Sudharshan K V

Department of Mathematics, University of Texas at Austin
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Research Interests

Number Theory

Education

Ph.D. in Mathematics   2024–Present
University of Texas at Austin
Advisor: Prof. Ashay Burungale
Expected completion: 2029

B.Sc. in Mathematics   2024
Indian Institute of Science
Advisor: Prof. Mahesh Kakde

Conferences and Workshops

- (Upcoming) Iwasawa Theory for GL(2) and Applications, CMO, Oaxaca   Aug-Sep 2026
- Automorphic Forms and the Bloch Kato Conjecture, ICTS Bangalore   May 2025
- Automorphic Forms Workshop, University of North Texas, Dallas   April-May 2025
- Texas Algebraic Geometry Symposium, Texas A&M University, College Station   April 2025
- Rational Points on Modular Curves, ICTS Bangalore   September 2023

Teaching Experience

Teaching Assistant, [M 379T] Quadratic Forms   Spring 2026
Teaching Assistant, [M 343L] Applied Number Theory (Cryptography)   Spring 2026
Teaching Assistant, [M 408M] Multivariable Calculus   Fall 2025

Awards and Fellowships

Dean's Strategic Fellowship, University of Texas at Austin   2024-2025

Academic Service

Organizer, Junior Number Theory Seminar   Spring 2026