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Initiation into Mathematics (InitMath), MTTS

[Organized under the aegis of MTTS Trust]

Venue: University of North Bengal, West Bengal

October 13th to 18th, 2025

Funded by NBHM



<https://www.nbu.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 **Thu, August 7th, 2025** to **Mon, September 8th, 2025**.
- Last day to receive online recommendations:
Fri, September 12th 2025.
- Date of publishing selection list: **Wed, September 17th, 2025**.
- Confirmation of participation by selected applicants by:
Mon, September 22th, 2025.
- Programme dates : **October 13th – 18th, 2025**.

ELIGIBILITY

Second year undergraduate students (i.e., those who have completed their second semester in the academic year 2024-25) with Mathematics as one of their main subjects are eligible. Students from West Bengal and the neighbouring states will be given preference.

APPLICATION PROCEDURE

- 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/im2025wb>
- 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, September 17th, 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

The University of North Bengal, established in 1962 at the foothills of high Himalaya in close proximity of vast plains around it with a fascinating glimpse of the Kanchenjunga peak, tea gardens and forest cover, has shouldered the responsibility of dissemination of knowledge by judicious expansion of its role in advanced, non-conventional, applied and job-oriented fields keeping the quality of education at par with global standards at low cost. It has also been fulfilling the objectives of imparting higher education and research to the people of this socio-economically backward area of the country.

The department of Mathematics came into existence in 1962 to develop a center for excellence in the region of North Bengal in Mathematical Sciences and Applications. Pioneering research contributions have come from the faculty members in diverse fields of Mathematics. The department conducts Master's degree program in Mathematics and Ph.D. program, and has an excellent employment record at various levels.

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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