



<https://mtts.org.in>

# Initiation into Mathematics (InitMath)

[UNDER THE AEGIS OF MTTTS TRUST]

@Mahatma Gandhi University, Nalgonda, Telangana

March 17-22, 2025

Funded by National Board for Higher Mathematics (NBHM)



<https://mguniversity.ac.in>

## 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 Init-Math (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

There will be courses in Linear Algebra, Real Analysis and Foundations and 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.

## ORGANISERS

### Local Coordinator :

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### Academic Coordinator :

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## ABOUT THE MTTTS 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.

<https://mtts.org.in/mtts-trust>

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## IMPORTANT DATES

**Online application starts on :** February 15, 2025.

**Last date for online application :** March 2, 2025.

**To receive online teacher recommendation:** March 3, 2025.

**Date of publishing selection list :** March 5, 2025.

**Programme dates :** March 17 – 22, 2025.

## ELIGIBILITY

Second year undergraduate students (those who have completed two semesters) with Mathematics as one of their main subjects are eligible. Students from Telangna will be given preference, and those from neighbouring states will be considered.

## APPLICATION PROCEDURE & SELECTION

Interested students can apply online by accessing

<https://mtts.org.in/programme/im2025tg>

Only selected candidates will be informed of their selection by March 5, 2025. The list of selected candidates will also be posted on the MTTS website <https://mtts.org.in>

Sleeper class train fare or (non-AC) state bus fare, and accommodation will be provided to the selected non-local (outstation) participants. Food will be provided to all participants.

Any other instructions and guidelines for the participants will be published on the MTTS website <https://mtts.org.in>

## ABOUT MAHATMA GANDHI UNIVERSITY

Mahatma Gandhi University, established in 2007, is a prominent educational institution in the state of Telangana, India. Despite its relatively young age, the university has made significant strides in offering a wide range of interdisciplinary programs. It focuses on fostering sustainable development through its academic offerings.

The university provides courses across various disciplines, including Arts, Basic Sciences, Social Sciences, Commerce, Business Management, Engineering, and Technology. With its sound infrastructure, sprawling campus of 250 acres in Nalgonda, and excellent faculty, the university has managed to establish a reputation for academic excellence and research. Its multi-faceted approach aims to nurture well-rounded individuals, ready to contribute meaningfully to society and industry.

## ABOUT THE DEPARTMENT

The Department of Mathematics at Mahatma Gandhi University was established in 2007, coinciding with the university's founding. Since its inception, the department has been committed to providing high-quality education in mathematics. It offers both Post Graduate (PG) and Ph.D. programs, catering to students who are keen on advanced studies in mathematics.

The department's focus is on equipping students with robust teaching and research skills, ensuring they are prepared for various career opportunities. Graduates from the department are trained to meet the needs of academic institutions, industries, and research and development organizations, which require strong mathematical expertise.