

Soumyadeep Misra

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Education

University of Kansas, Lawrence, USA

PhD in Mathematics

August. 2024 – Now

Advisor: Prof. Hai Long Dao

Indian Institute Of Technology Madras, Chennai, India

Master of Science in Mathematics

July. 2022 – May 2024

CGPA-8.81

St Xavier's College(Autonomous), Kolkata, India

Bachelor of Science in Mathematics

June. 2019 – May 2022

CGPA-8.33

Teaching Experience

University of Kansas

Lawrence, USA

Instructor of Record

- MATH 115 (Spring 2026)
- MATH 104 (Fall 2025)
- MATH 101 (Fall 2024)

University of Kansas

Lawrence, USA

Teaching Assistant

- MATH 125 (Summer 2025)
- MATH 126 (Spring 2024)

Publications

A counterexample to a conjecture of Küronya and Pintye on regularity and integral closure

<https://arxiv.org/abs/2605.13879>

Certified Online Course

Computational Commutative Algebra

July 2023-November 2023

- *Course Instructor: Dr. Manoj Kummini, Chennai Mathematical Institute(CMI)*
- Registered for the course on NPTEL(National Programme on Technology Enhanced Learning ,India)
- Learned **Macaulay2** and acquired skills in computing algebraic varieties.
- Achieved certification as one of the five students in this course. ([View certificate](#))

Conferences and Workshops

PASCA 2.0 Summer School

Centro de Investigación en Matemáticas

May 18-May 29, 2026

Guanajuato, Mexico

KUMUNU 2025

University of Missouri

October 25-26, 2025

Columbia, MO

URiCA 2025

University of Nebraska-Lincoln

May 3-4, 2025

Lincoln, NE

Rayfest 2025

University of Nebraska-Lincoln

April 12-13, 2025

Lincoln, NE

AMS Spring Central Sectional Meeting

University of Kansas

March 29-30, 2025

Lawrence, KS

Commutative algebra in mixed characteristic

University of Nebraska-Lincoln

March 28-29, 2025

Lincoln, NE

KUMUNU 2024

University of Missouri

September 28-29, 2024

Columbia, MO

Workshop on Representation Theory and Syzygies

National Centre of Mathematics

December 18-23, 2023

India

Technical Skills

Commutative Algebra Tools: Macaulay2

Languages: C,R

Developer Tools: Matlab, Minitab, LaTeX

MS Tools: Word, Excel, Powerpoint