

PEDAGOGICAL TRAINING FOR MATHEMATICS TEACHERS (PTMT)

(Funded by National Board for Higher Mathematics (NBHM),

Department of Atomic Energy, Govt. of India)

St. Berchmans College, Changanassery, Kerala 686 101

November 19 - 30, 2012

Aims and objectives

The Mathematics Training and Talent Search Programme (MTTS) 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 be benefited if we acquaint mathematics teachers with the methodology adopted in MTTS Programme. **The Pedagogical Training for Mathematics Teachers (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.

The workshop will concentrate on one subject of relevance to undergraduate courses. Participants will be asked to give seminars on a topic related to the theme of the workshop. Resource people will make observations, suggestions and give pedagogical tips to enhance their teaching. Their strengths and weaknesses will be pointed out. Common difficulties observed in the theme of the workshop will be pointed out and suggestions to overcome them will be presented by the Faculty. At the end of the workshop, each and every participant should be able to leave with the conviction of having mastered the subject in depth and with the confidence of being able to teach the subject well in his/her college.

Venue and Duration

The PTMT programme will be held at **St. Berchmans College, Changanassery, Kerala**. The programme will run over 11 working days during **November 19 - 30, 2012**.

Who can apply?

Any mathematics teacher, teaching in UG/PG departments. Preference will be given to young teachers and to those from South India. Total number of participants is restricted to 40.

How to apply?

- Applications should be submitted online at the PTMT site <http://ptmt.mtts.org.in>. Details are available in the same site.

- Applicants should take a printout of the submitted application form and should send the signed copy to reach the address

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latest by **31st August 2012**.

- Late or incomplete applications will not be considered.

Selection

The list of selected candidates will be posted on the above cited website by **September 15, 2012**. Instructions and guidelines for the participants also will be published on the website.

Candidates selected for the programme will be paid 3 tier A/C to and return train fare by the shortest route and will be provided free board and lodging for the duration of the course.

Subject

The programme will concentrate specially on one subject: **Abstract Algebra**

Training Faculty

The faculty members for the training programme will be the following eminent members of the MTTS team:

- 1) Prof. S. Kumaresan, Dept. of Mathematics and Statistics, University of Hyderabad (Director, MTTS & PTMT Programmes)**
- 2) Prof. G. Santhanam, Dept. of Mathematics and Statistics, IIT Kanpur.**
- 3) Prof. A.V. Jayanthan, Dept. of Mathematics, IIT Madras.**

Local Organizers

Dept. of Mathematics
St. Berchmans College
Changanassery,
Kottayam (Dt)
Kerala 686 101.

For enquiry contact:
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Dedication



The organizers wish to dedicate the programme as a tribute to **Srinivasa Ramanujan** (1887 - 1920), one of the greatest mathematicians of all times. The year 2012 marks his **125th birth anniversary** and is declared **National Mathematics Year**.