



Pedagogical Training for Mathematics Teachers (PTMT)

[Organized under the aegis of MTTS Trust]

in Collaboration with Higher Education Department, J&K

@Jammu & Kashmir Institute of Mathematical Sciences, Srinagar

July 17–18, 2023

Funded by National Board for Higher Mathematics (NBHM)



ABOUT 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 turned out to be very successful 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 workshop will focus on the pedagogical aspects of undergraduate mathematics. Topics in Foundations, Linear Algebra and Real Analysis will be covered. In each of the themes, we shall discuss some examples and results that need to be emphasised to transmit the spirit of the subject. We shall point out some of the difficulties students face and give some remedial tips.

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, Email: mttstrust@gmail.com

RESOURCE PERSONS

Prof. S. Kumaresan, (Director, MTTS Programme)

Prof. G. Santhanam (IIT Kanpur)

Prof. Bhaba Kumar Sarma (IIT Guwahati)

LOCAL COORDINATOR

Dr. N. A. Lone

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ELIGIBILITY & APPLICATION PROCEDURE

Any mathematics teacher, teaching in UG/PG departments. Preference will be given to young and teachers from Jammu and Kashmir 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/ptmt2023jkims>

SELECTION

Only selected candidates will be informed of their selection by June 25, 2023. 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: May 20, 2023.

Last date for online application: June 15, 2023.

Date of publishing selection list: June 25, 2023.

Programme dates: July 17–18, 2023.

ABOUT JKIMS

The Institute was established in the year 2013 as a research institute by Government of Jammu and Kashmir as an autonomous institute on the pattern of Chennai Mathematical Institute (CMI), the main aim behind its inception is to foster research in the realm of mathematical sciences in particular and to popularize the mathematics and mathematics education in general. In the year 2017, the institute started five-year integrated program (B Sc and M. Sc) in mathematical sciences with allied subjects as Physics and Computer Science. The program is affiliated to University of Kashmir, Hazratbal Srinagar. The intake capacity for the course is 40 students and the admission is done through an entrance test and the eligibility for writing the test is 12th class with Mathematics as one of the subjects.