

Program Name: Bachelor of Technology in Mechanical Engineering (Robotics & Automation)

Program Code: ET 101

Semester: II

With Effect From: 2026-27

Subject Code	Subject Name	Course Type	Credit	Hours per week				Theory (Marks)				Practical (Marks)				Total (Marks)
				L	T	P	Total	SEE		CCA		SEE		CCA		
								Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	
2ET1000102T	Engineering Mathematics-II with Computing Tools	BSC	3	3	-	-	3	24	60	16	40	-	-	-	-	100
2ET1000102P	Engineering Mathematics-II with Computing Tools Practical	BSC	1	-	-	2	2	-	-	-	-	10	25	10	25	50
2ET1000104T	Engineering Physics	BSC	3	3	-	-	3	24	60	16	40	-	-	-	-	100
2ET1000104P	Engineering Physics Practical	BSC	1	-	-	2	2	-	-	-	-	10	25	10	25	50
2ET1000107T	Problem Solving with Computational Thinking	ESC	3	3	-	-	3	24	60	16	40	-	-	-	-	100
2ET1000107P	Problem Solving with Computational Thinking Practical	ESC	1	-	-	2	2	-	-	-	-	10	25	10	25	50
2ET1000108T	Engineering Graphics and Design	ESC	3	3	-	-	3	24	60	16	40	-	-	-	-	100
2ET1000108P	Engineering Graphics and Design Practical	ESC	1	-	-	2	2	-	-	-	-	10	25	10	25	50
2ET1000111T	Universal Human Value - II : Understanding Harmony and Ethical Human Conduct	HSMC	3	3	-	-	3	24	60	16	40	-	-	-	-	100
2ET1000112P	IT Workshop	ESC	1	-	-	2	2	-	-	-	-	10	25	10	25	50
2ET1000117	Environmental Studies *		-	2	-	-	2	-	-	-	-	-	-	-	-	-
Total			20	17	0	10	27									750

L=Lecture, T=Tutorial, P=Practical

BSC = Basic Science Course

ESC = Engineering Science Course

Note (if any):- * Subject is Non-Credit

PCC = Professional Core Course

HSMC = Humanities & Social Science including Management Course

SEE = Semester End Evaluation

CCA = Continuous & Comprehensive Assessment