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Initiation into Mathematics (InitMath), MTTS

[Organized under the aegis of MTTS Trust]

Venue: NATIONAL INSTITUTE OF TECHNOLOGY SILCHAR, CACHAR, ASSAM

July 14th to 19th, 2025

Funded by NBHM



<https://www.nits.ac.in/>

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 along the same lines as the annual summer camp.

ACADEMIC PROGRAM & AIM

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.

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.

ORGANIZERS

LOCAL COORDINATOR:

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IMPORTANT DATES

- Online application portal open:
from **Wed, May 21st, 2025** to **Wed, June 18th, 2025**.
- Last day to receive online recommendations:
Fri, June 20th 2025.
- Date of publishing selection list: **Wed, June 25th, 2025.**
- Confirmation of participation by selected applicants by:
Mon, June 30th, 2025.
- Programme dates : **July 14th – 19th, 2025.**

ELIGIBILITY

Second year undergraduate students (i.e., **those who have completed or are completing their fourth semester in the current academic year**) with mathematics as one of their main subjects are eligible. Students from the north-east region will have preference.

APPLICATION PROCEDURE

- 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/im2025asm>
- After logging into the site using the OTP received at the given email address, select the programme Initiation into Mathematics 2025, Assam.
- 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>.

SELECTION

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

The list of selected candidates will be posted on the MTTS webpage by **Wed, June 25th, 2025**. Only selected candidates will be informed of their selection.

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.

Other instructions and guidelines for the selected applicants will be published on the MTTS site.

ABOUT THE INSTITUTE

Established in 1967 as a Regional Engineering College in Assam, NIT Silchar is one of the 31 National Institutes of Technology in India imparting education in Science, Engineering, Humanities & Social Sciences and Management. Currently, the institution offers six undergraduate engineering programs, and has research programs in several disciplines.

NIT Silchar has established a unique identity by developing high quality human and knowledge resources in diverse areas of technologies to meet local, national, and global economic and social needs and the human society at large in a self-sustained manner. The same have been recognized by various evaluation bodies including Asia University ranking, NIRF and the World University Ranking.

The Department of Mathematics has been providing quality technical education with core support to all engineering departments since the inception of the Institute. The Department now runs with its full-fledged M.Sc. and Ph.D. programs.

ABOUT MTTS TRUST

MTTS-TRUST is a non-profit educational trust. The primary objective of the trust is to organise 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 in any way (financial or otherwise), please get in touch with us.

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

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