

Priyanka Priyadarshini Behera

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Profile

I am currently a 3rd-year BS-MS student in Dr. Priyadarsi De's Group in the Department of Chemical Sciences at Indian Institute of Science Education and Research Kolkata (IISER Kolkata), West Bengal, India.

Research Interests

My research interests include synthetic chemistry, chemical biology, drug delivery, and polymer chemistry. I am mainly interested in the synthesis of stimuli-responsive polymers for potential biomedical applications and further future possibilities.

Education

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| BS-MS Dual Degree IISER Kolkata , West Bengal CGPA - 9.4 | Aug 2019 - Present |
| Senior School Certificate Examination- Std 12 Saraswata Residential College, Bhubaneswar, Odisha 510/600 CHSE, Odisha | 2017 - 2019 |
| Secondary School Examination- Std 10 Rtapalli Vidyapitha , Bhubaneswar, Odisha 565/600 in BSE, Odisha | 2012 - 2017 |

Achievements

- ▶ Selected and attended **National Science Camp VIJYOSHI 2019** organized by Department of Science & Technology, Govt. Of India
- ▶ Selected for **INSPIRE Scholarship** from Department of Science & Technology, Govt. of India (2019-Present)
- ▶ Qualified **National Eligibility cum Entrance Test (NEET)** 2019.
- ▶ Selected for **Science Movement Camp** Bhubaneswar 2016
- ▶ Qualified **Uranium Talent Search Examination** 2018, 2016, 2014 and attended the camp
- ▶ Qualified **American Mathematics Competitions (AMC) 8** 2015 organized by Mathematical Association of America
- ▶ Qualified **Regional Mathematics Olympiad (RMO)** 2015 and attended the camp organized by National Board for Higher Mathematics India and appeared in **Indian National Mathematics Olympiad (INMO)** 2016
- ▶ Qualified **Junior Mathematics Olympiad (JMO)** 2014, 2013 and attended the camp organized by Institute of Mathematics and Applications, Bhubaneswar

Research Experience

- ▶ joined **the Polymer Research Centre and Centre for Advanced Functional Materials** at IISER-K led by **Dr. Priyadarshi De**

Research Projects

- review article entitled **From Small Molecules to Polymeric Probes: Recent Advancements of Formaldehyde Sensors** by S. Pan, S. Roy, N. Choudhry, P. P. Behera, K. Sivaprakasam, L. Ramakrishnan, P. De, in the journal **Science and Technology of Advanced Materials(STAM)**.

Skills

Programming Languages & Softwares: Basics of Python programming

Plotting Programs & Softwares: Gnu plot, Origin Lab, Microsoft Office

Operating Systems: Linux, Windows