

Sreehari Suresh Babu

Education

- 2022–Present **PhD in Mathematics (in progress)**, *University of Kansas*
2016–2021 **BS–MS Dual Degree**, *IISER Thiruvananthapuram*
Major: Mathematics; Minor: Physics;

Honors and Awards

- U.G. Mitchell Graduate Scholarship in Mathematics, Summer 2023, 2024, KU
- Junior Research Fellow (JRF), IISER Pune
- School Gold Medal 2021, School of Mathematics, IISER Thiruvananthapuram
- INSPIRE Fellowship from Department of Science and Technology, India

Talks

- Local Cohomology and Global Cohomology**, *Algebra Seminar*, University of Kansas, February 2024
- Socle Degrees of Finite Sets of Points in Projective Space**, *Algebra Day at KU*, University of Kansas, November 2023
- Catelnuovo-Mumford Regularity of Subspace Arrangements**, *Algebra Seminar*, University of Kansas, October 2023
- p-adic Integers**, *GSO Seminar*, University of Kansas, September 2023

Conferences/Workshops Attended

- August 2024 **Multigraded and differential graded methods in commutative algebra (SLMath Summer Graduate School)**, *St. Mary's College*, Moraga, CA
- June 2024 **NCMW - Recent Trends in Commutative Algebra (2024)**, *IIT Bombay*, Powai
- September 2023 **KUMUNU 2023**, *University of Missouri*, Columbia, MO
- May 2023 **URiCA 2023**, *University of Nebraska–Lincoln*, Lincoln, NE
- April 2023 **Kansas Mathematics Graduate Student Conference (KMGSC)**, *Kansas State University*, Manhattan, KS
- October 2022 **KUMUNU 2022**, *University of Nebraska–Lincoln*, Lincoln, NE
- August 2021 **Elliptic Curves and The Special Values of L-functions (ONLINE)**, *ICTS*, Bengaluru
- Summer 2019 **Summer Fellow**, *IIT Madras*, Chennai
Title: *Vanishing of Matrix Coefficients at infinity*; Advisor: Dr. Aprameyan P
- December 2016 **National Science Camp 2016 (VIJYOSHI)**, *IISc.*, Bangalore

Teaching

- Fall 2024 **MATH 126: Calculus II**, *University of Kansas*
Lab Recitation

Spring 2024 **MATH 115: Calculus I**, *University of Kansas*

Instructor

Fall 2023 **MATH 115: Calculus I**, *University of Kansas*

Instructor

Spring 2023 **MATH 101: College Algebra**, *University of Kansas*

Instructor

Fall 2022 **MATH 002: Intermediate Mathematics**, *University of Kansas*

Instructor

Others

Languages Malayalam (Native), English (Fluent), Hindi (Fluent)

Skills Python, Macaulay2, \LaTeX