



**SANT BABA BHAG SINGH UNIVERSITY,
JALANDHAR**

**VALUE ADDED COURSE
ON
QUANTITATIVE APTITUDE TEST TRAINING IN MATHEMATICS**



DEPARTMENT OF PHYSICAL SCIENCES (UIS)

**DURATION - (2 WEEKS) MINIMUM 30
HOURS**

SANT BABA BHAG SINGH UNIVERSITY
Department of Physical Sciences (UIS)

Value Added Course on Quantitative Aptitude Test Training in Mathematics

The value added course on Quantitative Aptitude Test Training in Mathematics aware the students about person's skills, abilities, professional attitude and personality traits.

Course Name	Course Code	Duration	Batch Timing	Tentative Batch Start Date	Course Coordinator
Value Added Course on Quantitative Aptitude Test Training in Mathematics	MAT001	Minimum 30 contact Hours			Dr. Inderdeep Singh, Assistant Professor of Mathematics, Department of Physical Sciences (UIS)

Eligibility: 10+2 with minimum 50% marks

Prerequisites: As per course requirement

Course Fee: Not Applicable

Course Duration Information: Minimum 30 Hours

VENUE

Block No. 5, Sant Baba Bhag Singh University, Jalandhar, Punjab (India)

For more Information Contact

Dr. Inderdeep Singh
Assistant Professor of Mathematics
Department of Physical Sciences (UIS)
Sant Baba Bhag Singh University, Jalandhar, Punjab (India)

Course Title	Quantitative Aptitude Test Training in Mathematics
Course Code	MAT001
Type of Course	Value Added Course
Duration	2 weeks (30 Hours)
Course Prerequisites	All Inter Department UG & PG students
Course Objectives	This course is designed to understand an individual's ability to successfully perform particular tasks. The goal of an aptitude test is to uncover an individual's strengths and weaknesses, along with their ability to succeed in specific situations.
Course Outcomes	<ol style="list-style-type: none"> 1. An aptitude test helps students understand the area of interest and strengths better. 2. It provides clarity to students on which career path is most suited based on their skill sets. 3. Aptitude tests are designed to determine an individual's skill or ability to succeed in a particular niche/field. 4. Aptitude tests assess a person's skills, abilities, professional attitude and personality traits. They will involve a combination of maths, verbal concepts, abstract thinking, field-specific reasoning problems, personality tests and others.

Course Syllabus

UNIT-I

Number System, Natural numbers, Whole numbers, Integers, Rational and Irrational numbers, Real numbers, Complex numbers, Prime numbers, Composite numbers, Co-Prime numbers, Test of Divisibility, HCF & LCM, Averages, Ratio and Proportion, Percentages, Time, Speed and Distance.

UNIT-II

Permutation, Combination, Circular Permutation, Binomial Theorem, Probability, Geometry and Elementary Algebra, Algebraic expression, Linear equations, Quadratic equations, Inequality.

UNIT-III

Coding-Decoding, Series, Clocks (Explanation & Conditions), Puzzles, Directions, Cost Price, Selling Price, Profit (Gain), Loss, Simple and Compound Interest.

UNIT-IV

Data Interpretation, Data presentation in the form of Table Chart, Bar Graph, Line Graph.