

GATE ME 2027 4 Months Preparation Plan

Month-Wise Targets and Mock Tests: 8 October 2026 to 31 January 2027 | about 45 hours a week | 10 full mocks

<https://gatenotes.org/gate-me-2027-4-months-preparation-plan-month-wise-targets/>

Monthly Targets and Weekly Topics

Month / Week	Topics and Targets	Done
OCTOBER	TARGETS: Finish: Engineering Mathematics and the full Manufacturing section Solve: 300+ PYQs and practice questions Test: 1 subject test each for Maths and Manufacturing Score check: 60% or more in both subject tests	
8 to 11 Oct	Linear algebra, calculus, vector calculus	[]
12 to 18 Oct	Differential equations, complex variables, probability and statistics, numerical methods	[]
19 to 25 Oct	Engineering materials (now including polymers, composites and ceramics), casting with defects, forming, welding, solid-state welding and NDT	[]
26 Oct to 1 Nov	Machining with ASA and ORS tool geometry, tool life, non-traditional machining, additive manufacturing, metrology, CAD/CAM, CNC, PLCs and actuators	[]
NOVEMBER	TARGETS: Finish: Thermodynamics with applications, Fluid Mechanics, Turbomachinery and Heat Transfer Solve: 350+ PYQs and practice questions Test: 1 subject test per subject, plus a 1-hour mixed test every Sunday on October subjects Score check: 55% or more in thermal subject tests	
2 to 8 Nov	Laws of thermodynamics, entropy, availability, power cycles, IC engines, basics of combustion, refrigeration and psychrometry	[]
9 to 15 Nov	Turbines, compressors, pumps and pump characteristics; fluid statics, control-volume analysis, Bernoulli's equation	[]
16 to 22 Nov	Viscous flow, boundary layer, pipe flow losses, velocity potential, compressible flow and nozzles	[]
23 to 29 Nov	Conduction, fins, unsteady conduction, convection, boiling and condensation, heat exchangers, radiation	[]
DECEMBER	TARGETS: Finish: Engineering Mechanics, Mechanics of Materials, Theory of Machines, Vibrations, Machine Design and Industrial Engineering Solve: 350+ PYQs and practice questions Test: 2 full mocks, on 27 December and 3 January Score check: 40+ marks in your first full mock	
30 Nov to 6 Dec	Engineering Mechanics (free-body diagrams, friction, trusses, virtual work, rigid body dynamics) and the first half of Mechanics of Materials	[]
7 to 13 Dec	Stress transformation, Mohr's circle, thin-walled pressure vessels, beams, torsion, columns, energy methods, mechanical properties	[]
14 to 20 Dec	Mechanisms, cams, gears, flywheels, balancing, gyroscope, 1 and 2 degree-of-freedom vibrations, control systems and PID basics	[]
21 to 27 Dec	Machine Design (fatigue, joints, shafts, gears, belt drives, bearings, springs) and production planning, work study, six sigma and inventory; 1st mock on Sunday 27 December	[]
28 Dec to 3 Jan	Operations research (linear programming, transportation, assignment, queuing, PERT and CPM) and quality and reliability; 2nd mock on 3 January	[]
JANUARY	TARGETS: Finish: no new topics; only revision from short notes and formula sheets Test: 8 more full mocks, 2 per week Score check: 55+ marks in your last 3 mocks	
4 to 31 Jan	Revise Maths and Manufacturing from 4 to 10 January, Thermal, Fluids and Heat Transfer from 11 to 17 January, Mechanics, Machines and Design from 18 to 24 January, and Industrial Engineering plus your error notebook from 25 to 31 January. Keep 1 to 5 February for formula sheets alone, with no new questions.	[]

Mock Test Score Ladder

Mock	Date	Target Score
1	27 December	40+
2	3 January	42+
3 and 4	4 to 10 January	45+
5 and 6	11 to 17 January	50+
7 and 8	18 to 24 January	52+
9 and 10	25 to 31 January	55+

Below the ladder? Spend 2 days on your weakest section before the next mock. Daily: General Aptitude + formula sheet revision.

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