



Initiation into Mathematics (InitMath)

[Organized under the aegis of MTTs Trust]

Venue: Visvesvaraya National Institute of Technology, Nagpur

January 6th to 11th, 2025

Funded by NBHM



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

<https://vnit.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 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 limitation of resources and seats, many deserving students do not get a chance 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) programme is being conducted since 2010. This camp of a duration of one week runs along 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 prepare them for higher aspects of mathematics.

ACADEMIC PROGRAMME

Three fundamental courses in mathematics will be taught by faculty who are highly experienced in the MTTs teaching methodology.

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 faculty will be active mathematicians with a commitment to teaching and from various leading institutions.

LOCAL COORDINATOR

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IMPORTANT DATES

- Online application starts on: **Nov. 08, 2024.**
- Last date for online application: **Dec. 09, 2024.**
- Last day to receive online recommendations: **Dec. 10, 2024.**
- Date of publishing selection list: **Dec. 14, 2024..**
- Programme dates : **January 6th – 11th, 2025.**

ELIGIBILITY

Second year undergraduate students with Mathematics as one of their main subjects. Exceptionally bright first-year students also may apply. Students from Maharashtra/neighboring states will be given preference.

APPLICATION PROCEDURE

- Application by the candidates should be submitted online at <https://4dSPACE.mttts.org.in>.
- For detailed guidelines, please see the "Application procedure" given at <https://mtts.org.in/training-programmes/student-applications-procedure>

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 also be posted on the MTTs webpage by **Dec. 14, 2024**. 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 outstation participants.

ABOUT THE INSTITUTE

Visvesvaraya National Institute of Technology (VNIT Nagpur), formerly Visvesvaraya Regional College of Engineering, Nagpur (VRCE), is a public engineering and research institute, located in Nagpur, Maharashtra. It was established in June 1960 by the Government of India. The Govt. of India conferred on the Institute, the Deemed to be University status in June 2002. Subsequently, the Central Govt. by NIT Act of Parliament declared VNIT Nagpur as an "Institute of National Importance" along with all other NITs in 2007. The Department of Mathematics VNIT Nagpur grew from its humble beginnings in the year 1960. It has aimed to be a centre of excellence in Mathematics and scientific computing. The Department offers several courses in Mathematics to undergraduate engineering students. It commenced a two-year Master of Science (M.Sc.) program in Mathematics in 2012. In addition to the M.Sc. program, the Department also offers doctoral programs in various areas of Mathematics.

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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