



# SANT BABA BHAG SINGH UNIVERSITY, JALANDHAR

**Value Added Course:  
APTITUDE TEST TRAINING  
IN MATHEMATICS**



## Department of Physical Sciences (UISH)

DATE: 13/07/2020

DURATION: 30Hours

COORDINATOR:  
Dr Inderdeep Singh  
Assistant Professor (Mathematics)  
Department of Physical Sciences  
University Institute of Sciences & Humanities  
Sant Baba Bhag Singh University, Jalandhar



## REGISTRATION FORM

Value Added Course on **APTITUDE TEST TRAINING IN MATHEMATICS**

Name \_\_\_\_\_

Date of birth \_\_\_\_\_ Department \_\_\_\_\_

Class/Semester \_\_\_\_\_

Address for correspondence \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Contact No. \_\_\_\_\_

Email \_\_\_\_\_

Signature of Applicant

### VENUE

Block No.5, Room No. 310, Sant Baba Bhag Singh University, Jalandhar, Punjab, India.

### For more Information Contact

Dr Inderdeep Singh (Assistant Professor) Mathematics  
Room No. 315, Block No.5  
Department of Physical Sciences  
University institute of Sciences & Humanities  
Sant Baba Bhag Singh University, Jalandhar, 144030.  
Contact No. 8427748242



## APPLICATION FOR CONDUCTING VALUE ADDED COURSES

**1. Name of the Department: PHYSICAL SCIENCES**

**2. Programme: UG &PG**

**3. Details of the Value Added Courses:**

**a. Name of the Value Added Courses:** Aptitude Test Training in Mathematics

**b. Type of Value Added Courses:** THEORY (M.C.Q/OBJECTIVE TYPE)

**c. Short Description:** 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.

**d. Syllabus including:**

**Week 1:** Number system, Averages, Ratio and Proportion, Percentages, Time and Distance, Mixture and Allegation, Permutation and Combination, Probability, Geometry and Algebra,

**Week 2:** Coding-Decoding, Series, Clocks, Puzzles, Direction and Ranking, Data Interpretation, Data is presented in the form of Table chart, bar graph, line graph.

**4. Target audience:** UG(B.Sc NM/B.Sc CS/B.ScHons. Math/B.Tech); PG (MSc Mathematics)

**5. Details of Faculty handling the course:**

**a. Name of the Faculty handling the Value Added course:** Dr. Inderdeep Singh

**b. Details including designation and expertise:** Assistant Professor (Mathematics),  
Department of Physical Science, Expertize in Numerical Analysis, Wavelet methods.

**c. Contact details**

Email ID: [inderdeeps.ma.12@gmail.com](mailto:inderdeeps.ma.12@gmail.com)

Phone No: 8427748242

**6. Tentative Time Table: 2 WEEKS (12.00-2.30PM)**

Course Name	Course Code	Duration	Batch Timings	Tentative Start Date	Batch
Aptitude Test Training in Mathematics	<b>MAT 001</b>	2 weeks (30 hours)	2.5hrs(12.00-2.30pm)	September onwards	2020

**7. Number of students opting for the course: 30-40 (Tentative)****8. Department Consultative Committee:**

S.NO.	Name	Designation	Department	Institute	Position
1	Dr. Nisha Sharma	<b>Coordinator</b>	Physical Science	UISH	Chairperson
2	Dr. Mithu Maiti Jana	Assistant professor	Physical Science	UISH	Member
3	Dr. Ashima Kanwar	Assistant professor	Physical Science	UISH	Member
4	Dr. Inderdeep Singh	Assistant professor	Physical Science	UISH	Member
5	Dr. Honey Sharma	Assistant professor	Physical Science	UISH	Member

**9. Name and Designation of the Coordinator:**

Dr. Inderdeep Singh

Assistant Professor (Mathematics),

Department of Physical Science.

**Head of the Department**

(with date & seal)

**Dean Academics**

**Controller of Examination**



## Value Added Course : APTITUDE TEST TRAINING IN MATHEMATICS

Value added courses are the types of courses which help a particular individual to develop their skills in their chosen field of the study. The Value Added Courses aim to provide additional learner centric graded skill oriented technical training, with the primary objective of improving the employability skills of students. It is important for all institutions to supplement the curriculum to make students better prepared to meet industry demands as well as develop their own interests and aptitudes.

Course Name	Course Code	Duration	Batch Timings	Tentative Batch Start Date	Course Coordinator
Aptitude Test Training in Mathematics	MAT001	2 weeks ( 30 hours)	12.00-2.30pm (tentative)	September 2020..onwards	Dr. Inderdeep Singh

### Eligibility:

UG/PG

### Prerequisites

*Students must have learnt Mathematics as core subject at undergraduate level.*

### Course Fee:

Not Applicable

### Course Duration information:

2 weeks ( 30 hours)

### Course Syllabus

**Week 1:**Number system, Averages, Ratio and Proportion, Percentages, Time and Distance, Mixture and Allegation, Permutation and Combination, Probability, Geometry and Algebra.

**Week 2:**Coding-Decoding, Series, Clocks, Puzzles, Direction and Ranking, Data Interpretation, Data is presented in the form of Table chart, bar graph , line graph

### Course Outcome

After the completion of this course: Students can compete any competitive exam.

It will enhance their mental ability and reasoning skills.

It will facilitate focused learning.