



<https://mtts.org.in>

# Initiation into Mathematics (InitMath)

[UNDER THE AEGIS OF MTTTS TRUST]

@IIIT Naya Raipur, Chhattisgarh

October 01-06, 2025

Funded by National Board for Higher Mathematics (NBHM)



<https://www.iiitnr.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 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 instructions is not to give routine lectures but to stimulate the participants to think and discover results on their own.

## ORGANISERS

### Local Coordinators :

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Department of Mathematics

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## ELIGIBILITY

Second year undergradugate students (those who have completed two semesters) with Mathematics as one of their main subjects are eligible. Students from Chhattisgarh will be given preference, and those from neighbouring states will be considered.

## IMPORTANT DATES

**Online application starts on :** July 28, 2025.

**Last date for online application :** September 4, 2025.

**Last date to receive online recommendations:** September 5, 2025.

**Date of publishing selection list :** September 8, 2025.

**Date of confirmation :** September 15, 2025.

**Programme dates :** October 1 – 6, 2025.

## APPLICATION PROCEDURE & SELECTION

Interested students can apply online by accessing

<https://mtts.org.in/programme/im2025cg>

Only selected candidates will be informed of their selection by September 08, 2025. The list of selected candidates will also be posted on the MTTS website <https://mtts.org.in>

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

Any other instructions and guidelines for the participants will be published on the MTTS website <https://mtts.org.in>

## ABOUT IIIT NAYA RAIPUR

International Institute of Information Technology, Naya Raipur (IIIT-NR), formally Dr. Shyama Prasad Mukherjee International Institute of Information Technology, Naya Raipur, is a state funded technical institute located in the newly developed smart city Nava Raipur, Atal Nagar. The campus is situated on the lush green land near Uparwara village, Sector 24, near Purkhoti Muktangan, Atal Nagar Chhattisgarh. The institute is focused on research and development in Information Technology (IT) and associated disciplines.

The institute was established in year 2015 by the International Institute of Information Technology University Act, 2013 of the Government of Chhattisgarh. It is a joint venture of Government of Chhattisgarh and NTPC Ltd. It is a state university recognized by University Grants Commission, New Delhi.

IIIT-NR currently runs several undergraduate programs for B.Tech. degree in Computer Science and Engineering (CSE), Data Science and Artificial Intelligence (DSAI), Electronics and Communication Engineering (ECE), postgraduate programs for M.Tech. degree in CSE, DSAI and ECE. In addition, it also offers Ph.D. programs in various fields such as CSE, ECE, DSAI, Mathematics, Physics, Humanities and Management.

## ABOUT THE DEPARTMENT

The Department of Science and Mathematics was established in the year 2016. The major research thrust areas are Mathematical Modelling, Computational Fluid Dynamics, Boundary Element Method (Theory & Applications), Dual BEM, Wave Hydrodynamics, Coastal Engineering, Algebraic Coding Theory, Number Theory, Nonlinear optics, Photonics, Plasmonics and Photonic crystals. etc. The Department also offers Ph.D. programs to deserving candidates. The Department has five doctoral faculty members.

## ABOUT THE MTTTS 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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