

19th MATHEMATICS TRAINING AND TALENT SEARCH PROGRAMME

(Funded by National Board for Higher Mathematics)

M.T. & T. S. 2011, Website: <http://www.mtts.org.in/>

AIM

The aim of the programme is to expose bright young students to the excitement of doing mathematics, to promote independent mathematical thinking and to prepare them for higher aspects of mathematics.

ACADEMIC PROGRAMME

The programme will be at three levels: Level O, Level I and Level II. In Level O there will be courses in Linear Algebra, Analysis and Number Theory/Combinatorics. In Levels I and II there will be courses on Algebra, Analysis and Topology. There will be seminars by students at all Levels. The faculty will be active mathematicians with a commitment to teaching and from various leading institutions. The aim of the instructions is not to give routine lectures and presentation of theorem-proofs but to stimulate the participants to think and discover mathematical results.

ELIGIBILITY

Level O: First year undergraduate students with Mathematics as one of their subjects.

Level I: Second year undergraduate students with Mathematics as one of their subjects.

Level II: Final year undergraduate and first year postgraduate students with Mathematics as one of their subjects.

VENUES & DATES

There are three venues for MTTS 2011.

- Department of Mathematics, Institute of Chemical Technology, Mumbai, during May 23--June 18, 2011. (All three levels)

- Department of Mathematics, Faculty of Science, The Maharaja Sayajirao University of Baroda, Vadodara during May 30--June 25, 2011 (Level O)

- Integrated Science Education and Research Centre (ISERC), Visvabharati University, Santiniketan, W.B., during May 17 -- June 12, 2011 (Level O)

HOW TO APPLY?

Details and application forms can be had from the Head, Department of Mathematics of your Institution. The application forms can also be downloaded from the mtts website:

<http://www.mtts.org.in/>

Students can also apply online by logging in to this site from **January 14, 2011**. The completed application form should reach the programme director latest by **February 26, 2011**.

Please go through the MTTS-FAQ at the website before sending any queries.

SELECTION

The selection will be purely on merit, based on consistently good academic record and the recommendation letter from a mathematics professor closely acquainted with the candidate. Only selected candidates will be informed of their selection by the **3rd week of March 2011**. The list of selected candidates will be posted on the MTTS site in the **2nd week of March 2011**. Candidates selected for the programme will be paid sleeper class return train fare by the shortest route and will be provided free board and lodging for the duration of the course.

PROGRAMME DIRECTOR

Professor S. Kumaresan

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Last Date for Applying: February 26, 2011.

Database of Indian Mathematicians & Mathematics Teachers: <http://mathstat.uohyd.ernet.in/imod/>