

Year 2025-26

First Semester

Second Year

Mechanical Engineering

Course No. Course Name Credits (Pre-requisite)	LECTURES			TUTORIALS				PRACTICALS			
	Day	Time	Room No.	Day	Sec.	Time	Room No.	Day	Sec.	Time	Venue
TEC-227 Basic Electronics Engineering 4(3-0-2)5 (Nil)	Tue Thu Sat	9-10 9-10 9-10	P222 NCT					Mon Tue Wed	ME2 ME3 ME1	3-5 3-5 3-5	Electronics Lab
TME-255* Material Science & Engg. 4(3-0-2)5 (Nil)	Mon Wed Fri	10-11 10-11 10-11	P222 NCT					Mon Wed Sat	ME2 ME1 ME3	11-1 11-1 11-1	Material Sci. Lab
BPM-242* PDE, Probability & Statistics 5(4-1-0)5 (BPM-132)	Mon Tue Thu Fri	8-9 8-9 8-9 8-9	P211 NCT	Wed Thu Fri	ME3 ME1 ME2	4-5 4-5 4-5	P222 NCT				
BPP-201* Oscillation, Waves & Optics 4(3-1-0)4 (Nil)	Mon Wed Fri	9-10 9-10 9-10	P222 NCT	Wed Thu Fri	ME3 ME1 ME2	3-4 3-4 3-4	P222 NCT				
TME-201 # Engineering Mechanics 4(3-1-0) (Nil)	Tue Thu Sat	10-11 10-11 10-11	P222 NCT	Tue Wed Thu	ME1 ME2 ME3	11-12 11-12 11-12	P222 NCT				
NSS/NCC-201 NSS/NCC 0(0-0-4)								Sat	ME	2-6	

* Lectures will be held jointly; MED and IPED.

Lectures will be held jointly; MED and EE.

Year 2025-26

First Semester

Third Year

Mechanical Engineering

Course No. Course Name Credits (Pre-requisite)	LECTURES			TUTORIALS				PRACTICALS			
	Day	Time	Room	Day	Sec.	Time	Room No.	Day	Sec.	Time	Venue
TME-322* Kinematics of Machines 3(2-1-2)4 (Nil)	Mon Wed	10-11 10-11	P223 NCT	Thu Tue Sat	ME1 ME2 ME3	12-1 12-1 12-1	P223 NCT	Mon Tue Wed	ME1 ME2 ME3	3-5 3-5 3-5	KOM lab
TME-325 Heat Transfer 4(3-1-2)5 (Nil)	Tue Wed Thu	9-10 9-10 9-10	P223 NCT	Thu Tue Sat	ME2 ME3 ME1	12-1 12-1 12-1	P210 NCT	Mon Tue Wed	ME2 ME3 ME1	3-5 3-5 3-5	H.M.T. Lab
TME-319 Internal Combustion Engine 4(3-1-2)4 (Nil)	Tue Thu Fri	10-11 10-11 10-11	P223 NCT	Thu Tue Sat	ME3 ME1 ME2	12-1 12-1 12-1	P211 NCT	Mon Tue Wed	ME3 ME1 ME2	3-5 3-5 3-5	I.C. Lab
TIP-308 Manufacturing Technology 4(3-0-2)5	Mon Tue Fri	9-10 11-12 9-10						Thu Fri Sat	ME1 ME2 ME3	3-5 3-5 10-12	Manuf. Tech. Lab
TME-457 (Programme Elective) Gas Dynamics & Jet Propulsion 3(2-1-2)5 **	Mon Wed	11-12 11-12	P213 NCT	Thu Fri Sat	ME2 ME3 ME1	11-12 11-12 9-10	C110 NCT	Thu Fri Sat	ME2 ME3 ME1	3-5 3-5 10-12	Gas dynamics Lab
TME-466 (Programme Elective) Non-Conventional Energy Resources 3(2-1-2)5 **	Mon Wed	11-12 11-12	P223 NCT	Thu Fri Sat	ME3 ME1 ME2	11-12 11-12 9-10	P223 NCT	Thu Fri Sat	ME3 ME1 ME2	3-5 3-5 10-12	Lab
Open Elective	As per course selected										
NSS/NCC-301 NSS/NCC 0(0-0-4)								Sat	ME	2-6	

* Lectures will held jointly with IPED

** Out of two Programme Electives (TME-457 and TME-466), students have to choose any one.

Year 2025-26 **First Semester**

First Semester

Final Year

Mechanical Engineering

Course No. Course Name Credits (Pre-requisite)	LECTURES			TUTORIALS				PRACTICALS			
	Day	Time	Room No.	Day	Sec.	Time	Room No.	Day	Sec.	Time	Venue
TME-416 Advanced Solid Mechanics 4(3-1-0)4 (Nil)	Mon Wed Fri	10-11 10-11 9-10	P225 NCT	Tue Thu Sat	ME1 ME2 ME3	4-5 4-5 9-10	P225 NCT				
TME-424 Fluid Machinery and Systems 4(3-1-2)5 (Nil)	Tue Thu Fri	10-11 10-11 10-11	P225 NCT	Tue Thu Sat	ME2 ME3 ME1	2-3 2-3 9-10	P225 NCT	Tue Thu Sat	ME2 ME3 ME1	3-5 3-5 10-12	FMS Lab
TME-480 (Programme Elective) Product Innovation and Design 3(2-1-2)5	Tue Thu	11-12 11-12	P225 NCT	Mon Wed Fri	ME2 ME3 ME1	11-12 11-12 11-12	P225 NCT	Mon Wed Fri	ME2 ME3 ME1	3-5 3-5 3-5	Material Testing & Fracture Mech. Lab
TME-444 (Programme Elective) Mechanical Vibrations 3(2-1-2)5	Tue Thu	9-10 9-10	P225 NCT	Mon Wed Fri	ME1 ME2 ME3	11-12 11-12 11-12	Dyna mics Lab	Mon Wed Fri	ME1 ME2 ME3	3-5 3-5 3-5	Dynamics Lab
Open Elective	As per Course selected										
TME-495A Project 4(0-0-8)	Time table will be decided by respective Project Guides										