



ROHINI COLLEGE OF ENGINEERING AND TECHNOLOGY

TRP1301 – APTITUDE SKILL PHASE – I

Objectives:

- To critically evaluate various real-life situations
- To resort to an analysis of key issues and factors
- To enhance the problem-solving skills
- To reduce the time taken for performing job functions
- To demonstrate various principles involved in solving mathematical problem

Course outcomes:

After completing this training course, students will be able to

- a) use their logical thinking and analytical abilities to solve aptitude questions
- b) enhance the Aptitude Round Clearing ability in interview process
- c) solve the real-time problems for performing job functions easily
- d) develop professional and ethical attitude
- e) aid the attitude of working in group/with people for quality output
- f) summarize, analyze and interpret graphs, diagrams, tables or mathematical text.

Who can undergo this course?

2nd year students

Syllabus:

UNIT – I

Numbers – HCF and LCM – Squares and Square roots – Simplification – Average – Problems on Ages – Percentage.

UNIT – II

Number series – Alphabet series – Mathematical puzzles – Direction sense test – Analogy on numbers

UNIT – III

Ratio and Proportion – Partnership – Allegation or Mixture – Profit & Loss – Time and Work (including Pipes and Cisterns) – Time and Distance (including Boats and Streams).

Text Books & References:

1. Course in Mental Ability and Quantitative Aptitude, Edgar Thorpe, Tata McGraw Hill Education Pvt Ltd, New Delhi (2000).
2. Quantitative Aptitude for Competitive Examinations, R.S.Aggarwal, S.Chand Publications, 2001.
3. Quantitative Aptitude and Reasoning, R.V.Praveen, Prentice Hall of India, New Delhi, 2016.
4. Fast Track Objective Arithmetic, Rajesh Verma, Arihant Publication, 2018.
5. Quantitative Aptitude Quantum CAT, Sarvesh K. Verma, Arihant Publication, 2019.

Course Offered by:

Rohini College of Engineering and Technology, Palkulam, Kanyakumari.

FACULTY HANDLED: **Dr. N. AMUTHA PRIYA, AP/EEE**



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