

# Pedagogical Training for Mathematics Teachers (PTMT)

[Organized under the aegis of MTTs Trust]

@SGTB Khalsa College, Sri Anandpur Sahib, Punjab

December 23, 2019 to January 3, 2020

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 for more than two and a half 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 Real Analysis. The topic of real analysis is the first course a student of mathematics encounters which 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 real analysis in an enjoyable and meaningful way.

## 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 in any way (financial or otherwise), please get in touch with us. For more details on the MTTs Trust, visit [www.mtts.org.in/mtts-trust](http://www.mtts.org.in/mtts-trust).

Those who wish to organize mini-MTTs or PTMT programme can visit [www.mtts.org.in/organize](http://www.mtts.org.in/organize) and apply online. Proposals which assure partial financial support may be given preference.

## ACADEMIC COORDINATOR

### Prof. S. Kumaresan

Visiting Professor (2019-20), IIT Kanpur  
(Formerly Professor and Dean  
School of Mathematics and Statistics  
University of Hyderabad, India)

## LOCAL COORDINATOR

### Dr. Sangeet Kumar

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## ELIGIBILITY & APPLICATION PROCEDURE

Any mathematics teacher, teaching in UG / PG departments. Preference will be given to young teachers. Total number of participants is restricted to 30.

- Read the procedure given at <http://mtts.org.in/d4q2>
- Please see the link given below to start preparing the application form online. <http://mtts.org.in/5scs>

## SELECTION

Only selected candidates will be informed of their selection by November 25, 2019. 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 in the PTMT website.

## IMPORTANT DATES

- Online application: Opens from October 1, 2019 and ends on November 2, 2019.
- Signed application form should reach the local co-ordinator by November 9, 2019.
- Date of publishing selection list: November 25, 2019
- Confirmation from the selected participants should reach the local co-ordinator at the email of the local coordinator by: December 5, 2019
- Programme dates: December 23, 2019 to January 3, 2020

## ABOUT SGTB KHALSA COLLEGE

SGTB Khalsa College, Sri Anandpur Sahib is one of the leading educational institutions affiliated to Punjabi University, Patiala. Situated in the vicinity of the holy town, Sri Anandpur Sahib, this institution draws its motivational force from the serene atmosphere that permeates through the hallowed town, the very air of which breathes of the rich spiritual and cultural heritage of the Sikhs.

SGTB Khalsa College has been recognized by UGC with 2(f) and 12(B) status since May, 1983. In 2015, college was reaccredited by NAAC with A-grade and was awarded College With Potential For Excellence by UGC, New Delhi in 2016. In 2018, the college received DBT Star College Scheme from Ministry of Science and Technology, Govt. of India. SGTB Khalsa College is committed to deliver quality education in undergraduate and postgraduate streams of commerce, science, management, computer applications, agriculture and other professional courses by providing ample opportunities for exploring the potential of every student beyond the classroom, too.