



# Initiation into Mathematics (InitMath)

under the aegis of Mathematics Training and Talent Search (MTTS) TRUST

@ Department of Mathematics, Mangalore University

Mangalagangothri, Mangalore-574 199

March 13-18, 2023

(Funded by National Board for Higher Mathematics (NBHM))



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## BACKGROUND

The Mathematics Training and Talent Search (MTTS) programme is one of the most popular and significant training programmes in India. This programme has been running since 1993 and has made an impressive impact on the mathematical scene in the country. We receive a large number of applications from all parts of the country, but due to limitation of resources and seats, lot of deserving students do not get a chance to participate in main camps of the MTTS. In order to provide opportunities to a large number of students at regional levels, an **InitMath** (also known as mini-MTTS) programme has been initiated and runs on the same line of the main MTTS.

## AIM OF THE Programme

The aim of the programme is to expose bright young students to the excitement of doing mathematics, to promote independent mathematical thinking and to prepare them for higher aspects of mathematics.

## Academic Programme

Three fundamental courses in Mathematics will be taught by highly experienced faculty in MTTS teaching methodology.

The aim of the instruction is not to give routine lectures but to stimulate the participants to think and discover mathematical results on their own.

## Organizers

**Academic Coordinator:** Dr. A. Satyanarayana Reddy  
Shiv Nadar Institution of Eminence, Uttar Pradesh-201314  
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**Local Coordinator:** Dr. Chandru Hegde  
Asst. Professor and Chairman, Department of Mathematics,  
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## Eligibility & Selection

Second year undergraduate students with Mathematics as one of their main subjects. Students from the Karnataka and neighboring states will be given preference.

The selection will be on merit, based on consistent and good academic records and recommendation by a mathematics teacher.

## IMPORTANT DATES

**Online application starts on:** February 15, 2023.  
**Last date for online application:** February 28, 2023.  
**Date of publishing selection list:** March 04, 2023.  
**Programme dates:** March 13–18, 2023.

## Application Procedure

Interested students can apply online by accessing

<https://mtts.org.in/programme/im2023mngu>

List of only selected participants will be displayed on the MTTS website. Sleeper class train fare or state bus fare and accommodation will be provided to the selected non local participants. Food will be provided to all the participants.

## About Department of Mathematics, Mangalore University

The Department of Mathematics was started as a P.G. Centre of University of Mysore in 1968 and was initially hosted at N.I.T.K., Surathkal to cater to the needs of the districts of Dakshina Kannada, Kodagu and Udupi. In the year 1972, the Department was shifted to the new campus at "Konaje" known as "Mangalagangothri". It became a full-fledged Department of Mangalore University form 1980.

The Department offers M.Sc. and Ph.D. programmes in Mathematics. Over the years, the department is actively involved in research activities in the specialized areas like, Graph theory, Lattice theory, Algebra and Numerical Analysis. Conferences, seminars, workshops and invited talks are frequently organized to facilitate research and create academic ambience among the students. There is a good response to the M.Sc. Programme and successful students are employed in various organizations. Students are encouraged and motivated to crack NET/SLET/GATE exams by providing constant support in terms of guidance and motivation; as a result many students have successfully qualified.

## ABOUT THE MTTS TRUST

MTTS-TRUST is a non-profit educational trust. The primary object of the trust is to organize all activities under MTTS umbrella and any other training camps as deemed necessary or important for the country to keep its eminence in higher mathematics. If you wish to contribute to MTTS (financial or otherwise), please get in touch with us.

[www.mtts.org.in/mtts-trust](http://www.mtts.org.in/mtts-trust)

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