

Mini MTTs - Agartala
Mathematics Training & Talent Search (MTTS) Programme
January 19-24, 2017
Department of Mathematics, Tripura University, Agartala



FUNDED BY **National Board for Higher Mathematics**

Introduction

The Mathematics Training & Talent Search (MTTS) Programme is one of the most popular and significant training programmes for the undergraduate/postgraduate students in India. The organizers of this programme receive a large number of applications from all parts of the country for participating in this programme. But due to limitation of resources and seats, a large number of deserving students do not get a chance to participate in the main camp of the MTTs programme. In order to cater to a large number of students at regional level, Mini-MTTs programme has been initiated which runs on the same line of the main MTTs programme. The aim of this programme is to promote mathematical thinking and expose young minds to the excitement of doing mathematics.

Academic Programme

The proceeding of the programme will include the following topics:

- Foundations and Set Theory
- Real Analysis
- 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.

Who should apply?

- Students studying in **2nd year** of **B.Sc./ B.A.** having mathematics as one of the compulsory subjects.
- Preference will be given to the students studying in institutes in the states in the North East Region of India.
- 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).
- The selection will purely be on the basis of academic career of the candidate & the recommendation from a teacher of mathematics, closely acquainted with the candidate.

How to Apply?

Please visit <http://mtts.org.in/programme-mtts/mini-mtts-tripura-2017>, fill in the online application form in the **link** provided there and send a signed copy of the printout of the application along with the Teacher's Recommendation letter to **Dr. Shyamal Debnath, Local Coordinator**, at the address provided above on or before 20th December, 2016. Please write "APPLICATION TO MINI-MTTs" on the top of the envelope containing the application form.

Venue and Dates

Venue: **Department of Mathematics,
Tripura University (A Central University),
Suryamaninagar, Agartala, Pin-799022**

Programme Duration: **19-24 January, 2017**

Online application during: **16 Nov. – 15 Dec., 2016**

Last date of receiving application: **20 December, 2016**

Date of announcement of the list of selected candidates:
25 December, 2016 (at MTTs website)

Note:

Selected participants should send their confirmation of participation to the Local Coordinator by e-mail on or before **3rd January, 2017** and they should report at the venue by **8:30 AM on 19 January, 2017**.

Programme Director

Prof. S. Kumaresan

Director, MTTs Programme

Department of Mathematics and Statistics

University of Hyderabad, Hyderabad-500046

Email: kumaresa@gmail.com

Academic Coordinator

Prof. Bhaba Kumar Sarma

Department of Mathematics, IIT Guwahati

Guwahati, Assam-781039

Email: bks@iitg.ernet.in

Local Coordinator, Mini-MTTs, Agartala

Dr. Shyamal Debnath

Department of Mathematics,

Tripura University (A Central University)

Suryamaninagar - 799022, Agartala

Email: debnathshyamal@tripurauniv.in

Phone: **+91-381-2379412 (O); +91-9436548365(M)**

04 November, 2016

Dear Sir/Madam,

The Mathematics Training & Talent Search (MTTS) Programme is one of the most popular and significant training programmes for the undergraduate/postgraduate students in India. The aim of this programme, which is funded by the National Board for Higher Mathematics, is to promote mathematical thinking and expose young minds to the excitement of doing mathematics.

The organizers of this programme receive a large number of applications from all parts of the country for participating in this programme. However, due to limitation of resources and seats, a large number of deserving students do not get a chance to participate in the main camps of the MTTS programme. In order to cater to a large number of students at regional level, Mini-MTTS programme has been initiated which runs on the same line of the main MTTS programme.

A one-week Mini-MTTS Programme is going to be held in the **Department of Mathematics, Tripura University (A Central University), Agartala**, during **19-24 January, 2017**. I request you kindly to recommend a few students studying in **2nd year** of **BSc/BA** (preferably with Honours in Mathematics) from your Institution. Please note that there is **no Registration Fee**. The participants will be provided with **free board and lodging, and their travel will be reimbursed**.

