

FACULTY OF ENGINEERING AND TECHNOLOGY
Proposed Structure [Mechanical] -2013-2014
T.Y. B. Tech. Mechanical

Sub Code	SEMESTER-V	Contact Hrs / Week				Examination Scheme						
	Subject	L	T	P	Total	CT	TH	TW	P	Total	Credits	Duration of Theory Exam
MED-301	Design of Machine Elements-I	3	1	-	4	20	80	-	-	100	4	3 Hrs
MED-302	Theory of Machines-II	3	1	-	4	20	80	-	-	100	4	3 Hrs
MED-303	CADCAM/CAB	3	1	-	4	20	80	-	-	100	4	3 Hrs
MED-304	Production Management	4	-	-	4	20	80	-	-	100	4	3 Hrs
MED-305	I.C Engines & Turbines	4	-	-	4	20	80	-	-	100	4	3 Hrs
MED-306	Industrial Management	2	-	-	2	10	40	-	-	50	2	2 Hrs
MED-321	Laboratory DME-I	-	-	2	2	-	-	25	25	50	1	
MED-322	Laboratory TOM-II	-	-	2	2	-	-	25	25	50	1	
MED-323	Laboratory CADCAM/CAB	-	-	2	2	-	-	25	25	50	1	
MED-324	Laboratory I.C.E. & T	-	-	2	2	-	-	50	-	50	1	
MED-325	Seminar	-	-	2	2	-	-	50	-	50	1	
	Total of semester-V	19	3	10	32	110	440	175	75	800	27	
Sub Code	SEMESTER-VI	Contact Hrs / Week				Examination Scheme						
	Subject	L	T	P	Total	CT	TH	TW	P	Total	Credits	Duration of Theory Exam
MED-351	Design of Machine Elements-II	3	1	-	4	20	80	-	-	100	4	3 Hrs
MED-352	Fluid Mechanics & Machinery	3	1	-	4	20	80	-	-	100	4	3 Hrs
MED-353	Engineering Metallurgy	3	1	-	4	20	80	-	-	100	4	3 Hrs
MED-354	Modern Management Techniques	4	-	-	4	20	80	-	-	100	4	3 Hrs
MED-391-394	Elective-I	4	-	-	4	20	80	-	-	100	4	3 Hrs
MED-355	Computational Techniques	2	-	-	2	10	40	-	-	50	2	2 Hrs
MED-371	Laboratory DME-II	-	-	2	2	-	-	25	25	50	1	
MED-372	Laboratory FP	-	-	2	2	-	-	25	25	50	1	
MED-373	Laboratory Engg Metallurgy	-	-	2	2	-	-	25	25	50	1	
MED-374	Laboratory CT	-	-	2	2	-	-	50	-	50	1	
MED-375	Project-I	-	-	2	2	-	-	50	-	50	1	
	Total of semester-VI	19	3	10	32	110	440	175	75	800	27	
	Grand Total of V& VI	38	6	20	64	220	880	350	150	1600	54	

L: Lecture hours per week T: Tutorial hours per week P: Practical hours per week CT: Class Test
 TH: University Theory Examination TW: Term Work P: Practical/Oral Examination

Elective-I

1. MED-391: Mechatronics
2. MED-392: Reliability & Maintenance Engineering
3. MED-393: Mechanical Vibration
4. MED-394: Introduction to aircraft industry and aircraft system