

Advanced Mathematical Olympiad Online Training Programme (Level 2)
by
Bhaskaracharya Pratishthana, Pune

Date of Commencement of the course: 17th June 2021

Eligibility for the course: More than 85% marks or equivalent grade in Mathematics in Std. 8, familiarity with the recommended syllabus for RMO (Refer <https://olympiads.hbcse.tifr.res.in/how-to-prepare/syllabus/>), also a keen interest in Mathematics and willingness to work hard.
9th std. students who have done Olympiad Level 1 will be considered for the course. The 9th std. students who have done Foundations of Mathematics Course in the 8th std. may choose to do Olympiad Level 1 or Level 2 depending upon their background and competence. They may consult the Course Coordinator.

Objective and expected outcome of the Programme:

- Rigorous problem solving for preparation for RMO/INMO.
- Introduction to some topics in Higher Mathematics.
- A student is expected to make a serious attempt at RMO or more during the year.

Timings for the course: Thursday: 6.30 pm to 8 pm

Fees for the programme: Rs. 8000/-

Syllabus:

Refer to (<https://olympiads.hbcse.tifr.res.in/how-to-prepare/syllabus/>)

Focus will be on solving problems of difficulty level same as that of RMO and INMO.

Books for reference:

Problem Solving Strategies by Arthur Engel

Books by Titu Andreescu

Teaching Faculty for the course:

Prof. S. A. Katre, M.Sc., M.Phil, Ph.D. in Mathematics,

Dr. V.V. Acharya, M.Sc., Ph.D. in Mathematics,

Dr. Udayan Prajapati, M.Sc., Ph. D. in Mathematics,

Mr. Shriprasad Tambe, M.Sc., Mathematics (IIT Bombay)

Mr. Siddharth Bhalerao, M.Sc., Mathematics (IIT Bombay)

Coordinator of the programme:

Dr. Aditi S. Phadke

9850974995

aditiphadke123@gmail.com