BACHELOR OF TECHNOLOGY
MECHANICAL ENGINEERING
FOURTH YEAR (SEVENTH SEMESTER)
W.E.F. ADMISSION BATCH 2023-24

Sl. No.	Category	Course Code	Course	L-T-P	Credit	University Marks	Internal Evaluation
Subject (Theory)							
1	PE	MEPE4001	Computational Techniques in Mechanical Engineering	3-0-0	3	100	50
		MEPE4002	Product Realization: Design and Manufacturing				
		MEPE4003	Introduction to Composite Materials				
		CEPE3002	Computational Fluid Dynamics				
		MEPE4004	Tribology				
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2	OE	EEPE3005	Renewable Energy Sources	3-0-0	3	100	50
		CIOE4001	Remote Sensing and GIS				
		EOOE4001	Fundamental Communication System				
		MMOE4001	Introduction to Robotics				
		CSPC2003	Object Oriented Programming				
		HSOE4002	Optimization Engineering				
		HSOE4004	Project Management				
		MFPC3005	Computer Aided Design and Manufacturing (CAD / CAM)				
		CSPE3008	Evolutionary Computing				
		BTOE4001	Bio Imaging				
3	OE	EEOE4001	Energy Conservation and Auditing	3-0-0	3	100	50
		CIOE4002	Waste Management				
		EOOE4002	Introduction to Wireless Communication				
		AEOE4001	Introduction to Aerodynamics				
		CSPC2006	Design and Analysis of Algorithms				
		CSOE4001	Design Thinking				
		EVOE4001	Environmental Policy and Legislation				
		HSOE4003	Principles and Applications of Nano Technology				
		HSOE4001	Marketing Management				
		DSOE4001	Data Science and Analytics				
4	PC(ACC)	PCAC4001	Applied Data Science	3-0-0	2	100	50
		PCAC4002	Cloud and Application Development				
		PCAC4003	Cloud Networking				
		PCAC4004	IoT Technologies and Applications				
		PCAC4005	Robotics : Applications				
		PCAC4006	Cybersecurity Applications				
		PCAC4007	Applied Deep Learning				
Subject (Sessional / Practical)							
5	PSI	MEPS4201	Seminar on SIRE - II	0-0-6	1	–	100
6	PSI	MEPS4202	Project for Product Development - II	0-0-6	3	–	100
		MEPS4203	Internship Project - I				
			Total	**12-0-12**	**15**	**400**	**400**

NB : Subjects registered/completed in earlier semesters as Professional Core or Professional Elective courses shall not be opted for as Open Elective courses.

Click here to view/download the syllabus of the subjects.