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Initiation into Mathematics (InitMath)

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

@ Department of Mathematics and Computing

IIT(ISM) Dhanbad, Jharkhand 826 004

February 19–24, 2024

Funded by National Board for Higher Mathematics (NBHM)



www.iitism.ac.in

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 India. 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

Three fundamental courses in Mathematics 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

Local Coordinator: Prof. S. P. Tiwari
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ELIGIBILITY & SELECTION

Second year undergraduate students with Mathematics as one of their main subjects. Students from Jharkhand Bihar 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.

IMPORTANT DATES

Online application starts on: December 20, 2023.
Last date for online application: January 20, 2024.
Date of publishing selection list: January 25, 2024.
Programme dates: February 19–24, 2024.

APPLICATION PROCEDURE

Interested students can apply online by accessing

<https://mtts.org.in/programme/im2024iitdhanbad>

List of only selected participants will be displayed on the MTTS website. Candidates selected for the programme will be paid sleeper class return train fare by the shortest route and will be provided free board and lodging for the duration of the course.

ABOUT THE DEPARTMENT

Department of Physics and Mathematics was established since the inception of Indian School of Mines in 1926 and was given an independent status in 1989 as Department of Applied Mathematics and further renamed as Mathematics & Computing in 2019. Over the last three decades, the department has demonstrated its expertise and competence in teaching and research in the core areas of Mathematics and its allied disciplines. The Department provides an outstanding research environment complemented by excellent teaching for its students to flourish in different arena of academics and industry as well. The department offers academic programs leading to the award of M.Sc. (Mathematics and Computing), Integrated M. Tech (Mathematics and Computing), M. Tech. (Data Analytics) and Ph.D. degree.

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.

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