

**FACULTY OF SCIENCE AND TECHNOLOGY**

Revised Structure w.e.f. 2017-2018

Second Year B. Tech. (Mechanical Engineering)

Course Code	Semester III	Contact Hrs / Week				Examination Scheme						Duration of Theory Exam
	Course	L	T	P	Total	CT	TH	TA	P	Total	Credits	
BSH201	Engineering Mathematics – III	3	1	-	4	20	80	-	-	100	4	3 Hrs
MED202	Strength of Materials	3	1	-	4	20	80	-	-	100	4	3 Hrs
MED203	Fluid Mechanics	4	-	-	4	20	80	-	-	100	4	3 Hrs
MED204	Manufacturing Process – I	4	-	-	4	20	80	-	-	100	4	3 Hrs
MED205	Metrology & Quality Control	4	-	-	4	20	80	-	-	100	4	3 Hrs
MED206	Engineering Thermodynamics	2	-	-	2	10	40	-	-	50	2	2 Hrs
MED221	Lab: Fluid Mechanics	-	-	2	2	-	-	25	25	50	1	-
MED222	Lab: Strength of Materials	-	-	2	2	-	-	50	-	50	1	-
MED223	Lab: Metrology & Quality Control	-	-	2	2	-	-	25	25	50	1	-
MED224	Workshop Practise – II			2	2			25	25	50	1	-
BSH225	Lab: DOS – II	-	-	2	2	-	-	50	-	50	1	-
Total of Semester – III		20	2	10	32	110	440	175	75	800	27	-
Course Code	Semester III	Contact Hrs / Week				Examination Scheme						Duration of Theory Exam
	Course	L	T	P	Total	CT	TH	TA	P	Total	Credits	
BSH251	Engineering Mathematics – IV	3	1	-	4	20	80	-	-	100	4	3 Hrs
MED252	Machine Drawing	4	-	-	4	20	80	-	-	100	4	4 Hrs
MED253	Manufacturing Process – II	4	-	-	4	20	80	-	-	100	4	3 Hrs
MED254	Applied Thermodynamics	3	1	-	4	20	80	-	-	100	4	3 Hrs
MED291-293	Elective – I *	4	-	-	4	20	80	-	-	100	4	3 Hrs
MED255	Electrical Technology	2	-	-	2	10	40	-	-	50	2	2 Hrs
MED271	Lab: Machine Drawing	-	-	2	2	-	-	25	25	50	1	-
MED272	Lab: Applied Thermodynamics	-	-	2	2	-	-	25	25	50	1	-
MED273	Lab: Workshop – III	-	-	2	2	-	-	25	25	50	1	-
MED274	Lab: Electrical Technology			2	2			50	-	50	1	-
MED275	Lab: DOS III	-	-	2	2	-	-	50	-	50	1	-
Total of Semester – IV		20	2	10	32	110	440	175	75	800	27	-
Grand Total of Semester III & IV						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:

MED291: Alternative Energy Sources

MED292: Advanced Solid Mechanics

MED293: Total Quality Management