

## Value Added Course

<b>VAC-01:</b>	<b>COMPETITIVE EXAM COACHING</b>	<b>L T P</b>
	Course Code - VEXTCEC009	2 1 0

**Pre-requisite: Basic Arithmetic Skills**

### Course Outcomes:

On successful completion of the course the students will be able to:

1. Solve Advance Quantitative problems
2. Use the reasoning skills efficiently.
3. Competent to be successful in competitive exam.

### Syllabus:

#### Module 1: Basics of Quantitative Abilities

Averages, Percentages, Ratio and Proportion, Partnerships

#### Module 2: Arithmetic Abilities

Profit and Loss, Simple and Compound interest, Problems on ages, Time and Distance, Time and Work, Mixtures and Allegations, Permutation and Combination, Probability, Calendars

#### Module 3: Logical Reasoning

Number Series, Problems based on Cubes, Clocks, Number and Letter Series, Coding and Decoding, Blood Relations, Data Arrangements, Data Sufficiency, Direction Sense, Venn Diagram, Syllogism, Visual Reasoning.

### Reference Books:

1. Dr. R. S Aggarwal, "Quantitative Aptitude for Competitive Examinations", S. Chand Publishing, 2018.
2. R.V. Praveen, "Quantitative Aptitude and Reasoning" PHI Learning, 2012.
3. Dr. R. S Aggarwal, "A Modern Approach to Verbal and Non Verbal Reasoning," S. Chand Publishing, 2016.

