

Aritra Kundu

PERSONAL DETAILS

<i>Birth</i>	June 15,2000
<i>Address</i>	31/1 E Beadon Row,Kolkata 700006,West Bengal,India
<i>Phone</i>	+91-7980405627
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EDUCATION

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)

RELEVANT COURSE WORK

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

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

Algebra 2

January, 2022 – May, 2022

Prof.Manoj Kummini(Associate Dean)

Algebra 3

August, 2022 – Present

Prof.Clare D Cruz

ACHIEVEMENTS

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

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

*Programming
Languages* PYTHON, HASKELL

Documentation LATEX