

Bikram Pal

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🌐 bikuiiserk.github.io/website/ • in bikram-pal-iiserkolkata23ms

Education

Indian Institute of Science Education and Research (IISER), Kolkata

WB, India

BS-MS Dual Degree (Sophomore Status)

2023–present

Grade - A+ | CGPA: 9.63 (Sem 1: 9.69, Sem 2: 9.56)

Birbhum Zilla School

Birbhum, WB

Higher Secondary School

2021–2023

Grade - A+ | Percentage - 96.8

BkTPP Prabir Sengupta Vidyalaya

BkTPP, WB

Secondary School

2015–2021

Grade: A+ | Percentage - 95.29

Research Experience

Research Intern, IIT Kharagpur

Supervisor: Dr Buddhananda Banerjee

Jun 2024-Jul 2024

Project Title: Computational Stochastic Process

Summer Intern, Tata Institute of Fundamental Research (TIFR)

Through NIUS, a major initiative of TIFR concerning tertiary science education in India

June 2024

Attended NIUS Physics 2024 summer camp 21.1

Project Student, IISER Kolkata

Supervisor: Dr Soumitro Banerjee

Jan 2024-Jun 2024

Exploring chaotic phenomena, bifurcation theory, and nonlinear differential equations

Research Interest

- Probability, Stochastic Methods, Statistics
- Statistical Mechanics, Chaos
- Differential Calculus, Differential Equations

Skills

Operating System: Linux(Ubuntu), Windows

Programming: Python, R

Software: Matlab, L^AT_EX, Origin, Gaussian

MS Office: Word, Excel, PowerPoint

Languages: Bengali, English, Hindi, Elementary Sanskrit

Achievements

DST-INSPIRE Scholar

Scholarship awarded to Students pursuing Basic Sciences

2023- Present

Awarded to top 1% of Class XII students or Top 10k ranked JEE Adv Students in India

Achiever in Board Examination

WBCHSE Rank 13

2023

Scored 484/500 with perfect scores (100/100) in both Mathematics and Statistics

Competitive Exams

Exams Cleared: JEE, NEST, CUET, and IAT

2023

Scored 99.9%ile in CUET, AIR under 500 in IAT & NEST,

Ranked 5th in Mathematics and 15th in Physics Jadavpur University Entrance Test

Achievement in Diagnostic Test in Mathematics (ADTM)

Rank 15

2018

Secured 15th rank all over State in the ADTM Examination organised by CPSM

Positions of Responsibility

School Captain

BkTPP, WB

Nominated as the Captain of BkTPP Prabir Sengupta Vidyalaya

2018-2019

Core Committee Member

IISER, Kolkata

Identity: Maths Club of IISER Kolkata

2023-2024

Student Activities

Cricket.....

Won the IISER Kolkata Premier League 2024 organised by IKCC

Debate.....

- Two time Winner of Debate competition organised by West Bengal Election commission of India 2022 and 2023
- Winner of Debate competition organised by West Bengal Co-operative Society 2022

Science Fair.....

Participated in State Level Science Model Competition, 2018