

PRITAM ACHARYA

+91 88478 95361 | pritam.acharya@students.iiserpune.ac.in | [linkedin.com/pritam](https://www.linkedin.com/pritam) | [pritam-acharya.github.io](https://github.com/pritam-acharya)

EDUCATION

Indian Institute of Science Education and Research (IISER)

BS-MS, Math GPA: 9.0/10.0, CGPA: 8.6/10.0

Pune, Maharashtra

Aug. 2020 – Dec. 2025

D.A.V. Public School

Intermediate, C.B.S.E. (95.2%) [[Marksheet](#)]

Cuttack, Odisha

Apr. 2019 – Mar. 2020

D.A.V. Public School

Matriculation, C.B.S.E. (96.6%) [[Marksheet](#)]

Cuttack, Odisha

Apr. 2017 – Mar. 2018

EXPERIENCE

Question Making Team Member

[Mimamsa, IISER](#)

Sept. 2021 – Present

Pune, Maharashtra

- Was part of the team for making questions for the national level science competition mimamsa in the subject of mathematics and physics.
- Responsibilities included proposing questions, and coming up with solutions to questions proposed by the team.
- An attempt was made to come up with elegant questions, also an effort was made to combine various aspects of science to come up with homogeneous and interdisciplinary questions.

Student Mentor

D.A.V. Public School

Sept. 2020 – Feb. 2021

Cuttack, Odisha

- Mentored a select group of individuals in their senior year for science and math olympiads.
- Responsibilities included conducting mock tests, grading them, and providing students with necessary inputs. Encouraged students to come up with unique and different solutions to the same problem.

SKILLS

Programming Languages: Python, and C.

Frameworks: NumPy, PyPortfolioOpt, Pandas, and matplotlib.

Miscellaneous: Proficient in \LaTeX , git, MATLAB, and gnuplot.

SCHOLASTIC ACHIEVEMENTS

- Among the 30 individuals to be invited to attend the [Radio Astronomy Winter School](#). Could not attend due to scheduling conflict. Dec. 2021
- Bronze Medalist** in [OPhO](#) (Online Physics Olympiad). World rank 10 in the open round, and world rank 18 in the invitational round. [[Certificate](#)] Jul. 2020
- Scored **53/119** in [Indian National Chemistry Olympiad](#). The median score was 32, qualifying marks for the next stage were 54.5. [[Marksheet](#)] Feb. 2020
- Scored **35.5/80** in [Indian National Physics Olympiad](#). The median score was 28.5. [[Marksheet](#)] Feb. 2020
- Among the **Top 1% (National Level)** to qualify National Standard Examination in Chemistry (NSEC). Invited to appear in INChO. [[Invitation](#)] Jan. 2020
- Among the **Top 1% (State Level)** to qualify National Standard Examination in Physics (NSEP). Invited to appear in INPhO. [[Invitation](#)] Jan. 2020
- Awarded with the [Kishore Vaigyanik Protsahan Yojana \(KVPY\)](#) Fellowship by Dept. of Science and Technology, Government of India. [[Certificate](#)] Feb. 2019

KEY COURSES UNDERTAKEN

Physics: Mechanics I, Electrostatics, Intro. to Quantum Mechanics, Mathematical Methods, Lab I, Mechanics II*, Statistical Physics I*

Mathematics: Calculus I & II, Linear Algebra I & II, Intro. to Probability, Real Analysis I*, Discrete Structures*, Algebra I*

Earth and Climate Science: Introduction to Climate Science, Principles of Planetary Climate*

(* marked courses to be completed by May 2022)