

MECHANICAL ENGINEERING

III B Tech

I Semester

Group	Subject code	Name of the subject	Credits			Total credits	Total Hours	Total Marks
			L	T	P			
PC	GR15A2104	Managerial Economics and Financial Analysis	3	1		4	5	100
PC	GR15A3026	Machine Design	3	1		4	5	100
PC	GR15A3029	Machine Tools	3	1		4	5	100
Open Elective I			2	1		3	4	100
Professional Elective I			3	1		4	5	100
PE	GR15A3028	Dynamics of machinery						
PE	GR15A3038	Power Plant Engineering						
PE	GR15A3037	Mechatronics						
PC	GR15A3100	Advanced English communication Lab			2	2	4	75
PC	GR15A3030	Thermal Engineering Lab			2	2	4	75
PC	GR15A3031	Machine Tools Lab			2	2	4	75
TOTAL			14	5	6	25	36	725

III B Tech

II Semester

Group	Subject code	Name of the subject	Credits			Total credits	Total Hours	Total Marks
			L	T	P			
PC	GR15A3032	Design of Machine Members	3	1		4	5	100
PC	GR15A3033	Heat Transfer	3	1		4	5	100
PC	GR15A3035	Industrial Management	3	1		4	5	100
Open Elective II			2	1		3	4	100
Professional Elective II			3	1		4	5	100
PE	GR15A3034	Metrology and Surface Engineering						
PE	GR15A4043	Robotics						
PE	GR15A4042	Flexible Manufacturing Systems						
PC	GR15A3101	Industry Oriented Mini Project			2	2	4	75
PC	GR15A3039	Heat Transfer Lab			2	2	4	75
PC	GR15A3040	Metrology Lab			2	2	4	75
TOTAL			14	5	6	25	36	725

Open Elective 1		Course Title	Department Offering
OE - I	GR15A3151	Water Resources Engineering	CE
	GR15A3152	Solar & Wind Energy Systems	EEE
	GR15A3153	Applied Thermodynamics	ME
	GR15A3154	Principles of E- Commerce	CSE
	GR15A3155	Datamining and Applications	IT
	GR15A3156	Computer Architecture and Organization	ECE
Open Elective 2		Course Title	Department Offering
OE - II	GR15A3161	Transportation Engineering	CE
	GR15A3162	Sensors & Transducers	EEE
	GR15A3163	Automobile Engineering	ME
	GR15A3164	Human Computer Interaction	CSE
	GR15A3165	Essentials of Big Data Analytics	IT
	GR15A3166	Principles of Operating Systems	ECE

