

26th Mathematics Training and Talent Search Programme

An Experiment that Inspired Thousands and Changed Many Lives

Organized by: MTTS TRUST

(Funded by: National Board for Higher Mathematics)

WHAT IS MTTS?

Mathematics Training and Talent Search Programme (MTTS) is a four-week intensive summer training programme been organized since 1993 in India. Since its inception, the programme has been funded by the National Board for Higher Mathematics, an apex body of the Department of Atomic Energy, Government of India. It is organized under the dynamic leadership of Prof. S. Kumaresan (first recipient of INSA Teachers award in Mathematics) formerly at University of Hyderabad. MTTS is one of the most effective and unparalleled training programmes and it has made significant impact on mathematical scene in India.

AIMS OF MTTS

- To expose bright young students to the excitement of doing mathematics.
- To promote creative thinking and initiate into art of asking questions.
- To promote problem solving skills.
- To prepare students for higher aspects of mathematics and a career in Mathematics.
- To improve the teaching methodology of mathematics in the country.

ACADEMIC PROGRAMMES

There are three levels in this Programme: Level O, Level I and Level II. In Level O, there will be courses in Foundations, Linear Algebra, Analysis, and Number Theory/Combinatorics. In Levels I and II, there will be courses in Algebra, Analysis, Topology and Linear Algebra. *Student seminars and group discussions in all the three levels form an integral part of this programme.*

The faculty for this programme will be active mathematicians with a commitment to teaching and from various leading institutions of the country. 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 on their own.

ELIGIBILITY

- **Level O:** Third/fourth semester undergraduate students with Mathematics as one of the main/major subjects.
- **Level I:** Fifth/sixth semester undergraduate students with Mathematics as one of the main/major subjects OR participants of MTTS Level O.
- **Level II:** First/second semester postgraduate students with Mathematics as one of the main/major subjects OR participants of MTTS Level I.

VENUES & DURATION

MTTS 2018 will be held at three places:

- SSN College of Engineering, Chennai (**May 21– June 16, 2018**)
- Indian Institute of Technology Indore (**May 21–June 16, 2018**)
- Indian Institute of Technology Guwahati (**May 28–June 23, 2018**)

SSN College of Engineering, Chennai will be the main camp where all the three levels will be held. Only level O will be conducted at other venues.

HOW TO APPLY?

Students can prepare their applications online from

www.mtts.org.in/programme-mtts/mtts-2018

The complete details of how to apply online is available on the website. Please go through it and the MTTS-FAQ at the website before applying or sending any queries. **Only those applications prepared online will be accepted.**

The online application begins on **January 01, 2018**, and the last date for applying is **February 19, 2018**. The hard copy of the completed application forms should reach the Programme Director on or before **February 26, 2018**.

PROGRAMME DIRECTOR

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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.

The list of selected candidates will be posted on the MTTS website by **March 09, 2018**. Only selected candidates will be informed of their selection by email.

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.

MTTS TRUST

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

Those who wish to organize mini-MTTS or PTMT programme can visit

www.mtts.org.in/organize

and apply online. Proposals which assure partial financial support may be given preference.