



Initiation into Mathematics 2024, Kerala

under the aegis of Mathematics Training and Talent Search (MTTS) TRUST

11-16 March, 2024

@ St. Joseph's College (Autonomous) Irinjalakuda
Thrissur, Kerala-680121
(Funded by NBHM)



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 the mathematical scene in the country. We receive a large number of applications from all parts of the country, but due to limitation of resources and seats, lot of 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, an InitMath (also known as mini-MTTS) programme has been initiated and runs on the same line of the main MTTS.

AIM OF THE PROGRAMME

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 PROGRAMME

There will be courses in Linear Algebra, Real Analysis and Foundations and will be taught by highly experienced faculty in MTTS teaching methodology.

The aim of the instruction is not to give routine lectures but to stimulate the participants to think and discover mathematical results on their own.

ORGANIZERS

Academic Coordinator:

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Local Coordinator:

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ELIGIBILITY & SELECTION

Second year undergradate students with Mathematics as one of their main subjects. Students from Kerala and neighboring states will be given preference.

The selection will be on merit, based on consistent and good academic records and recommendation by a mathematics teacher who has taught the student.

IMPORTANT DATES

- **Online application during :** January 12 - February 11, 2024.
- **Last date for online recommendation:** February 13, 2024.
- **Date of publishing selection list:** February 19, 2024.

APPLICATION PROCEDURE

1. Application by the candidates should be submitted online. For detailed guidelines, please see the "Application procedure" given at the programme web-page <https://mtts.org.in/programme/im2024ker>.
2. 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>.

THE ORGANIZING INSTITUTE

St. Joseph's College stands tall, about 60 years of legacy and service, solely built on the philosophy of imparting value based education for the holistic development of women. The inspirational vision of Saint Mariam Theresia, the foundress of the Congregation of the Holy Family, guides the institution to achieve its goal in the field of higher education with the support of pioneer administrators. The college was granted the status of CPE by the UGC in 2016. The institution received A++ grade (CGPA 3.66 out of 4) as an autonomous college in the fourth cycle of accreditation by NAAC in 2023.

The Centre for Research in Mathematical Sciences affiliated to the University of Calicut is the research wing of the Post-graduate department of Mathematics. The thrust areas of the research at this centre are Topology, Graph theory, PDE and Modelling, and Queueing theory. Every year department organizes Seminar/Workshop/ Conference with the support of IMU, NBHM, NCM(a joint venture of TIFR and IIT-B), KSCSTE etc. Centre stands to inculcate research interest among students and faculty in diverse areas of Mathematical Sciences.

ABOUT THE 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 (financial or otherwise), please get in touch with us.

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

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