

# Aritra Kundu

## PERSONAL DETAILS

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<i>Birth</i>	June 15,2000
<i>Address</i>	31/1 E Beadon Row,Kolkata 700006,West Bengal,India
<i>Phone</i>	+91-7980405627
<i>E-mail</i>	<a href="mailto:aritra@cmi.ac.in">aritra@cmi.ac.in</a>

## EDUCATION

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**B.Sc. in Mathematics and Computer Science, Chennai Mathematical Institute**

2019 – 2022

*Secured 8.79 GPA.(overall)*  
secured 9.25 GPA (Maths)

**12th Hare School**

2016 – 2018

*West Bengal Council of Higher Secondary Education*  
Secured 88.20% marks in 12th standard.

**10th Hare School**

2016

*West Bengal Board of Secondary Education*  
Secured 93.8% marks in 10th standard.(2nd position in school)

## RELAVANT COURSE WORK

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### Mathematics

*Linear Algebra, Group,Rings Fields, Modules and Galois Theory,*  
*Homological Algebra,Algebraic Geometry 1,*  
*Algebraic Curves and Riemann Surfaces,Algebraic Groups,*  
*Combinatorics and Commutative Algebra,Algebraic Number Theory*

### Computer Science

*Functional Programming(Haskell),Advanced Programming (Python),Design and Analysis of Algorithms,Discrete Math,Theory of Computation*

### other courses

*Classical Mechanics 1,English,Economics*

## SUMMER EXPERIENCE

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### Algebraic Curves(Summer Internship)

May2021 – August2021

*Supervision : Under Prof.Krishna Hanumanthu,Associate Dean,  
Chennai Mathematical Institute*

*Studied 1st 6 Chapters of the book Algebraic Curves by William Fulton and presented some interesting problems*

### Advanced Instructional School on Representation theory

June – July, 2022

*Organizers: Prof.Upendra Kulkarni(Chennai Mathematical Institute) and  
Prof. Amritanshu Prasad(Institute of Mathematical Sciences,Chennai)*

*Character Theory,Representation of finite groups,introduction to modular representation theory were taught there.*

### CREST SCHOOL 2022

July, 2022

*Applied Combinatorics- Cryptography and Combinatorial Topology*

## TEACHING ASSISTANT

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### Algebra 2

January, 2022 – May, 2022

*Prof.Manoj Kummini(Associate Dean)*

### Algebra 3

August, 2022 – Present

*Prof.Clare D Cruz*

## ACHIEVEMENTS

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1. Selected as a young researcher in 9th Heidelberg Laureate Forum(18th September,2022-23rd September,2022)
2. Selected as Jagadish Bose National Science Talent Search Senior Scholar,2018.
3. Received SRIRAM Scholarship(Institution fee waiver and monthly stipend) based on my performance in B.Sc. admission test of Chennai Mathematical Institute.
4. Direct admission for M.Sc.(maths) in C.M.I. based on my B.Sc. performance.
5. Selected for interview of National Board Of Higher Mathematics(NBHM) Doctoral Fellowship through NBHM (PhD)Written Exam.
6. Topper in the N.P.T.E.L. course on Algebraic Combinatorics and received silver medal.
7. Inspire Scholarship (a National level scholarship program) holder (2018-2019)

## SKILLS

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*Languages*      Bengali (mother tongue)  
English(fluent)  
Hindi(fluent)

*Programming  
Languages*      PYTHON, HASKELL

*Documentation*    LATEX