

Pritam Acharya

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EDUCATION

Indian Institute of Science Education and Research (IISER)

BS-MS (Applied Mathematics), CGPA: 8.5/10.0

Pune, MH

Aug. 2020 – Dec. 2025

D.A.V. Public School

Intermediate, C.B.S.E. (95.2%)

Cuttack, OD

Apr. 2019 – Mar. 2020

D.A.V. Public School

Matriculation, C.B.S.E. (96.6%)

Cuttack, OD

Apr. 2017 – Mar. 2018

EXPERIENCE

Question Making Volunteer

Mimamsa, IISER

Sept. 2021 – Present

Pune, MH

- Volunteered for making questions for the national level science competition Mimamsa.
- 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, OD

- 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.

SCHOLASTIC ACHIEVEMENTS

- Bronze Medalist** in **OPhO** (Online Physics Olympiad). World Rank 10. Jul. 2020
- Scored **53/119** in **Indian National Chemistry Olympiad**. The median score was 32, qualifying marks for the next stage were 54.5. Feb. 2020
- Scored **35.5/80** in **Indian National Physics Olympiad**. The median score was 28.5. Feb. 2020
- Among the **Top 1% (National Level)** to qualify National Standard Examination in Chemistry (NSEC). Invited to appear in INChO. Jan. 2020
- Among the **Top 1% (State Level)** to qualify National Standard Examination in Physics (NSEP). Invited to appear in INPhO. Jan. 2020
- Gold Medalist** in **Technothon**, an exam of logic organized by **IIT-Guwahati** Students, Awarded with an **All India Rank of 5** among 50,000 candidates. Oct. 2019
- Awarded with the **KVPY Fellowship** by Dept. of Science and Technology, Government of India. Feb. 2019

KEY COURSES UNDERTAKEN

Physics: Introductory Mechanics, Introductory Electrostatics, Quantum Mechanics 1*, Mathematical Methods for Physics*, Physics Lab 1*

Mathematics: Single Variable Calculus, Multi Variable Calculus, Linear Algebra, Introduction to Probability*, Advanced Linear Algebra*

Earth and Climate Science: Evolution of Earth and Life, Introduction to Climate Science*

Computer Science: Introduction to Computing in Python

(* marked courses to be completed by December 2021)

SKILLS

Programming Languages: Introductory proficiency in Python (especially in libraries like NumPy, matplotlib, and Pandas).

Miscellaneous: Proficient in L^AT_EX, git, learning MATLAB and gnuplot.

CO-SCHOLASTIC ACHIEVEMENTS

- Semi-finalist in the **PCRA Saksham Quiz**. Represented the state of Odisha in the South Zonal Finals. 2018
- Runners-up in **Mettle Meet Quiz**. Awarded with a cash prize of ₹ 50,000. 2018