

Maneesha Ampagouni

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Education

University of California, Santa Cruz

August 2019 - Present

- Ph.D. in Mathematics
- Advisor: Geoffrey Mason

Indian Statistical Institute, Bangalore

July 2017 - May 2019

- Master of Mathematics (M.Math)

Indian Statistical Institute, Bangalore

July 2014 - May 2017

- Bachelor of Mathematics (Hons.)

Teaching

Teaching Assistantship

- MATH 3 - Precalculus
- MATH 11A-01 - Calculus with Applications
- MATH 11B-01 - Calculus with Applications
- MATH 19A - Calculus for Science, Engineering and Mathematics
- MATH 19B - Calculus for Science, Engineering and Mathematics
- MATH 21-01 - Linear Algebra
- MATH 23A-OL - Vector Calculus
- MATH 110-01 - Introduction to Number Theory

UC Santa Cruz
Spring 2021
Fall 2021, Spring 2022
Winter 2022
Winter 2021, Fall 2023
Fall 2019, 2020,
Winter, Spring 2023
Fall 2022
Spring 2024
Winter 2023

Publications

In progress

Seminars and Talks

Introduction to Monstrous Moonshine

UC Santa Cruz
Spring 2024

- Mathematics Graduate Colloquium

Modular Invariance of Trace Functions in Orbifold Theory

UC Santa Cruz
Winter 2024

- In a reading group with Junwen Liao, Xuguang Liu, Tsz Yau Tin

What is the Moonshine Module?

UC Santa Cruz
Fall 2023

- In a reading group with Junwen Liao, Xuguang Liu


What is a Modular Tensor Category?

UC Santa Cruz
Fall 2023

- In a reading group with Junwen Liao, Xuguang Liu


Mentorship

Directed Reading Program

- Mentored Violet McAllister through an introduction to Representation Theory of Groups as a part of the [Directed Reading Program \(DRP\) at UCSC](#) .

UC Santa Cruz
Winter 2024

Algebra Prelim Study Group Leader

- Served as a leader to the algebra prelim study group organised by [AWM at UCSC](#) .

UC Santa Cruz
Winter 2024
Spring 2024

Awards and Distinctions

INMO Merit Certificate

- In recognition of good performance in the olympiad conducted by the Homi Bhabha Centre for Science Education on behalf of National Board for Higher Mathematics

2014

Dean's List

- For outstanding performance in the academic semester

Indian Statistical Institute
Semester-II 2015
Semester-I 2016