

Komal Agrawal

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Education

- **University of Georgia** Athens, Georgia, United States
PhD(Mathematics) 2017 - Present
 - Advisor: Paul Pollack
- **Birla Institute of Technology and Science, Pilani** Hyderabad, India
Bachelors(Mathematics) 2013 - 2017
 - Thesis: Spectral Spaces of Locally Finitely Generated Abelian Categories
 - Supervisor: Abhishek Banerjee (Indian Institute of Sciences, Bengaluru)
 - Degree awarded with First Class.

Work Experience (Academic)

- **Instructor of Record** Athens, Georgia
University of Georgia, Department of Mathematics Fall 2018 - Present
 - MATH 1113, Precalculus (x3)
 - MATH 2250, Calculus (x2)
- **Graduate Student Teaching Assistant** Athens, Georgia
University of Georgia, Department of Mathematics August 2017 - Present
 - MATH 4000, Modern Algebra and Geometry I (x2)
 - MATH 4010, Modern Algebra and Geometry II
 - MATH 1113E, Precalculus - Online
 - MATH 2250, Calculus I for Science and Engineering - Online
- **Teaching Assistant** Hyderabad, India
BITS Pilani, Department of Mathematics Fall 2016
 - MATH F231, Number Theory

Awards, Grants & Honours

University of Georgia, B.J. Ball Scholarship	Summer 2020
University of Georgia, Teaching Assistanship	2017-present
UGA Office of the Vice President of Research Grant	2017-2018
Government of India, INSPIRE-SHE Scholarship	2013-2017
AISSE Certificate of Merit	2013

Talks

- “Joints Problem”, October 2019, Analysis Reading Seminar, UGA.
- “Zeta Functions”, October 2019, SMARTS Seminar, UGA.
- “Orders of Arithmetic Functions”, April 2019, Graduate Student Seminar, UGA.
- “Collatz Conjecture and its Polynomial Analogue”, July 2018, GSSC, UGA.

Conferences and Workshops Attended

- Modular Forms, Arithmetic, and Women in Mathematics, Nov 2019.
- Palmetto Number Theory Series 32, Sep 2019.
- Polynomial Method, Summer Graduate School, MSRI, July 2019.
- Palmetto Number Theory Series 31, Dec 2018.

Service

- Member, Climate and Inclusivity Committee, 2019-2020.
- Organizer, UGA Math Graduate Student Seminar, 2019-2020.
- Vice President, UGA Chapter of the AWM, 2018-Present.
- UGA High School Math Tournament, Volunteer, Oct 2019.
- Directed Reading Program Mentor for Quinn Wyner (undergraduate) on Number Theory and Cryptography, Spring 2019.
- Directed Reading Program Mentor for Ryan Carroll (undergraduate) on Category Theory, Fall 2018.
- Graduate Student Helper, Combinatorial Geometry Group, UGA MathCamp, July 2018.