



# Add on Course on Elementary Mathematics for Competitive Examination



## Chairperson

Dr. Kamal Krishna  
Sarkar, Principal, Sripat  
Singh college

## IQAC Coordinator

Dr. Sagar Simlandy  
Asstt. Professor  
Sripat Singh College

## Course Coordinators

Dr. BM Uzzal Afsan &  
Sri Ashok Raj Mahali  
Department of Mathematics,  
Sripat Singh College

**M-8436944837**

## Jt. Course Coordinator

Dr. Sudhanhsu Kumar  
Biswas

Department of Mathematics  
Sripat Singh College  
M-8906713755

Organized by Department of Mathematics in  
Collaboration with IQAC, Sripat Singh College,  
Jiaganj

## Course details

**Name:** Elementary Mathematics for Competitive Examination

**Type:** Certificate course

**Duration:** 27.03.2024 to 27.04.2024

**Eligibility:** All Undergraduate and Post Graduate students of Sripat  
Singh College

**Intake Capacity:** 150

**Mode of class:** Blended (online and offline)

**Time:** 10am to 11 am and 6 pm to 7 pm

**Last date of Registration:** 26.03.2024

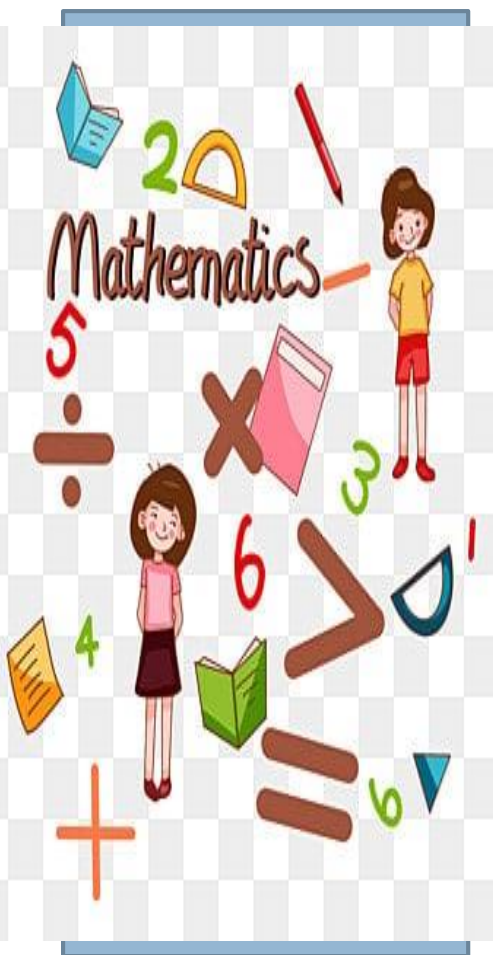
**Venue:** Department of Mathematics

**Registration link:** [https:](https://forms.gle/ASA7akB3saVcGgt99)

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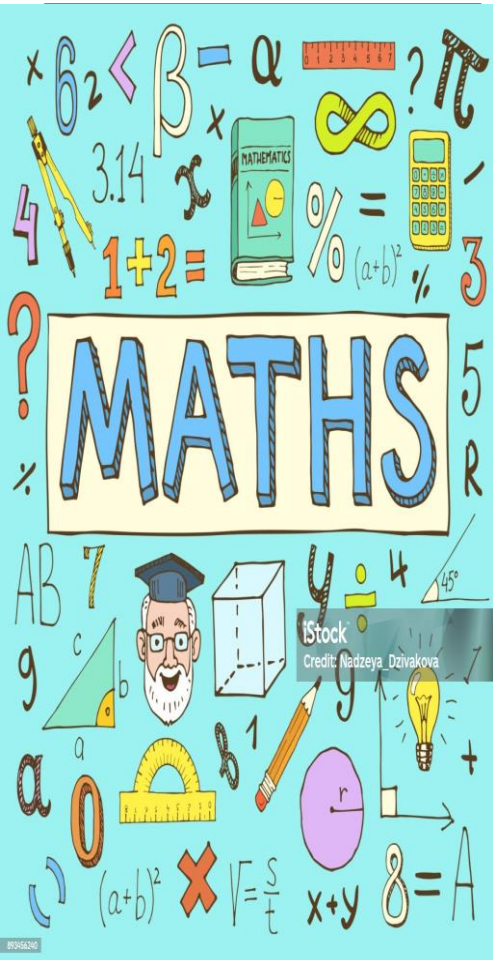
Please read the general instructions before registration

# Programme Schedule and Course Structure



Date	Topic	Resource Person	Duration of Lectures
27.03.2024	Inauguration Session		
	Unit I	Dr. B M Uzzal Afsan	8 hours
	Unit II	Dr. Sudhanshu Kumar Biswas	8 hours
	Unit III	Sri. Prosanta Mamdal	8 hours
	Unit IV	Sri. Ashok Raj Mahali	8 hours
26.04.2024	MCQ Test in online mode		
27.04.2024	Valedictory Session		

# General Instructions



- 75 % attendance is mandatory and appearing and securing 60% marks on an MCQ type test on the whole courses at the end of the program is mandatory , failing which certificates shall not be given. Certificate will be issued to the participants on successful completion of the course.
- Submission of feedback about the programme/resource person is mandatory.
- Online class link will be provided on WhatsApp group in time.
- Candidates should click on the following link to join the Whatsapp group:

<https://chat.whatsapp.com/DbWnkC60s0Q2IPySrpALAW>

# Syllabus Distribution

Name of the Resource Person	Unit	Topics
Dr. B M Uzzal Afsan	I	Number system, HCF & LCM, Decimal Fraction, Linear Equation, square root, cube root, simplification, Surds & Indices, Trigonometry
Dr. Sudhanshu Kumar Biswas	II	Mensuration (area, volume & surface Areas), Permutation & combination, Probability, Frequency Distribution, Mean, Median, Geometry (lines, angles, circles)
Sri. Prosanta Mandal	III	Percentage, Profit & Loss, Ratio & Proportion, Average, simple interest, Compound Interest, Mixture
Sri. Ashok Raj Mahali	IV	Partnership, Time & Work, Time & Distance, problem on ages, clock, Calendar. Pipe & Cistern, basic operation & Factorization, mathematics in day life