

Initiation into Mathematics (InitMath)

[Organized under the aegis of MTTs Trust]

Venue: Indian Institute of Technology Jammu, Jammu & Kashmir

July 8th to 13th, 2024

Funded by NBHM



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



<https://www.iitjammu.ac.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 (known during initial years as miniMTTS) programme is being conducted since 2010. This camp of a duration of one week 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 COORDINATORS:

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IMPORTANT DATES

- Online application portal open:
from **Sun, May 12th, 2024** to **Wed, June 12th, 2024**.
- Last day to receive online recommendations:
Fri, June 14th, 2024.
- Date of publishing selection list: **Mon, June 17th, 2024**.
- Confirmation of participation by selected applicants by:
Wed, June 26th, 2024.
- Programme dates: **July 8th – 13th, 2024**.

ELIGIBILITY

Second year undergraduate students (those who have completed 3 semesters) with mathematics as one of their main subjects are eligible. Students from Jammu & Kashmir 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.mttS.org.in>. For detailed guidelines, please see the “Application procedure” given at the programme webpage

<https://mtts.org.in/programme//im2024jk>

- After logging into the site using the OTP received at the given email address, select the programme Initiation into Mathematics 2024, Jammu & Kashmir.
- Recommendations by teachers are also to be submitted at <https://4dSPACE.mttS.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, June 17th, 2024**. 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 participants.

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

ABOUT THE DEPARTMENT

The Indian Institute of Technology Jammu, inaugurated in 2016, shifted to its lush green main campus in Jagti village in 2018. The Department of Mathematics started with the establishment of IIT Jammu. The vision of the department, currently having 11 energetic and dedicated faculty members in many areas of pure and applied mathematics, is to become a centre of excellence in Mathematics through high quality research and teaching.

The department has started its PhD program from 2017 and its own B.Tech. program in mathematics and computing in collaboration with the Department of Computer Science and Engineering from 2023. Furthermore, the department offers a minor program in Mathematics along with various core and elective courses for all B. Tech. streams and participates in the M. Tech. program in data science and information security.

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

<http://mtts.org.in/mtts-trust>

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