

FOURTH YEAR B.TECH

MECHANICAL ENGINEERING

SEVENTH SEMESTER				EIGHTH SEMESTER			
Theory		Contact Hrs.		Theory		Contact Hrs.	
Course Code	Subject	L . T . P	CR	Course Code	Subject	L. T . P	CR
BME 401	Metrology Quality Control And Reliability	3 - 0 - 0	3	BME 410	Automobile Engineering	3 - 0 - 0	3
BME 402	Refrigeration And Air-Conditioning	3 - 1 - 0	4	BME 411	Mechanical Vibration	3 - 0 - 0	3
BME 403	Mechanical Engineering Instrumentation And Control	3 - 1 - 0	4		Electives-II (Any one)		
BMS 406	Advanced Mfg. Tech.	3 - 1 - 0	4	BME 412	Tribology	3 - 0 - 0	3
				BMS 415	CAD/CAM		
				BME 414	Gas Dynamics & Jet Propulsion		
				BMA 302	Optimization in Engg.		
				BME 416	Steel Technology		
	Electives-I (Any one)				Electives-III (Any one)		
BME 405	FEM	3 - 0 - 0	3	BME 417	Experimental Stress Analysis	3 - 0 - 0	3
BME 406	Non-Conventional Energy System			BMS 408	Mechatronics		
BMS 411	Emerging Trends in Mfg.			BME 418	Entrepreneurship		
BME 408	Power Plant Engineering			BEC 428	Elements of Microprocessor & Microcontroller		
BCS 421	Management Information Systems						
Sessionals				Sessionals			
BME 491	M.E. Lab.VII	0 - 0 - 3	2	BME 495	Comprehensive Viva Voce	0 - 0 - 3	2
BME 492	Practical Training Seminar	0 - 0 - 3	2	BME 496	Seminar	0 - 0 - 3	2
BME 493	Mechanical Engineering Design Project	0 - 0 - 3	2	BME 497	Major Project	0 - 0 - 9	6
BME 494	Minor Project	0 - 0 - 3	2				
	Total	15-3-12	26		Total	12-0-15	22