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Initiation into Mathematics (InitMath)

[UNDER THE AEGIS OF MTTS TRUST]

@NIT Hamirpur, Himachal Pradesh

September 15-20, 2025

Funded by National Board for Higher Mathematics (NBHM)



<https://nith.ac.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.

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

There will be courses in Linear Algebra, Real Analysis and Foundations and will be taught by highly experienced faculty in MTTS teaching methodology.

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

ORGANISERS

Local Coordinator :

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ELIGIBILITY

Second year undergradate students (those who have completed two semesters) with Mathematics as one of their main subjects are eligible. Students from Himachal Pradesh will be given preference, and those from neighbouring states will be considered.

IMPORTANT DATES

Online application starts on : July 20, 2025.

Last date for online application : August 15, 2025.

Last day to receive online recommendations: August 16, 2025.

Date of publishing selection list : August 20, 2025.

Programme dates : September 15 – 20, 2025.

APPLICATION PROCEDURE & SELECTION

Interested students can apply online by accessing

<https://mtts.org.in/programme/im2025hp>

Only selected candidates will be informed of their selection by August 20, 2025. The list of selected candidates will also be posted on the MTTS website <https://mtts.org.in>

Sleeper class train fare or (non-AC) state bus fare, and accomodation will be provided to the selected non-local (outstation) participants. Food will be provided to all participants.

Any other instructions and guidelines for the participants will be published on the MTTS website <https://mtts.org.in>

ABOUT NIT HAMIRPUR

National Institute of Technology Hamirpur is one of the thirty-one NITs of the country, which came into existence in 1986 as Regional Engineering College, and later upgraded to National Institute of Technology. The Institute offers Bachelor, Master, and Doctoral programs in Engineering, Sciences, Architecture, Management, and Humanities. Abundant green grasslands and wide valleys set against imposing snow-clad mountains; crystal clear lakes, flowing rivers and spurring streams; fruit laden groves and soft terraces of corn and tea are characteristics of Himachal Pradesh.

Hamirpur area is situated at a relatively lower elevation with an altitude of 900 meters, is comparatively warmer and has a picturesque surrounding, facing snow clad Dhauladhar mountain ranges covered with lush green Pine forests. The place has healthy climate with moderate temperature ranging from 1 degree Celsius to 38 degree Celsius.

ABOUT THE DEPARTMENT

The Department of Mathematics & Scientific Computing came into existence in August-2009. Previously, this department was a part of the formerly department of Applied Sciences & Humanities, which came into existence in 1986. Presently this department has 12 regular faculty members from diverse areas of specialization in Mathematics, Statistics, Operational Research, Image Processing, Cryptography & Network Security. We have developed quality infrastructure to fulfil the needs of various science and engineering mainstreams.

The Department has a vibrant research atmosphere backed up by good infrastructural facilities. The department offers B.Tech four-year program in Mathematics and Computing since 2020, M.Sc. in Mathematics & Scientific Computing and Ph.D. in various specializations of Mathematics, Statistics & Cryptography.

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.

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

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