



MTIS, Department of Mathematics, IISER Bhopal

Mathematics Training for Individual Study

The Department of Mathematics, IISER Bhopal, would like to organize a Mathematics Training program for Individual Study (MTIS).

About the program

- The aim is to develop an interest for mathematics among the students, through encouraging them to work on problems of various levels of difficulty, falling broadly within the scope of the syllabus of **Mathematical Olympiad**, available at the webpage of the Homi Bhabha Centre for Science Education, as below.

[https://olympiads.hbcse.tifr.res.in/
how-to-prepare/syllabus/](https://olympiads.hbcse.tifr.res.in/how-to-prepare/syllabus/)

- A brief introduction to **Mathematical Olympiads** and the **Mathematical Olympiad program** may be found at <https://jpsaha.github.io/MOTP/>.
- Applications are invited from the interested students, enrolled in the 7th, 8th, 9th or 10th standard.
- The forthcoming sessions will be held on the following dates, during 9:00am to 12:00pm at IISER Bhopal in person. There will be a short interval during the session, and refreshments will be served.
 - 3rd, 17th, 31st August, 2024.
 - 14th, 28th September, 2024.
 - 19th October, 2024.
 - 2nd, 16th, 30th November, 2024.

The material posted by Evan Chen at <https://web.evanchen.cc/> are quite useful.

The handouts available at <https://jpsaha.github.io/MOTP/> could be useful.



MTIS, Department of Mathematics, IISER Bhopal

How to apply

- The interested students may apply through the Google form, provided at the link below.

<https://jpsaha.github.io/MOTP/MTIS/>

- In the form, there is a link to a problem set, hosted at <https://jpsaha.github.io/MOTP/MTIS/PSOB24Aug>.
- A solution to these problems is to be submitted through this form. If one does not have a complete solution to a problem, then one may indicate the progress that has been made, and include the details.
- The submissions should be neatly written.
- The **deadline** for submitting the application for the above session is **07th July, 2024**.
- The applicants, selected for participation, will be informed by email on or before **25th July, 2024**. Besides, they will also be sent a set of problems. Some of these problems may be discussed in the session. The decision of the selection committee will remain final in this regard.