

**SAINTGITS COLLEGE OF APPLIED SCIENCES**

**VALUE ADDED COURSE 2018-19**

# **COMPETITIVE EXAM COACHING**



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## CONTENT

- Introduction, Averages, Percentages, Profit and Loss Partnerships, Ratio and Proportion, Simple and Compound Interest, Ages, Time and Distance,
- Trains Boats and Streams, Time and Work, Pipes and Cistern
- Clocks, Crypt arithmetic, Assessment, Discussion
- Calendar, data interpretation, mixtures and allegations, permutation and combination
- Probability, number and letter series, coding, decoding. cubes and cuboids, Blood relations,
- Data arrangement, data sufficiency, direction sense
- Venn diagram, syllogisms, visual reasoning introduction

## FEATURES

- Hand outs for each and every topic
- Structured syllabus to help students to clear any competitive examination.
- Discussion on questions asked In the recent placement papers.



## ADVANTAGES

- Increases their numerical ability and analytical thinking.
- Better decision-making ability.
- Improves intelligence level, common sense, and presence of mind.
- Students can get a job offer before they could complete their degree.

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## ABOUT THE COURSE

Competitive exam coaching aims to improve the numerical and analytical reasoning skills of young minds and make them job ready. Generally, companies are using aptitude tests to measure the general intelligence and learning ability. Since majority of companies and institutes use aptitude tests as a selection criterion, job seekers especially fresh graduates should be well versed in concepts related to aptitude.



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## OBJECTIVES

To enhance the numerical ability and the reasoning skills of students and to be successful in competitive examinations and be employable

## EXPECTED OUTCOMES

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

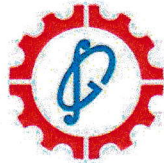
- Understand the concepts of quantitative aptitude and be able to solve problems.
- Understand the concepts of logical reasoning and fair well in reasoning ability
- Solve placement papers covering quantitative ability and logical reasoning
- Compete in various competitive examinations.

## DURATION

30 HOURS



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## 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.







