

Sudharshan K V

Department of Mathematics, University of Texas at Austin
sudharshankv02@utexas.edu <https://kvs02.github.io>

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

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