

Pedagogical Training for Mathematics Teachers (PTMT)  
@ Government College Chittur, Palakkad, Kerala  
April 6 to 12, 2019

Funded by National Board for Higher Mathematics (NBHM)  
under the aegis of MTTS Trust

### About the programme

Mathematics Training and Talent Search (MTTS) and PTMT programmes are organized under the aegis of MTTS Trust funded by National Board of Higher Mathematics. The Mathematics Training and Talent Search Programme has turned out to be very successful over last two 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 MTTS programme. The present 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 Measure Theory. Measure theory provides the natural language for discussing integration. In mathematical analysis, a measure on a set is a systematic way to assign a number to each suitable subset of that set, intuitively interpreted as its size. Thus measure is a generalization of the concepts of length, area and volume. The objective of the programme is to train the teachers to teach measure theory in an enjoyable and meaningful way.

### MTTS Trust

MTTS-TRUST is a non-profit educational trust. The primary objective 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.

### Eligibility and Application Procedure

Any mathematics teacher, teaching in UG / PG departments can apply. Preference will be given to young teachers. Total number of participants is restricted to 40.

Please visit <http://mtts.org.in/programme/ptmt-2019-kerala> to submit your application online. Please note that you also need to send a signed copy of the printout (preferably by speed post) of the application to the programme coordinator.

### Selection

Only selected candidates will be informed of their selection by 27th March, 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 7th March, 2019.

Last date for applying online is 20th March, 2019.

Last date for receiving hard copy of application is 24th March, 2019.

List of selected candidates will be published on the PTMT website on 27th March, 2019.

### Contact

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### Organizers

**Prof. S. Kumaresan** (Programme Director)

(Formerly Professor and Dean)

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**Prof. G. Santhanam** (Academic Coordinator)

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**Dr. Shine Lal E.** (Local Coordinator)

Department of Mathematics

**Prof. R. Anand Viswanath** (Principal)

Government College Chittur.

### Government College Chittur



Government College Chittur is one of the oldest educational institutions in Kerala, established on 11th August 1947. The college was re-accredited with A grade by NAAC in 2017. The Department of Mathematics started functioning in 1947. In 1978, the department was upgraded to a PG department. The department was recognized as a research department in 2015. From the current academic year, the department has got sanction to conduct M.Phil. course. From 2007 onwards, the Department of Science and Technology of the Government of India is supporting the Department of Mathematics under their FIST programme. Also, KSCSTE is supporting the department under their SARD programme from 2014 onwards.