



mini-MTTS PROGRAMME

16th – 21st December, 2019

Venue: IIT Bhilai, Chhattisgarh



Organised under the aegis of MTTs Trust

Funded by National Board for Higher Mathematics

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. A large number of application forms are received 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 which runs on the same line of the main MTTS.

ABOUT 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.

ABOUT IIT BHILAI

Indian Institute of Technology Bhilai was established in the state of Chhattisgarh by Ministry of Human Resource and Development in the year 2016. IIT Bhilai is presently housed in its transit campus at Government Engineering College (GEC) Raipur, Chhattisgarh. IIT Bhilai offers Bachelors of Technology (BTech), Masters of Science (MSc), Masters of Technology (MTech) and Doctoral programs (PhD) in various departments. The Institute made its modest start with introduction of BTech program in August 2016. The Institute is currently offering BTech and MTech programs in the departments of Computer Science and Engineering (CS), Electrical Engineering (EE) and Mechanical Engineering (ME); MSc programs in the departments of Physics (PH), Chemistry (CY) and Mathematics (MA) and PhD program in the disciplines of Chemistry (CY), Computer Science and Engineering (CS), Electrical Engineering (EE), Mathematics (MA), Mechanical Engineering (ME) and Physics (PH). IIT Bhilai has established a 3-D Printing Lab that constitutes an integral part of 3-D Modeling and Design course, a fabrication lab, an electrical lab and a computer lab in a short duration.

AIM OF THE PROGRAMME

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.

ELIGIBILITY

Students from Chhattisgarh region and neighbouring states pursuing Second year B.Sc. Mathematics are eligible to apply. Exceptionally bright students from B.Sc. First year may also apply.

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.

HOW TO APPLY?

Students may apply online by visiting the website www.mtts.org.in/programme/mini-mtts-2019-iit-bhilai/

The complete details of "how to apply online" is available on the website.

Offline applications will also be accepted by the Local Coordinator.

In any case, the hard copy of the documents must be sent to the Local Coordinator.

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.

TRAVEL, ACCOMMODATION AND FOOD

The programme will be fully residential with provision of meals for all the participants. Outstation participants will be provided Government bus fare/ second class train sleeper fare whichever is the least on production of original tickets.

IMPORTANT DATES

- ✿ **Start of Online Application – 01 Oct 2019**
- ✿ **End of Online Application – 11 Nov 2019**
- ✿ **Last date for the printed and signed copy of application form along with recommendation letter to reach the Local Coordinator – 15 Nov 2019**
- ✿ **Date of publishing selection list on MTTS website – 25 Nov 2019**

(Only selected candidates will be informed of their selection by e-mail)

PROGRAMME DIRECTOR

Prof. S. Kumaresan
Visiting Professor (2019-20), IIT Kanpur
(Formerly Professor and Dean
School of Mathematics and Statistics
University of Hyderabad, India)

ACADEMIC COORDINATOR

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No Registration Charges

Food and Accommodation will be Free

For more details visit: www.mtts.org.in, www.iitbhilai.ac.in