Please advise the students to visit the website

<http://mtts.org.in/programme-mtts/mini-mtts-tripura-2017>

and fill in the application form online during **16 November - 15 December, 2016** and take a printout of the application form generated after successful filling of the application online. They will need to send the signed copy of the printout of the application along with the sealed Teacher's Recommendation letter to the undersigned so as to reach on or before **20th December, 2016**. Please ask them to write "**APPLICATION TO MINI-MTTS**" on the top of the envelope containing the application form.

Only in case of the event that the student is unable to submit the online application due to unavailability of internet facility, they may be asked to send the application only on hard copy to the undersigned. For such eventuality, photocopies of the attached Application Form and the Recommendation Form may be used.

I look forward for your kind cooperation.

With warm regards,

Dr. Shyamal Debnath

Department of Mathematics,
Tripura University (A Central University)
Suryamaninagar - 799022, Agartala, Tripura

Email: **debnathshyamal@tripurauniv.in**

Phone: **+91-381-2379412 (O);+91-9436548365(M)**

**Initiation for Popularization of Mathematics - 2017, Agartala
Mini-MTTS Programme**

(MINI - MATHEMATICS TRAINING & TALENT SEARCH PROGRAMME)

Department of Mathematics, Tripura University (A Central University), Suryamaninagar, Agartala
January 19-24, 2017

Application Form

Instructions: Please get your academic records attested by a teacher on the space provided in the reverse page. **Do not send photocopies of the mark sheets.** You should request a teacher (who knows your mathematical background well) to fill in the **recommendation form** in an envelope duly sealed by the teacher. It should accompany the application form and to be sent to **Dr. Shyamal Debnath, Department of Mathematics, Tripura University, Suryamaninagar – 799022, Agartala, Tripura.** The completed forms must reach us by **December 20, 2016.** Photocopies of both the forms may be used.

Name (in block letters) **Mr./Ms.:** _____

Gender: Male Female

Address for correspondence	College /Institute Address
Pin Code	Pin Code

Email: _____
Telephone No. (with STD code)/ Mobile No.: _____

Academic Record

	Examination	% of Marks (Aggregate)	No. of Maths.Papers	% of marks in maths
1.	S.S.C ./10 th Std			
2.	H.S.C./12 th std			
3.	B.Sc. 1 st sem			
4.	B.Sc. 2 nd sem			
5.	B.Sc. 3 rd sem			
6.				
7				

For more information on MTTS Programme, you may visit MTTS Website: <http://www.mtts.org.in>

Present Course of Study (e.g. B.Sc. 3rd Semester) :

Have you participated in any mathematical activities or in previous MTTS camps? Please give details.

Are you a recipient of any merit scholarship, any certificates of merit? Please give details.

Write the name, designation and the office address of the teacher who writes the recommendation letter.

Date:

Signature of the Applicant

Attestation by a Teacher: Please sign with date and seal of the Institution.

I hereby attest that I verified the records and found the above to be correct to the best of my knowledge.

Date:

Signature of the Teacher

Seal of the Institute:

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Recommendation Form

Dear Teacher:

The Courses offered at the Mini-MTTS Programme will be intensive and require active participation from the students. Based on our experience for the last few years we find certain traits are essential to get the maximum out of this Programme. In this regard, we request you to comment upon the following points in a scale of 0 to 10 (0 for the lowest and 10 for the highest) on the student's ability. Please hand over the filled in Recommendation Form to the student so that (s)he can send along with the Application Form to **Dr. Shyamal Debnath, Department of Mathematics, Tripura University (A Central University), Suryamaninagar - 799022, Agartala, Tripura** so as to reach by **December 20, 2016**.

We thank you very much for your valuable comments.

Student's Name:

1. Motivation for higher studies:
2. Capacity to grasp new concepts:
3. Perseverance and determination to attain the goal:
4. Problem solving ability:

Mathematical background: **Poor** **Fair** **Good** **Excellent**

If you are recommending more than one student for the same level, please put them in order of merit and indicate the ranking of this candidate.

If any of your students had participated in the MTTS Programme earlier, please compare the present one with them.

Any other comments (especially if the student is awarded exceptional points above).

Date:

Signature:

Seal of the Institution

Name: