Parth Babariya
M.Tech CSIS
Marks-46
Rank-133

PGEE 2024
Shortlist Cutoff- 39.5
Round 3 Cutoff- 45.5

Round 3 Closing Ranks Details of M.Tech in 2024-25 Academic Year

Program	Rank
CSE	112
CASE	484
CSIS	151
PDM	420

→ Calculations

① squares : 1 to 20   ④ Basic Trignometry formula.

② Cubes : 1 to 10

③ Tables : 1 to 20/25

④ **Pythagorean Triples**

(3, 4, 5)	(5, 12, 13)	(8, 15, 17)	(7, 24, 25)
(20, 21, 29)	(12, 35, 37)	(9, 40, 41)	(28, 45, 53)
(11, 60, 61)	(16, 63, 65)	(33, 56, 65)	(48, 55, 73)
(13, 84, 85)	(36, 77, 85)	(39, 80, 89)	(65, 72, 97)

|	
sin θ	Perpendicular / Hypotenuse
cos θ	Base / Hypotenuse
tan θ	Perpendicular / Base
sec θ	Hypotenuse / Base
cosec θ	Hypotenuse / Perpendicular
cot θ	Base / Perpendicular

NUMBER SYSTEMS

PROGRESSIONS

AVERAGES

ALLIGATIONS

PERCENTAGES

RATIO, PROPORTION AND VARIATION

Algebra →
- FUNCTIONS
- INEQUALITIES
- QUADRATIC AND OTHER EQUATIONS
- LOGARITHMS

Counting →
- PERMUTATIONS AND COMBINATIONS
- PROBABILITY
- SET THEORY
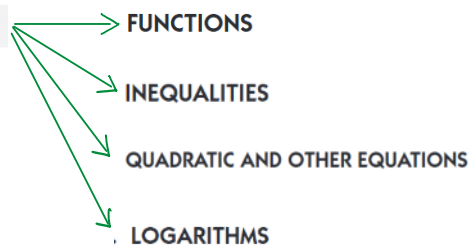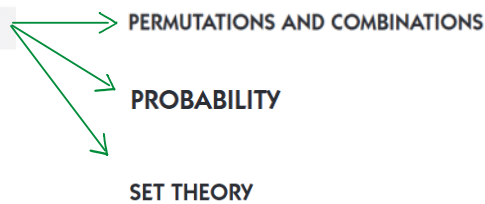
** TIME AND WORK

** TIME, SPEED AND DISTANCE

**** GEOMETRY AND MENSURATION

* COORDINATE GEOMETRY

** INTEREST

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3 Types of Students

①
GATE All Subjects Done

① Do 1 mark + 2 mark easy Gate PYQs

② Focus more on Aptitude.

②
Few Subjects Remaining

① Complete remaining subjects (or watch crash course)

② Do 1 mark +

③
Not done Any Technical subjects.

① Priority : Aptitude

② Watch summary of All subjects. (or crash course)
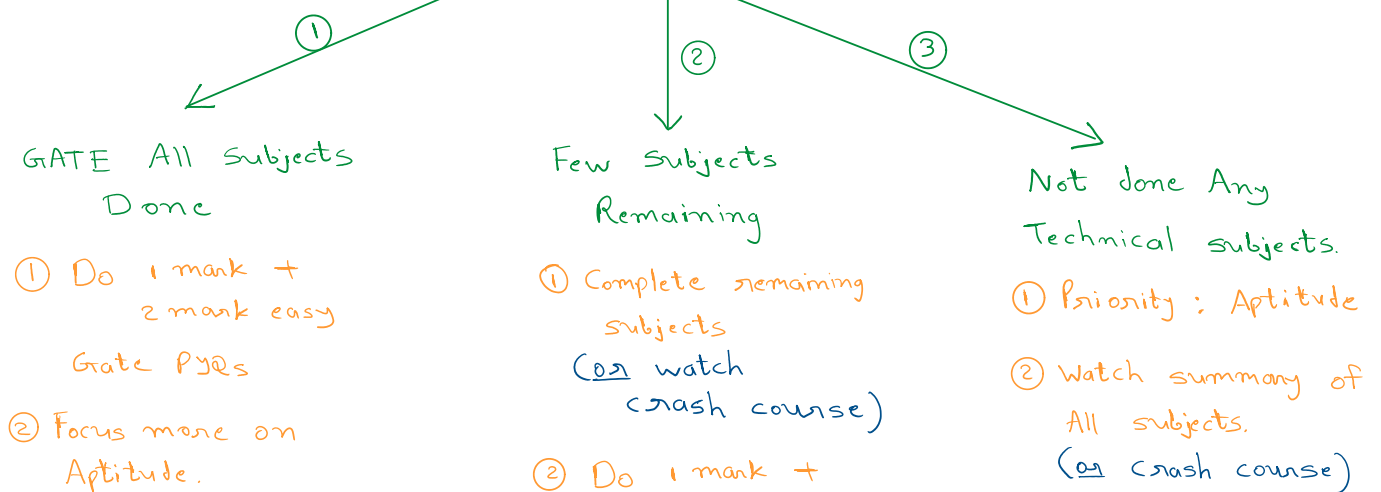
② Focus more on Aptitude.

③ You can do maths extra topic mentioned in syllabus.

(Crash course)

② Do 1 mark + 2 mark easy Gate PYQs

③ Balance Aptitude and Technical

All subjects.
(or Crash course)
or
Complete 2 or 3 easy subjects.
(E.g. c programming, Data structure, DBMS)

Common Advise : ① 5 Daily Comprehension (+ D.I.)

② Daily or alternate day shortnotes Revision.

③ Daily Aptitude formula Revision (like Geometry and Mensuration)

Problems on Ages

Partnership

Boats and Streams

Pipes and Cisterns

Problems on Trains

Area
Volume and Surface Area

Calendar

Clocks

Heights and Distances

Races and Games of Skill