



Pedagogical Training for Mathematics Teachers (PTMT)

[Organized under the aegis of MTTs Trust]

@Department of Mathematics, Sardar Patel University

Vallabh Vidyanagar, Anand, Gujarat

March 03–08, 2025

Funded by National Board for Higher Mathematics (NBHM)



THE PROGRAMME

Mathematics Training and Talent Search (MTTS) and PTMT programmes are organized under the aegis of MTTs Trust funded by National Board for Higher Mathematics. The Mathematics Training and Talent Search Programme has been a very successful training in last three decades and has motivated a large number of students to pursue a career in mathematics. We believe that a large number of students would benefit if we acquaint mathematics teachers with the methodology adopted in the MTTs programme. PTMT attempts to familiarize mathematics teachers, teaching at undergraduate and postgraduate levels with the methods followed in MTTs programme. Faculty well-versed with MTTs programme will share the pedagogy of teaching mathematics with participants.

THEME OF THE PROGRAMME

The programme will concentrate on basic Complex Analysis. The topic of Complex Analysis requires imagination and subtle reasoning. It has a strong geometric flavour which needs to be transmitted to the students in a rigorous and clear manner. The objective of the programme is to train the teachers to teach Complex Analysis in an enjoyable and meaningful way.

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, Email: mttstrust@gmail.com

RESOURCE PERSONS

Prof. G Santhanam (President, MTTs Programmes)

Prof. S. Kumaresan (Director, MTTs Programmes)

Prof. Sukumar D (IIT Hyderabad)

Dr. P.S. Srinivasan (Bharatidasn University, Tiruchirappalli)

LOCAL COORDINATOR

Dr. Prashant Patel

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ELIGIBILITY & APPLICATION PROCEDURE

Any mathematics teacher, teaching in UG/PG departments. Preference will be given to young and teachers from Gujarat and neighbouring states.

- Read the procedure given at <http://mtts.org.in/d4q2>
- Please see the link given below to start preparing the application form online:

<https://mtts.org.in/programme/ptmt2025gj>

SELECTION

Only selected candidates will be informed of their selection by February 10, 2025. The list of selected candidates will also be posted on PTMT webpage.

Candidates selected for the programme will be paid train/bus fare by the shortest route and will be provided free boarding and lodging for the duration of the course.

Any other instructions and guidelines for the participants will be published on the PTMT website.

IMPORTANT DATES

Online application starts on: **January 10, 2025**

Last date for online application: **February 07, 2025**

Date of publishing selection list: **February 10, 2025**

Programme dates: **March 03–08, 2025**

VENUE

The Department of Mathematics, Sardar Patel University, Vallabh Vidyanagar, established in 1958, offers M.Sc. and Ph.D. Programs in Mathematics; and has a total strength of 10 faculty and nearly 150 students. The Teaching Program is a blend of Pure, Applied and Applicable Mathematics. The study domains include Banach Algebras, Operator Theory and Operator Algebras, Function Algebras, Harmonic Analysis on weighted groups and semigroups, 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 effectively established national and international research relationships.