

# Aritrabha Majumdar

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Currently, I am a student at Indian Statistical Institute, Bangalore. I am fascinated by the elegance and beauty of Probability and Statistics and their application in numerous fields. My topics of interest include Probability Theory, Random Walk, Stochastic Process, Dynamical Systems.

## Education

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<b>B.Math</b>	<b>Indian Statistical Institute</b>	July 2023 - April 2026
	<ul style="list-style-type: none"><li>• Successfully completed first year of studies</li><li>• <b>Coursework:</b> Real Analysis, Linear Algebra, Probability, Elementary Number Theory, Fundamentals of Computing and Programming, Introduction to Statistics and Computation with Data, Numerical Computing.</li></ul>	
<b>WBCHSE</b>	<b>Ramakrishna Mission Vivekananda Vidyamandir, Malda</b>	2021 - 2023
	<ul style="list-style-type: none"><li>• Passed WBCHSE with 97%.</li></ul>	
<b>WBBSE</b>	<b>Ramakrishna Mission Vivekananda Vidyamandir, Malda</b>	2015 - 2021
	<ul style="list-style-type: none"><li>• Passed WBBSE with 96%.</li></ul>	

## Achievements

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- Qualified IAT with AIR 469. 2023
- Qualified National Science Examination for Chemistry. 2022
- Qualified IOQM 2020. 2020

## Experience

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- Currently attending an online course of *Advanced Theory in Statistics* under Professor Xin Zhao. This course is organised by Beijing Institute of Mathematical Sciences and Application.
- Attended and successfully completed a course of *Econometric Modelling and Business Analytics* under Professor Jhareswar Maiti and Dr. Sayak Roychowdhury. The course included basics of Hypothesis Testing, Regression Analysis, ANOVA, ANCOVA, analysis of Auto Colinearity, Multicollinearity, Heteroscedasticity etc.

## Skills

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<b>Languages</b>	Bengali, English, Hindi, Sanskrit, German
<b>Coding</b>	C, Python, T, $\text{\LaTeX}$ , OCTAVE/MATLAB
<b>Other Activities</b>	I am a member of the Math Club at ISI Bangalore. The goal of this club is to organize various talks, seminars and lecture series across the year. Besides, i am also a member of The Cultural Committee of ISI Bangalore.

## Talks Given

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- **Trapped or Free: Understanding Random Walk Dynamics** 2024  
*Math Club, ISI Bangalore*