



S.Y. B. Tech (Mechanical) Structure Semester IV

Course Code	Name of Course	Course Category (As per NEP2020)	Teaching Scheme				Credits	Evaluation Scheme					
			L	T	P	Total		Theory			Practical		Total Marks
								TAE	CAE	ESE	INT	EXT	
24UMEL401	Fluid Mechanics	Program Core Course (PCC)	03	-	-	03	03	10	15	50	-	-	75
24UMEP401	Fluid Mechanics Laboratory	Program Core Course (PCC)	-	-	02	02	01	-	-	-	-	25	25
24UMEL402	Theory of Machines	Program Core Course (PCC)	03	-	-	03	03	10	15	50	-	-	75
24UMEP402	Theory of Machines Laboratory	Program Core Course (PCC)	-	-	02	02	01	-	-	-	-	25	25
24UMEL403	Differential and Integral Calculus	Program Core Course (PCC)	02	-	-	02	02	10	15	50	-	-	75
24UMEXXXX	M-II	Multidisciplinary Minor - II	02	-	-	02	02	-	-	50	-	-	50
24UXXXXXX	OE-II	Open Elective (OE) -II (Other Program)	02	-	-	02	02	10	15	25	-	-	50
24UMEP405	Modelling and Drafting Laboratory	Vocational and Skill Enhancement Course (VSEC)	-	-	04	04	02	-	-	-	50	-	50
24UBSP406	Corporate Communication	Ability Enhancement Course (AEC)	-	-	04	04	02	-	-	-	25	-	25
24UESP407	Entrepreneurship Awareness II	Entrepreneurship/ Economics/ Management Course	-	-	04	04	02	-	-	-	25	-	25
24UVEP408	Environment Studies	Value Education (VEC-I)	-	-	04	04	02	-	-	-	25	-	25
	Total		12	-	20	32	22	40	60	225	125	50	500