

Initiation into Mathematics (InitMath)

[Organized under the aegis of MTTs Trust]

Venue: Dr. Harisingh Gour Vishwavidyalaya, Sagar, Madhya Pradesh

September 4th to 9th, 2023

Funded by NBHM



<https://mtts.org.in/>



<https://dhgsu.edu.in/>

BACKGROUND

MTTS: 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 every summer since 1993, in various venues around the country, including moving online for 2020 and 2021, the two years impacted by Covid. These annual summer camps have made an impressive impact on mathematical scene in the country.

InitMath: A large number of applications are received from all parts of the country for the annual summer camps, but due to limitation of resources and seats, many deserving students do not get a chance to participate in them. In order to overcome this, and to provide opportunities to a large number of students at regional levels, an InitMath (formerly known as miniMTTS) programme is being conducted since 2010. This camp of one or two weeks duration runs along the same lines as the annual summer camp.

ACADEMIC PROGRAMME & AIM

Three fundamental courses in mathematics will be taught by faculty who are highly experienced in the MTTs teaching methodology.

The intent of the instructions is not to give routine lectures, but to stimulate the participants to think and discover mathematical ideas and results on their own.

The aim of the programme is

- to expose bright young students to the excitement of doing mathematics,
- to promote independent mathematical thinking and
- to help the participants gain a high level of confidence for self-study to undertake advanced courses in mathematics.

ORGANIZERS

LOCAL COORDINATOR:

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ACADEMIC COORDINATOR:

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IMPORTANT DATES

- Online application portal open: from **Sat, July 15th, 2023** to **Wed, Aug 9th, 2023**.
- Last day to receive online recommendations: **Fri, Aug 11th 2023**.
- Date of publishing selection list: **Mon, Aug 14th, 2023**.
- Confirmation of participation by selected applicants by: **Thu, Aug 24th, 2023**.
- Programme dates : **Sept 4th – 9th, 2023**.

ELIGIBILITY

Second year undergraduate students with mathematics as one of their main subjects are eligible. Students from Madhya Pradesh will be given preference, and those from neighbouring states will be considered.

APPLICATION PROCEDURE

- Application by the candidates should be submitted online at the site <https://4dSPACE.mttts.org.in>. For detailed guidelines, read the procedure given at <http://mtts.org.in/training-programmes/student-applications-procedure/>
- After logging into the site using the OTP received at the given email address, select the programme Initiation into Mathematics 2023, Sagar (MP).
- Recommendations by teachers are also to be submitted at <https://4dSPACE.mttts.org.in>

Before writing to us with your questions, please see the FAQ page <https://mtts.org.in/faqs>.

SELECTION

The selection will be on merit, based on consistent and good academic records, and recommendation by a mathematics teacher.

The list of selected candidates will also be posted on the MTTs webpage by **Mon, Aug 14th, 2023**. Only selected candidates will be informed of their selection.

Sleeper class train fare or (non-AC) state bus fare, and accommodation will be provided to the selected non-local (outstation) participants. Food will be provided to all the participants.

Other instructions and guidelines for the selected applicants will be published on the MTTs site.

ABOUT THE INSTITUTE AND DEPARTMENT

Dr. Harisingh Gour Vishwavidyalaya, Sagar (A Central University), formerly University of Saugar, was established on 18th July 1946 by Dr. Sir Harisingh Gour by his lifetime saving. It is the oldest and the biggest University of Madhya Pradesh. The University has 36 teaching departments, 9 schools and 175 affiliated colleges. The Department of Mathematics and Statistics was established in the year 1946. From the very foundation day of the department, teaching and research went together. The teachers of the Department have been receiving national and international recognition and financial support for their high quality research. The Department has made notable research contributions in many areas of mathematics. This department has been the oldest one in this region which has always catered the needs of the society to their satisfaction.

ABOUT MTTs TRUST

MTTS-TRUST is a non-profit educational trust. The primary objective of the trust is to organise all activities under the 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.mttts.org.in/mtts-trust

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