

# Initiation into Mathematics (InitMath)

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

@ Sikkim Manipal Institute of Technology, Sikkim

Majitar, Rangpo, East Sikkim, Sikkim - 737136

December 26 – 31, 2023

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



smu.edu.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 **InitMath** (also known as mini-MTTS) programme has been initiated and runs on the same line of the main MTTS.

## 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 themselves.

## ELIGIBILITY & SELECTION

**Second year undergradugate students** with Mathematics as one of their main subjects. Students from **Sikkim and the 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.

## ABOUT THE HOST INSTITUTION

Sikkim Manipal Institute of Technology (SMIT) is a constituent college of Sikkim Manipal University, Gangtok. Established in 1997, SMIT is one of the premier technology and management institutes of the country. The campus is spread across 35 acres of beautiful landscape and is the home to more than 2000 students, 180 faculty and industry experts and an efficient team of support staff. A highly qualified and dedicated faculty team ensures that students are provided with a holistic education that makes them job ready, industry ready and most importantly, life ready. Further, SMIT takes pride in the fact that it has emerged as a research friendly institute. A number of sponsored projects have been assigned to SMIT. by institutes such as DST, DBT, DRDO and AICTE.

The Department of Mathematics, SMIT with 13 faculty members who are active researchers in diverse fields of mathematics and applications, offers B.Sc., M.Sc. and Ph.D. programs in mathematics in addition to teaching mathematics to engineering students.

Website: <https://smu.edu.in/smit.html/>

## 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.

## IMPORTANT DATES

Online application starts on: **Nov. 17, 2023**

Last date for online application: **Dec. 08, 2023**

Date of publishing selection list: **Dec. 12, 2023**

Programme dates: **Dec. 26 – 31, 2023**

## APPLICATION PROCEDURE

Interested students can apply online by accessing

<https://mtts.org.in/programme/im2023smit>

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 outstation participants. Food will be provided to all the participants.

## ORGANIZERS

**Academic Coordinator:** Bhaba Kumar Sarma  
Department of Mathematics, IIT Guwahati, Assam  
Ph. 0361-257-2609, Email: [bhaba.sarmafc@gmail.com](mailto:bhaba.sarmafc@gmail.com)

**Local Coordinator:** Biswajit Deb  
Department of Mathematics  
Sikkim Manipal Institute of Technology  
Majitar, Rangpo, East Sikkim, Sikkim - 737136  
Ph. 8371872201, Email: [biswajit.d@smit.smu.edu.in](mailto:biswajit.d@smit.smu.edu.in)

## 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)

Email: [mttstrust@gmail.com](mailto:mttstrust@gmail.com)

Ph. 9004047941