



Initiation into Mathematics (InitMath)

under the aegis of Mathematics Training and Talent Search (MTTS) TRUST

@ Department of Mathematics, Sardar Patel University

Vallabh Vidyanagar, Anand - 388 120

March 20–25, 2023

(Funded by National Board for Higher Mathematics (NBHM))



spuvvn.edu

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

Three fundamental courses in Mathematics will be taught by highly experienced faculty in MTTS teaching methodology.

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.

Organizers

Academic Coordinator: Ajit Kumar

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Eligibility & Selection

Second year undergraduate students with Mathematics as one of their main subjects. Students from the Gujarat and neighboring states will be given preference

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

IMPORTANT DATES

Online application starts on: February 10, 2023.

Last date for online application: March 02, 2023.

Date of publishing selection list: March 06, 2023.

Programme dates: March 20–25, 2023.

Application Procedure

Interested students can apply online by accessing

<https://mtts.org.in/programme/im2023spu>

List of only selected participants will be displayed on the MTTS website. Sleeper class train fare or state bus fare and accommodation will be provided to the selected non local participants. Food will be provided to all the participants.

About Department of Mathematics, SPU

The Department of Mathematics, Sardar Patel University, established in 1958, offers M.Sc. and Ph.D. Programs in Mathematics; and has a total strength of 11 faculty and nearly 250 students. The Teaching Program is a blend of Pure, Applied and Applicable Mathematics. The research areas pursued include Banach Algebras, Operator Theory and Operator Algebras, Function Algebras, Graph Theory, Harmonic Analysis on groups and semigroups with weights, Approximation theory, Special Functions, Relativity Theory, Number Theory, and Financial Mathematics.

NBHM Regional Library (Western Region) is housed in the Department. The Department has strong computational facility. The Annual Problem Solving Workshops is a regular feature of the Department. More than 110 students have cleared NET/NET JRF/ GATE/NBHM Tests. The faculty has lured laurels like Common Wealth Fellowships, DAAD, IASc Fellowship and awards for research papers adjudged best. The faculty has successfully developed National and International research collaborations.

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.

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