

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
– M ATH 1113, Precalculus (x3)
– M ATH 2250, Calculus (x1)
- **Graduate Student Teaching Assistant** Athens, Georgia
University of Georgia, Department of Mathematics August 2017 - Present
– M ATH 4000, Modern Algebra and Geometry I (x2)
– M ATH 4010, Modern Algebra and Geometry II
– M ATH 1113E, Precalculus - Online
– M ATH 2250, Calculus I for Science and Engineering - Online
- **Teaching Assistant** Hyderabad, India
BITS Pilani, Department of Mathematics Fall 2016
– M ATH F231, Number Theory

Awards, Grants & Honours

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 for reasons of outstanding performance 2013

Talks

- “Orders of Arithmetic Functions”, April 2019, Graduate Student Seminar, UGA.
- “Collatz Conjecture and its Polynomial Analogue”, July 2018, GSSC, UGA.

Conferences and Workshops Attended

- Polynomial Method, Summer Graduate School, MSRI, July 2019.
- Palmetto Number Theory Series 31, Dec 2018.
- Summer Outreach Program in Mathematics (SOPM16) at NISER Bhubaneswar, India.

Service

- Member, Climate and Inclusivity Committee, 2019-2020.
- Organizer, UGA Math Graduate Student Seminar, 2019-2020.
- Vice President, UGA Chapter of the AWM, 2018-2019.
- Directed Reading Program Mentor for Quinn Wyner, Spring 2019.
- Directed Reading Program Mentor for Ryan Carroll, Fall 2018.
- Graduate Student Helper, Combinatorial Geometry Group, UGA MathCamp, July 2018.
- Student Volunteer, HelpAge India - Goa, Summer 2015.