

Malaviya National Institute of Technology
Jaipur Department of Mechanical
Engineering

I year scheme -2026

Course Category	Sub-Cat	Course code	Course Name	Credits	Sem I Credits	Sem II Credits
Institute Core	BSC	26MAT101	Mathematics I	2-1-0	3	
		26MAT151	Mathematics II	2-1-0		3
		26PHT151	Classical Physics	2-1-0		3
		26CYT101	Engineering Chemistry	2-1-0	3	
	ESC	26CST101	Programming with Python	2-0-0		2
		26ICP101	Makers Lab	0-3-6	6	
		26CHT101	Data Analytics	2-0-0	2	
		26CET101	Environmental Science	1-0-0		1
	HSSC	26HSP101	Soft Skills Foundational Lab	0-0-2		1
		26HST101	Human Values and Professional Ethics	1-0-0		1
	Labs	26PHP101	Physics Lab	0-0-2		1
		26CYP101	Engineering Chemistry Lab	0-0-2	1	
		26CEP101	Engineering Drawing Lab	0-0-2		1
		26CSP101	Programming with Python Lab	0-0-2		1
Program Core	(PC)	26MET152	Material Science and Engineering	3-0-0		3
		26MET151	Engineering Mechanics	2-1-0		3
		26MET101	Engineering Thermodynamics	3-1-0	4	
		26MEP101	Experiential Learning Lab	0-0-2	1	
			Total		20	20
Total Institute Core (IC)					15	14
Program Core (PC) (11–14) + 3 in case Engg. Eco.					5	6
Total Number of Courses					7	11