

# Arpit Malode

## Curriculum Vitae

Maharashtra, India

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### Professional Summary

Motivated undergraduate at IISER Pune with a strong foundation in mathematics, physics, and physical chemistry, complemented by coursework in quantum level and multi-variable calculus. Skilled in analytical problem-solving and logical reasoning, with proven academic achievement through qualifying both JEE Main and Advanced. Actively participates in music and art clubs, fostering creativity alongside scientific pursuits. Seeking opportunities to broaden knowledge and research skills in theoretical and experimental sciences in preparation for advanced studies.

### Education

- 2024–Present **BS–MS Dual Degree Program, Indian Institute of Science Education and Research (IISER) Pune, Pune, India, Current CGPA: 7.3/10**  
Semester 1: 7.5/10; Semester 2: 7/10.  
Relevant Coursework: Introductory Quantum Physics, Mathematical Methods for Physics, Introduction to Electrodynamics, Introductory Mechanics, Calculus I & II, Introduction to Computing, Principles of Physical/Organic/Inorganic Chemistry, Introduction to Climate Science.

### Conferences, Workshops & Short Schools

- Jan 2025 **Workshop: Deep Dive into Omics Approach: The Era of Precision Medicine, Pune, India**  
Participated as a selected attendee in a competitive interdisciplinary conference focusing on theoretical and experimental research.

### Technical Skills

- Programming Python (Astropy, Pandas, NumPy, SciPy, Matplotlib), HTML  
Data Analysis Lightkurve, Google Sheets  
Visualization Canva, Desmos

### Honors & Achievements

- Jul 2024 JEE Advanced 2024: Category Rank 8414 ; JEE Mains 2024: 95.26 percentile; IISER Aptitude Test (IAT) 2024: Rank 1581 ; MHTCET : 98.50 percentile  
Mar 2024 Qualified NDA(UPSC) Stage-1 Written Exam.  
2019-20 School Captain. Class 9th - Organized and led student council programs  
2018 Gold Medalist, Taluka-level Chess Championship; represented school at district level  
2017–2019 Achieved Praveshika Purna certification in Tabla after completing three graded examinations, conducted by Akhil Bharatiya Gandharva Mahavidyalaya Mandal.

### Volunteer Experience

- April 2025 **Core Team Member, Art Club, IISER Pune, Pune, India**  
Assisted in planning and executing art-related events and activities; collaborated with peers to promote creative engagement.

## Languages

Marathi Fluent (Native)

Hindi Fluent

English Fluent

## Career Objectives

To pursue a career in scientific research, applying strong foundations in mathematics, physics, and chemistry to contribute to innovative experimental and theoretical projects, while continuously developing technical and analytical expertise.