

PRIYADARSHI DEY

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EMPLOYMENT	Millsaps College <i>Assistant Professor</i>	Jackson, MS Aug 2025 - Present
	Kenyon College <i>Visiting Assistant Professor</i>	Gambier, OH Aug 2023 - Jul 2025
	University of South Florida <i>Visiting Assistant Professor</i>	Tampa, FL Aug 2022 - Jul 2023
	Virginia Tech <i>Instructor of Mathematics</i>	Blacksburg, VA Aug 2021 - Jul 2022

EDUCATION	Department of Mathematical Sciences, University of Memphis <i>Ph.D. in Mathematics</i>	Memphis, TN 2016 - 2021
	<ul style="list-style-type: none">• Advisor: Dr. Fernanda Botelho• Thesis title: Hermitian projections and Geometric properties of Banach spaces.• Research area: Operator theory, Functional Analysis, Banach Space Geometry.	

RESEARCH ARTICLES	Published	
	<ol style="list-style-type: none">1. Botelho, F., Dey, P., Easley, Z. Projections in the convex hull of isometries on Absolutely Continuous Function Spaces. <i>Journal of Mathematical Analysis and Applications</i>, 2023. [Journal]2. Botelho, F., Dey, P., Ilišević, D. Hermitian projections on some Banach spaces and related topics. <i>Linear Algebra and Its Applications</i>, 2020. [Journal]	
	Preprints	
	<ol style="list-style-type: none">1. Amrutam, T., Dey, P., Monika. On the Convergence of Numerical Index via Operator Openings and Ultraproducts. Preprint, 2026. [arXiv]2. Dey, P., Easley, Z., Monika. Projections in the Algebra Generated by an n-potent Operator. Preprint, 2025. [arXiv]	

TEACHING	Millsaps College Department of Mathematics	2025–Present
	<ul style="list-style-type: none">• MATH 4630 : Real Analysis, S26, S27• MATH 4510 : Mathematical Statistics, F26• MATH 2310 : Introduction to Advanced Mathematics, F25• MATH 1220 : Analytical Geometry & Calculus I, F25 (×2)• MATH 1150 : Elementary Statistics, S26 (×2), F26 (×2), S27 (×2)	
	Kenyon College Department of Mathematics & Statistics	2023–2025
	<ul style="list-style-type: none">• MATH 341 : Real Analysis I, F24• MATH 342 : Real Analysis II, S25• MATH 224 : Linear Algebra, F24, F23, S24• STAT 106 : Elements of Statistics, S25 (×2), S24 (×2)• MATH 112 : Calculus II, F23	
	University of South Florida & Virginia Tech	2021–2023
	<ul style="list-style-type: none">• Courses taught: Linear Algebra, Engineering Calculus II, Calculus II (USF, 2022–2023); Calculus of a Single Variable (Virginia Tech, 2021–2022).	

- STUDENT MENTORING
- Senior Capstone Advisor on the project “*Investigating the Derivation of Real and Complex Fourier Coefficients*”, Department of Mathematics & Statistics, Kenyon College. 2023
 - Graduate Student Mentor for the NSF grant “*Promoting Success in Undergraduate Mathematics Program*”(PI. John Haddock), University of Memphis. 2019 – 2021
- AWARDS AND HONORS
- Recipient of [AMS-ICM 2026 Travel Grant](#) (funded by NSF), for early career mathematicians to attend the ICM 2026, Philadelphia, PA, July 2026. Spring 2026
 - Recipient of [AMS-MCA 2025 Travel Grant](#) (funded by NSF), for attending the Mathematical Congress of the Americas, University of Miami, FL, July 2025. Grant declined due to family reasons. Summer 2025
 - Recipient of [JMM travel grant for primarily undergraduate institution \(PUI\) faculty](#) for attending and delivering a talk at JMM, 2024. Spring 2024
 - Recipient of [DMS 2021 Research Award](#) for an excellent progress toward achieving the doctoral degree. Spring 2021
 - Recipient of [Outstanding 2021 Graduate Assistant Award](#). Spring 2021
 - Invited to participate in the Summer Grad School [Mathematics of Big Data: Sketching and \(Multi-\) Linear Algebra](#) at MSRI, Berkeley. Summer 2021
 - Recipient of [Cecil C. Rousseau award](#) for an excellent progress toward achieving the doctoral degree and an excellent teaching record. Fall 2020
 - Recipient of Travel Enrichment fund, University of Memphis for presenting in [IWOTA 2019](#). Summer 2019
- INVITED TALKS
- “**Projections and Isometries: Interconnections in Infinite-Dimensional Spaces**” at [Ohio Speaker Circuit](#), Oberlin College, Oberlin, OH. April 2025
 - “**Exploring connections between Isometries and Projections on Infinite Dimensional Spaces**” at [Math Mondays](#), Kenyon College, Gambier, OH. November 2023
 - “**Recent results in Hermitian Projections on Banach spaces**” at [One Day in Operator Theory](#), University of Memphis, Memphis, TN. February 2020
 - “**Hermitian Projections on Operator spaces**” at [IWOTA 2019](#), University of Lisbon, Portugal. July 2019
- CONTRIBUTED TALKS
- “**Projections in the algebra generated by an n -potent operator**” at [South Eastern Analysis Meeting \(SEAM\)](#), University of Richmond, Richmond, VA. March 2026
 - “**A class of projection and its characterization on Banach Spaces**” at [New Faces in Operator Theory](#), JMM 2025, Seattle, WA. January 2025
 - “**Projections in the combination of powers of operators of finite order**” at [AMS Special Session on New Faces in Operator Theory and Function Theory](#), JMM 2024, San Francisco, CA. January 2024
 - “**Projections in the convex hull of Surjective isometries**” at [Ohio River Analysis Meeting XII \(ORAM\)](#), University of Cincinnati, Cincinnati, OH. March 2023
 - “**Hermitian projections on some operator spaces**” at [38th South Eastern Analysis Meeting \(SEAM\)](#), University of Florida, Gainesville, FL (held online). March 2022
- PROFESSIONAL SERVICE
- Reviewer, [Mathematical Reviews](#), American Mathematical Society. 2026–Present
 - Served as a referee for the Journal of Contemporary Mathematics. Summer 2023
 - Served as a panel member for Undergraduate Honor System, Virginia Tech. Fall 2021
 - Worked as a facilitator for the conference One day in Operator Theory. February 2020
- REFERENCES
- Fernanda Botelho, mbotelho@memphis.edu, *Professor Emeritus*, University of Memphis.
 Catherine Beneteau, cbenetea@usf.edu, *Professor*, University of South Florida.
 Erin Leatherman, leatherman1@kenyon.edu, *Associate Professor*, Kenyon College.