

20TH MATHEMATICS TRAINING AND TALENT SEARCH PROGRAMME

(FUNDED BY NATIONAL BOARD FOR HIGHER MATHEMATICS)

M.T. & T. S. 2012, WEBSITE: <http://www.mtts.org.in/>

AIMS

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 PROGRAMMES

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:** Second year undergraduate students with Mathematics as one of their subjects.
- **Level I:** Final year undergraduate students with Mathematics as one of their subjects. Participants of the previous year Level O Programme.
- **Level II:** First year postgraduate students with Mathematics as one of their subjects. Participants of the previous year Level I Programme.

VENUES & DURATION

MTTS 2012 will be held at three different places:

- Indian Institute of Technology (IIT), Kanpur.
Duration is May 21 – June 16, 2012.
- Indian Institute of Technology (IIT), Guwahati.
Duration is May 14 – June 09, 2012.
- Bharathidasan University, Tiruchirappalli.
Duration is May 14 – June 09, 2012.

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, 2012**.

The completed application form should reach the programme director latest by **February 23, 2012**. Please go through the MTTS-FAQ at the website before sending any queries.

PROGRAMME DIRECTOR

Professor S. Kumaresan

Director, MTTS Programme
Department of Mathematics and Statistics
University of Hyderabad
P.O. Central University
Hyderabad 500 046

Tel: (040) 6679 4059 (O)

Email: kumaresa@gmail.com
mttsprogramme@gmail.com

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 2012. The list of selected candidates will be posted on the MTTS site in the 2nd week of March 2012.

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.