



# Mini-MTTS, Assam - 2019

## MINI-MATHEMATICS TRAINING AND TALENT SEARCH PROGRAMME

December 17 – 22, 2019

Venue: Assam Kaziranga University, Assam

Organized by MTTs TRUST and AKU, Assam : [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. A large number of applications are received from all parts of the country for the MTTS programmes. However, due to limitation of resources and seats, many 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

There will be courses in Foundations, Linear Algebra and Real Analysis.

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 but to stimulate the participants to think and discover mathematical results.

### ELIGIBILITY

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

The participants for the programme will primarily be students from the institutions in North East Region.

### HOW TO APPLY?

To apply, students may visit the webpage

<http://mtts.org.in/programme/mini-mtts-assam-2019/>

Detailed instructions on “how to apply online” can be found at this page. The online application begins from **October 15, 2019** and ends on **November 09, 2019**.

Applications should be prepared online and the printout of the application form and the recommendation form (signed by a teacher who knows the student) should be posted preferably by speed post to the **Local Coordinator** so as to reach him on or before **November 16, 2019**.

### 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 **November 22, 2019**. The list of selected candidates will be published on the MTTS website.

Participants will be provided with food and study materials. Further, out-station participants will be provided with lodging and will be paid sleeper class train fare or equivalent bus fare.

### PROGRAMME DIRECTOR

**Prof. S. Kumaresan**

Director, MTTS Programme  
Formerly at School of Mathematics and Statistics  
University of Hyderabad, Hyderabad 500 046  
Visiting Professor, IIT Kanpur

### ACADEMIC COORDINATOR

**Prof. Bhaba Kumar Sarma**

Department of Mathematics, IIT Guwahati  
Guwahati 781039, **Email: [bhabasarma@gmail.com](mailto:bhabasarma@gmail.com)**

### LOCAL COORDINATOR

**Dr. Dimpal Jyoti Mahanta**

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Koraikhowa, NH-37, Jorhat, Assam 785006

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### ASSAM KAZIRANGA UNIVERSITY, ASSAM

Sprawling across 50 acres of nature-enhanced campus, Assam Kaziranga University is a multifaceted educational centre of excellence. It was established under the Assam Private University Act No XII of 2007 under section 2(f) of UGC, with a vision of becoming a world class University, offering state-of-the-art education and research relevant to industry needs. The University comprises of six different academic schools.

The Department of Mathematics was set up under the School of Basic Sciences, with a vision to nurture young mathematicians. The Department offers three courses: Ph.D., M.Sc. & Integrated B.Sc.-M.Sc. in Mathematics. For more details visit <https://www.kazirangauniversity.in>

### LOCAL ORGANIZING COMMITTEE

**Advisors:** Prof. T. Kumar, Registrar, Assam Kaziranga University.  
Prof. J. K. Sharma, Dean, School of Basic Sciences.  
Dr. B. K. Dutta, Associate Dean, School of Basic Sciences.

**Coordinator:** Dr. Dimpal Jyoti Mahanta, HoD, Dept. of Mathematics

**Co-Coordinator:** Dr. Pallabi Saikia

**Members:** Mr. Sarfraz Ahmed  
Dr. Deepjyoti Borgohain  
Dr. Jyoti Prasad Gogoi.

Dr. Jayanta Bhattacharyya

Dr. Prasanta Jyoti Goutam

### 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.