

# MINI-MATHEMATICS TRAINING AND TALENT SEARCH PROGRAMME

FUNDED BY : NATIONAL BOARD FOR HIGHER MATHEMATICS

VENUE : DEEN DAYAL UPADHYAYA COLLEGE, UNIVERSITY OF DELHI

MARCH 12 –17, 2020

Webpage : [www.mtts.org.in](http://www.mtts.org.in)



## BACKGROUND

The Mathematics Training and Talent Search (MTTS) programme is one of the most popular and significant training programmes in India. This programme has been running since 1993 and has made an impressive impact on mathematical scene in the country. We receive a large number of application forms from all parts of the country, but due to limitation of resources and seats, lot of deserving students do not get a chance to participate in main camps of the MTTS. In order to provide opportunities to a large number of students at regional levels, a mini-MTTS programme has been initiated and which runs on the same line of the main MTTS.

## 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 proceeding of the programme will include the following topics :

1. Foundation
2. Real Analysis
3. Linear Algebra

The objective of the programme is to motivate and inspire the students to pursue their career in mathematics and mathematical research and enjoy the excitement of mathematics through discovery of the basic mathematical results by their own.

## ELIGIBILITY

Second year undergraduate students with Mathematics as one of their main subjects. Exceptionally bright first year students may also apply.

## HOW TO APPLY?

Students must apply online by visiting the website

<http://mtts.org.in/programme/mini-mtts-aps-2020/>

The complete details of "how to apply online" is available on the website. The online application begins from **January 23, 2020** and ends on **FEBRUARY 20, 2020**.

The printed and signed copy of the application form along with recommendation letter should reach the **local coordinator** on or before **FEBRUARY 23, 2020**.

## 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 email by **March 2, 2020**. The list of selected candidates will be published on the MTTS website.

**Outstation participants will be provided with free food and lodging facilities for their stay during the programme and will be paid sleeper class train fare or bus fare (in case no train facility is available).**

## PROGRAMME DIRECTOR

### Professor S. Kumaresan

Director, MTTS Programme  
Formerly at School of Mathematics and Statistics  
University of Hyderabad, Hyderabad-500 046

**Contact :** 040-2313-4059 (O)

**Email :** [kumaresa@gmail.com](mailto:kumaresa@gmail.com)

## ACADEMIC COORDINATOR

### Professor G. Santhanam

Department of Mathematics and Statistics  
Indian Institute of Technology Kanpur, Kanpur-208 016

**Contact :** 0512-259-7433

**Email :** [gsanthana@gmail.com](mailto:gsanthana@gmail.com)

## LOCAL COORDINATOR

### Dr. Mamta Amol Wagh

Department of Mathematics  
Deen Dayal Upadhyaya College,  
Azad Hind Fauj Marg, Sector-3, Dwarka, New Delhi-110078

**Contact :** +91-9818221485

**Email :** [nigam.mamta@gmail.com](mailto:nigam.mamta@gmail.com)

**Website :** [www.dducollegedu.ac.in](http://www.dducollegedu.ac.in)

## 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](http://www.mtts.org.in/mtts-trust)

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

[www.mtts.org.in/organize](http://www.mtts.org.in/organize)

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

## ABOUT DEEN DAYAL UPADHYAYA COLLEGE

Deen Dayal Upadhyaya College is one of the leading educational institution established in 1990 in Karampura Campus. It was shifted to new campus in Dwarka in 2016. It is affiliated to University of Delhi. It is one of the few colleges in University of Delhi who has received "DBT STAR College scheme" of ministry of science and technology, Government of India. Almost all the major branches of undergraduate studies are available in the college. The department of mathematics is one of the oldest department which offers B.Sc. Honours Mathematics, B.Sc. in Mathematical Sciences (Operation Research) and courses of B.Sc. programmes. Department is also involved in teaching mathematical elective courses of other departments. Department has 13 faculty Members. Most of the faculty members are active in Research. Department boasts of 3 M.Phil. and 9 Ph.D. research scholars. Department is Nodal center of Delhi NCR region (including Haryana) for Madhava Mathematics Competition (HBCSE, TIFR).