CHSL1 **EMPLOYABILITY SKILLS-I** **L T P C Int Ext**

Quantitative and Analytical Skills

COURSE OBJECTIVES:

1. To strengthen core numerical and logical reasoning abilities for fast and accurate problem-solving.
2. To develop analytical thinking through structured Quant and reasoning challenges.
3. To prepare learners to confidently tackle aptitude assessments used in campus and corporate hiring.

COURSE OUTCOMES:

After successful completion of the course, the students are able to

1. solve Quantitative Aptitude and Logical Reasoning problems with improved speed and accuracy.
2. develop strong analytical thinking, enabling them to interpret patterns, analyze data, and make logical decisions.
3. confidently apply Quant and reasoning strategies to clear placement aptitude tests and solve real-world problems.

Practice Topics:

Arithmetic:	**Core Reasoning:**
• Number System	• Blood Relations
• LCM & HCF	• Direction Sense
• Partnership	• Number series
• Time, Distance & Trains	• Visual Reasoning
• Races, Boats & Streams	• Analogy
• Time & Work, Piper & Cisterns	• Directions
• Averages, Mixtures & Allegations	• Coding and Decoding
• Percentages	• Clocks & Calendars
• Profit & Loss	• Statements & Conclusions
• Simple & Compound Interest	• Data Sufficiency
• Ratio & Proportion	
• Simplifications & Approximations	**Puzzle-Based Reasoning:**
• Equations, Ages	• Seating Arrangement
• Man days & Wages, Chain Rule	• Puzzles
• Permutations & Combinations	• Syllogisms
• Probability	• Cubes & Dices
• Statistics & Functions	
• Geometry, Mensuration	
• Data Interpretation	