

MECHANICAL ENGINEERING SCHEME AY 2024-25

SEMESTER - III								
Sr. No.	Course Category	Course Code	Title of the Course	L	T	P	TCr	
1	Major	MEC-200	Strength of Materials	3	0	0	3	
		MEC-201	Strength of Materials Lab	0	0	1	1	
		MEC-202	Engineering Thermodynamics	3	1	0	4	
2	Minor/IC/ PE	MEC-221	Electrical Drives & Instrumentation	3	0	0	3	
		MEC-222	Electrical Drives & Instrumentation Lab	0	0	1	1	
		OR						
		MEC-223	Digital Electronics & Microcontroller Applications	3	0	0	3	
		MEC-224	Digital Electronics & Microcontroller Applications Lab	0	0	1	1	
3	Multi-disciplinary	SHM-232	Applied Mathematics - II	3	0	0	3	
4	AEC	AEC-251	*	0	0	2	2	
5	SEC	MEC-241	Machine Drawing & Machining Processes Lab	0	0	3	3	
TOTAL				12	1	7	20	

* AEC Courses shall be notified by the University based on the recommendations of respective Board of Studies in languages.



SEMESTER - IV								
Sr. No.	Course Category	Course Code	Title of the Course	L	T	P	TCr	
1	Major	MEC-203	Fluid Mechanics	3	0	0	3	
		MEC-204	Fluid Mechanics Lab	0	0	1	1	
		MEC-205	Kinematics of Machines	3	0	0	3	
		MEC-206	Kinematics of Machines Lab	0	0	1	1	
		MEC-207	Internal Combustion Engines	2	0	0	2	
		MEC-208	Internal Combustion Engines Lab	0	0	2	2	
		MEC-209	Manufacturing Technology - I	3	0	0	3	
		MEC-210	Manufacturing Technology - I Lab	0	0	1	1	
2	Professional Elective	MEC-225	Numerical Methods & Computer Programming	3	0	0	3	
		MEC-226	Numerical Methods & Computer Programming Lab	0	0	1	1	
		OR						
		MEC-227	Alternate Energy Sources	3	0	0	3	
		MEC-228	Alternate Energy Sources Lab	0	0	1	1	
		OR						
		MEC-229	Fundamentals of Turbo Machines	3	0	0	3	
		MEC-230	Fundamentals of Turbo Machines Lab	0	0	1	1	
TOTAL				14	0	6	20	

