



# Initiation into Mathematics (InitMath)

[Under the aegis of Mathematics Training and Talent Search (MTTS) Trust]

Venue: Department of Applied Mathematics

**Amity University Madhya Pradesh, Gwalior - 474 005**

**November 3-8, 2025**

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



## BACKGROUND

**MTTS:** 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 every summer since 1993, in various venues around the country, including moving online for 2020 and 2021, the two years impacted by Covid. These annual summer camps have made an impressive impact on the mathematical scene in the country.

**InitMath:** A large number of applications are received from all parts of the country for the annual summer camps, but due to limited resources and seats, many deserving students do not have the opportunity to participate in them. In order to overcome this and to provide opportunities to a large number of students at regional levels, an InitMath (formerly known as miniMTTS) program has been conducted since 2010. This camp of a duration of one week runs a long the same lines as the annual summer camp.

## 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 help the participants gain a high level of confidence for self study to undertake advanced courses in mathematics.

## ACADEMIC PROGRAMME

Three fundamental courses in mathematics will be taught by faculty who are highly experienced in the teaching methodology of MTTS. The intent of the instructions is not to give routine lectures, but to stimulate the participants to think and discover mathematical ideas and results on their own.

## ORGANIZERS

### Local Coordinators:

Dr. Ram Kumar

Dr. Rajat Vaish

Department of Applied Mathematics

Amity University Madhya Pradesh, Gwalior - 474 005

+91 9709775959

+91 9412655033

✉ ramkumarbhu1991@gmail.com

### Academic Coordinator:

Dr. Vikram Aithal

Department of Mathematics

Institute of Chemical Technology, Mumbai-400019

+91 8657457367

✉ vikram.aithal@gmail.com

## ABOUT THE MTTS TRUST

The MTTS Trust is a non-profit educational trust. The primary objective of the trust is to organize all activities under the 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.

For more details on the MTTS trust, visit <https://mtts.org.in/mtts-trust>

+91 9004047941

✉ mttstrust@gmail.com

## IMPORTANT DATES

<b>Online application starts on:</b>	Aug 26, 2025
<b>Last date for online application:</b>	Sep 26, 2025
<b>Last date to receive online recommendations:</b>	Sep 29, 2025
<b>Date of publishing selection list:</b>	Oct 09, 2025
<b>Confirmation of participation by selected applicants:</b>	Oct 13, 2025
<b>Programme dates:</b>	Nov 03-08, 2025

## ELIGIBILITY & SELECTION

Second year (3rd/4th semester) undergraduate students with Mathematics as one of their main subjects. Exceptionally bright first year students also may apply. Students from the **Madhya Pradesh and neighbouring states** will be given preference.

## APPLICATION PROCEDURE

Interested students can apply online by accessing

- There is no Registration Fee for the programme.
- Application by the candidates should be submitted online at the site <https://4dspace.mtts.org.in>. For detailed guidelines, please see the "Application procedure" given at the programme webpage <https://mtts.org.in/programme/im2025mp>
- After logging into the site using the OTP received at the given email address, select the programme Initiation into Mathematics 2025, Gwalior.
- Recommendations by teachers are also to be submitted at <https://4dspace.mtts.org.in>

Before writing to us with your questions, if any, please see the FAQ page <https://mtts.org.in/faqs>.

## ABOUT THE HOSTING DEPARTMENT & INSTITUTE

Amity University Madhya Pradesh was established in 2011 by the Ritnand Balved Education Foundation under the Madhya Pradesh Government Legislature Act No. 27 of 2010 with the vision of developing employable and industry-ready professionals. Spread across a 102-acre green campus opposite Gwalior Airport, the University offers modern, practical, and research-driven programs in diverse fields such as management, engineering, architecture, pharmacy, biotechnology, law, mass communication, behavioural science, fine arts, fashion, and more.

Amity University Madhya Pradesh, accredited by NAAC and recognized as a "Premier University" by ASIC, has been adjudged the "Best Private University of Madhya Pradesh" by the CMAI Association of India.

The Department of Applied Mathematics, established in 2011 under the Amity School of Engineering & Technology (ranked in NIRF), is committed to academic and research excellence. It offers mathematics courses across Engineering, Management, Biotechnology, and Pharmacy programs, along with a Ph.D. program focused on quality research in pure and applied mathematics.

For more details about the Amity University Madhya Pradesh, visit <https://www.amity.edu/gwalior/>