 (4)	MEL 039 Machine Drawing 1 0 4 (3)	AHP031 Lang.Comm . III 1 0 2 (0)	Electrical machines 3 1 2 (5)	7	18	4	12	34	26	
IV	MEL 032 Engineering Material 3 0 2 (4)	MEL 034 Fluid Mechanics & Machines 3 0 2 (4)	MEL 036 Internal Combustion Engine 3 0 2 (4)	MEL 038 Manufacturing Technology -II 3 0 2 (4)	MEL 031 Strangth of Materials 3 1 2 (5)	MEP 042 CAD LAB 0 0 2 (1)	AHP 032 Lang.Comm . IV 1 0 2 (0)	AHL034 BEVS 2 0 0 (2)	8	18	2	12	32	24
V	MEL 061 Theory of Machines 3 1 2 (5)	MEL 063 Refrigeration & Air Conditioning 3 1 2 (5)	MEL 065 Industrial Engineering 4 0 0 (4)	MEL 067 Manufacturing Science 3 0 0 (3)	MEL 040 Machine Design 3 2 0 (5)	MEL 069 CNC Machines and Automation 3 0 0 (3)	MED 071 Minor Proj 0 0 2 (1)	AHL 061 Lang.CommV 2 0 0 (0)	8	21	3	8	32	26
VI	MEL 062 Industrial Management 3 0 0 (3)	MEL 066 Automobile Engineering 3 0 2 (4)	MEL 068 Entrepreneurs hip Development and Management 3 0 0 (3)	*1 Department Elective 3 0 2 (4)	MEL 070 Installation, Testing & Maintenance 3 0 2 (4)	MEL 072 Project Work 0 0 2 (4)	AHL 062 Lang. Comm. VI 2 0 0 (0)	MEP 074 Employability Skill 0 0 2 (2)	7	17	0	10	27	24
VII	4th Year Will be Common with B.Tech 2nd Year													
VIII														
IX	5th Year Will be Common with B.Tech 3rd Year													
X														
XI	6th Year Will be Common with B.Tech 4th Year													
XII														

**DEPARTMENT  
ELECTIVE**

**\*1**

1	MEL 405	Inspection & Quality Control
2	MEL 407	Non-Conventional Energy Systems
3	MEL 409	Financial Management
4	MEL 411	Automobile Emissions & Control
5	MEL 413	Robotics