



Pedagogical Training for Mathematics Teachers (PTMT)

[Organized under the aegis of MTTs Trust]

@National Institute of Technology Warangal (NITW)

Warangal, Telangana

December 29, 2025 to January 03, 2026

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 the National Board for Higher Mathematics. The Mathematics Training and Talent Search Programme has been a highly successful training programme over the last three decades, motivating a large number of students to pursue a career in mathematics. More and more students would benefit if we acquainted 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 the MTTs programme. Faculty well-versed with the MTTs programme will share the pedagogy of teaching mathematics with participants.

THEME OF THE PROGRAMME

The programme will focus on introductory Linear Algebra. The topic of Linear Algebra can be approached and understood geometrically through numerous visualizations. This geometric flavour needs to be transmitted to the students rigorously and clearly. The objective of the programme is to train the teachers to teach Linear Algebra 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 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 (financial or otherwise), please get in touch with us.

www.mtts.org.in/mtts-trust, Email: mttstrust@gmail.com

RESOURCE PERSONS

Prof. Ajit Kumar (ICT Mumbai)
Prof. Bhaba Kumar Sarma (IIT Guwahati)
Prof. S. Kumaresan, (Director, MTTs Programmes)
Prof. G. Santhanam (President, MTTs Trust)
Prof. P.S. Srinivasan (Bharatidasn University)

LOCAL COORDINATOR

Prof. H.P. Rani (Ph. 9908143247(M))
Department of Mathematics, National Institute of Technology Warangal, Warangal, Telangana - 506 004
Email: hprani@nitw.ac.in

ELIGIBILITY & APPLICATION PROCEDURE

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

- Read the application procedure given at <http://mtts.org.in/d4q2>
- Please see the PTMT website specific to this programme to start preparing the application form online: <https://mtts.org.in/programme/ptmt2025ts>

SELECTION

Only selected candidates will be informed of their selection by December 10, 2025. The list of selected candidates will also be posted at <https://mtts.org.in/programme/ptmt2025ts>.

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: **November 05, 2025**
Last date for online application: **December 05, 2025**
Date of publishing selection list: **December 10, 2025**
Programme dates: **December 29, 2025 to January 03, 2026**

DEPARTMENT OF MATHEMATICS @ NIT WARANGAL

Established in 1959, the Department of Mathematics at the National Institute of Technology (NIT) Warangal is one of the oldest and most dynamic departments within the Institute. Since its inception, the Department has been committed to excellence in teaching, research, and innovation, aligning closely with the Institute's vision to nurture globally competent professionals and researchers. With 26 dedicated faculty members, the Department's research spans a wide range of specializations, including Differential Equations, Numerical Analysis, Fluid Dynamics, Computational Fluid Dynamics, Biomechanics, Algebraic Coding Theory, Mathematical Biology, Cryptography, Operations Research, and Fuzzy Set Theory. Through its innovative curriculum, cutting-edge research, and academic outreach, the Department of Mathematics continues to serve as a centre of excellence that nurtures analytical thinkers, innovators, and leaders. Its graduates are well-equipped to contribute to academia, industry, research laboratories, and technology-driven enterprises worldwide.

Website: <https://www.nitw.ac.in/math>