

Report of Mini MTTs – Tezpur 2018

Programme Title : Mini MTTs – Tezpur 2018 (Mathematics Training & Talent Search Programme)

Date : 3 – 8 January, 2018.

Organized by Tezpur University

Venue : Department of Mathematical Sciences, Tezpur University

Funded by : National Board for Higher Mathematics (D.A.E. Govt. of India)

Introduction

The Mathematics Training & Talent Search (MTTS) Programme is one of the most popular and significant training programmes for undergraduate / post graduate 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 included the following topics:

- Foundation
- Real Analysis
- Linear Algebra
- Number Theory

The objective of the programme was 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.

Participants : The participants were mainly students studying in **B.Sc./ B.A.** having mathematics as one of the compulsory subjects. A total of **288 applications** were received from different colleges and universities of all over India out of which only **54** were selected to participate in the programme.

Programme Director : Prof. S. Kumaresan, Director, MTTs Programme, Department of Mathematics and Statistics, University of Hyderabad, Hyderabad-500046.

Academic Coordinator : Prof. Bhaba Kumar Sarma, Department of Mathematics, IIT Guwahati.

Local Coordinator : Dr. D. K. Basnet, Department of Mathematical Sciences, Tezpur University.

Resource Persons :

1. Prof. S. Kumaresan, Department of Mathematics and Statistics, University of Hyderabad. (Real Analysis)


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2. **Prof. Bhaba Kumar Sarma**, Department of Mathematics, IIT Guwahati. (Foundation)
3. **Dr. Ajit Kumar**, Department of Mathematics, ICT, Mumbai. (Linear Algebra)
4. **Dr. D. K. Basnet**, Department of Mathematical Sciences, Tezpur University. (Number Theory)

Throughout the six days, daily four lectures were delivered in the four different subjects. Pre lunch two sessions each of 90 minutes followed by a 45 minutes group discussion and post lunch two sessions each of 75 minutes.

At the end of the programme almost all the participants praised highly about the programme, which was clear from their feedback forms.

Some snapshots:



Inaugural Session : The Programme was formally inaugurated by the then Vice Chancellor, in Charge, Prof. M. M. Sharma.



Group Photo of all the resource persons and the candidates, at the end of the programme

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 Department of Mathematical Sciences
 Tezpur University

Mini MTTTS - Tezpur
Mathematics Training & Talent Search (MTTS) Programme
January 3-8, 2018
Department of Mathematical Sciences, Tezpur University,



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 MTTTS programme. In order to cater to a large number of students at regional level, Mini-MTTTS programme has been initiated which runs on the same line of the main MTTTS 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-2018-assam>, 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. Dhiren Kumar Basnet, Local Coordinator**, at the address provided above so as to reach on or before 6 December, 2017. Please write "APPLICATION TO MINI-MTTTS" on the top of the envelope containing the application form.

Venue and Dates

Venue: **Department of Mathematical Sciences,
Tezpur University, Napaam
Sonitpur, Assam, Pin-784028**

Programme Duration: **03-08 January, 2018**

Online application during: **23 Oct. – 30 Nov., 2017**

Last date of receiving application: **6 December, 2017**

Date of announcement of the list of selected candidates:
12 December, 2017 (at MTTTS website)

Note:

Selected participants should send their confirmation of participation to the Local Coordinator by e-mail on or before **25 December, 2017** and they should report at the venue by **8:30 AM** on **03 January, 2018**.

Programme Director

Prof. S. Kumaresan

Director, MTTTS Programme

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Academic Coordinator

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Local Coordinator, Mini-MTTTS, Tezpur

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