

# Maneesha Ampagouni

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## Education

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<b>University of California, Santa Cruz</b>	August 2019 - Present
<ul style="list-style-type: none"> <li>Ph.D. in Mathematics</li> <li>Advisor: Geoffrey Mason</li> </ul>	
<b>Indian Statistical Institute, Bangalore</b>	July 2017 - May 2019
<ul style="list-style-type: none"> <li>Master of Mathematics (M.Math)</li> </ul>	
<b>Indian Statistical Institute, Bangalore</b>	July 2014 - May 2017
<ul style="list-style-type: none"> <li>Bachelor of Mathematics (Hons.)</li> </ul>	

## Teaching

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<b>Graduate Student Instructor</b>	UC Santa Cruz
<ul style="list-style-type: none"> <li>MATH 2-01 - College Algebra for Calculus</li> </ul>	Summer 2024
<b>Teaching Assistantship</b>	UC Santa Cruz
<ul style="list-style-type: none"> <li>MATH 23A-OL - Vector Calculus</li> <li>MATH 110-01 - Introduction to Number Theory</li> <li>MATH 19A - Calculus for Science, Engineering and Mathematics</li> <li>MATH 19B - Calculus for Science, Engineering and Mathematics</li> <li>MATH 21-01 - Linear Algebra</li> <li>MATH 11A-01 - Calculus with Applications</li> <li>MATH 11B-01 - Calculus with Applications</li> <li>MATH 3 - Precalculus</li> </ul>	Spring 2024 Winter 2024 Winter 2021, Fall 2023 Fall 2019, 2020, Winter, Spring 2023 Fall 2022 Fall 2021, Spring 2022 Winter 2022 Spring 2021

## Publications

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In progress

## Seminars and Talks

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<b>Introduction to Monstrous Moonshine</b>	UC Santa Cruz
<ul style="list-style-type: none"> <li>Mathematics Graduate Colloquium</li> </ul>	Spring 2024
<b>Modular Invariance of Trace Functions in Orbifold Theory</b>	UC Santa Cruz
<ul style="list-style-type: none"> <li>In a reading group with Junwen Liao, Xuguang Liu, Tsz Yau Tin</li> </ul>	Winter 2024
<b>What is the Moonshine Module?</b>	UC Santa Cruz
<ul style="list-style-type: none"> <li>In a reading group with Junwen Liao, Xuguang Liu</li> </ul>	Fall 2023
<b>What is a Modular Tensor Category?</b>	UC Santa Cruz
<ul style="list-style-type: none"> <li>In a reading group with Junwen Liao, Xuguang Liu</li> </ul>	Fall 2023

## Mentorship

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### 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

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### 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