

Program Name: Bachelor of Technology- (Mechanical Engineering) Program Code: ET101

Semester / Year: Semester V/ Third Year **Effective From Academic Year: 2018-19**

Semester-V

Subject code	Subject Name	Credit	Teaching Scheme (Hours per week)				Evaluation scheme (Marks)				
			L	T	P	Total	Theory		Practical		Total
							University Assessment	Continuous Assessment	University Assessment	Continuous Assessment	
1ET1010501	Heat Transfer	5	4	0	2	6	70	30	30	20	150
1ET1010502	Theory of Machines	4	3	0	2	5	70	30	30	20	150
1ET1010503	Machine Design-I	4	3	1	0	4	70	30	-	20	120
1ET1010504	Fluid Power Engineering	5	4	0	2	6	70	30	30	20	150
1ET1010505	Instrumentation & Control	4	3	1	0	4	70	30	-	20	120
(*)	Open Elective	2	1	0	2	3	35	15	30	20	100
1ET1000501	Mini Project-I	1	0	0	2	2	-	-	30	20	50
Total		25	18	2	10	30	385	165	150	140	840

Open Elective:

Branch	Subject Code (*)	Subject Name
Civil Engineering	1ET1060506	Disaster Management
Electronics and Communication Engineering	1ET1040506	Sensors and Transducers
Electrical Engineering	1ET1020506	Energy Conservation and Audit
Computer Engineering/ Information Technology	1ET1030506	Cyber Law and Ethics

Note:

- Industry Internship Program is a part of B.Tech Semester VIII curriculum, which comprise of minimum four weeks Industrial Training. Out of this two weeks training must be continuous in nature.
- Student has to undergo this training during Summer/Winter break and complete it before the Term-End of final semester.