

Online Programme on Initiation to Mathematics (InitMath)

January 15 – 29, 2022

Organized by

Mathematics Training and Talent Search (MTTS) TRUST

in collaboration with

Central University of Kashmir



www.mtts.org.in

Funded by: National Board for Higher Mathematics (NBHM)

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.

MTTS during pandemic: Due to the unprecedented situation created by the pandemic, the MTTS Trust has added a new dimension by conducting its programmes online and adding new programmes like online foundation course in mathematics, online short courses in mathematics and open mathematics forums since May 2020. In spite of some initial apprehensions, these programmes were held successfully without compromising the methodology and interactive nature of MTTS.

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

Two courses, 'Foundation Course in Mathematics' and 'Real Analysis' will be taught by active mathematicians with a commitment to teaching and from various leading institutions of the country.

The aim of the instruction is not to give routine lectures but to stimulate the participants to think and discover mathematical results on their own.

ELIGIBILITY

Second year undergraduate students with Mathematics as one of their main subjects. Exceptionally bright first year B.Sc. students also may apply.

Students from **Jammu-Kashmir** and **Ladakh** will be given preference.

APPLICATION AND SELECTION

The selection will be on merit, based on consistent and good academic records and recommendation by a mathematics teacher closely acquainted with the candidate. Interested students can apply online by accessing

<https://mtts.org.in/programme/init-math-2022-jk>

The recommending teachers also need to submit their recommendation online before the deadline.

The list of selected candidates will be posted on MTTS website along with necessary guidelines.

IMPORTANT DATES

Online application starts on: 15 December, 2021.

Last date for online application: 30 December, 2021.

Date of publishing selection list: January 06, 2022.

Programme dates: January 15–30, 2022.

ORGANIZERS

Programme Director: Prof. S. Kumaresan, Hyderabad

Academic Coordinator: Dr. Ajit Kumar, ICT Mumbai

Local Coordinators:

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ABOUT THE CUK

Central University of Kashmir was established in 2009. The mission of the University is to contribute to the educational, cultural, economic & social advancement of people providing high quality educational programmes leading to Bachelors, Masters, Professional and Doctorate Degrees as well as to address the cultural, economic, educational, environmental, health & social needs of the region and nation at large.

ABOUT 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

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