Pritam Acharya

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EDUCATION

Indian Institute of Science Education and Research (IISER)	Pune, MH
BS-MS (Applied Mathematics), CGPA: 8.5/10.0	*Aug. 2020 – Dec. 2025*
D.A.V. Public School	Cuttack, OD
Intermediate, C.B.S.E. (95.2%)	*Apr. 2019 – Mar. 2020*
D.A.V. Public School	Cuttack, OD
Matriculation, C.B.S.E. (96.6%)	*Apr. 2017 – Mar. 2018*

EXPERIENCE

Question Making Volunteer — Sept. 2021 – Present
Mimamsa, IISER — *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 — Sept. 2020 – Feb. 2021
D.A.V. Public School — *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

- Ranked in the **Top 2.5%** in **JEE Advanced** Exam among 150,000 Candidates. *Oct. 2021*
- Scored **378/450** in **BITSAT**. Ranked in the **Top 1%** among approximately 150,000 candidates. *Oct. 2020*
- **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 **Technothlon**, 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 LaTeX, 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*