

Pedagogical Training for Mathematics Teachers (PTMT)

Funded by National Board for Higher Mathematics

Bhaskaracharya Pratishthana, Pune – 411 004

April 5 – 10, 2012

1. Name of the Applicant:
2. Name of the Institute:
3. Date of Birth:
4. Teaching Experience:
5. Courses taught at UG level:
6. Have you or your students attended MTTS Programme?
7. Area you would like us to discuss in the workshop (choose any two):
 - (i) Real Analysis (ii) Linear Algebra (iii) Multivariable Calculus
 - (iv) Complex Analysis (v) Differential Geometry (vi) Group Theory

Mention at least one topic in each of the areas of your choice which you would like us to elaborate upon. Specify the reasons why the topics need a detailed treatment.

8. Teaching Methods:
 - (i) How do you introduce a concept/definition to your students?

 - (ii) How do you measure the importance of a theorem?

(iii) Do you prefer one text-book for a course or simultaneously using many books?

(v) Do you give notes to your students?

(vi) Do you use any software for teaching?

(vii) Please order the following in the decreasing order of importance:

(a) Theorems (b) Definitions (c) Examples (d) Exercises (e) Unsolved Problems

(viii) State the title/authors of three mathematics books that you liked most:

9. State your expectations (in brief) from this workshop:

10. Give three names with contact details who would recommend your name:

Signature of the Applicant

Signature of the Principal

(with seal)