

# Padmavathi Srinivasan

## Employment

- 2023–current **Boston University, Tenure Track Assistant Professor**
- 2022–2023 **Institute of Computational and Experimental Research in Mathematics, Senior Research Associate, Simons Collaboration on Arithmetic Geometry, Number Theory, and Computation**
- 2019–2022 **University of Georgia, Limited Term Assistant Professor**
- 2016–2019 **Georgia Institute of Technology, Hale Visiting Assistant Professor**

## Education

- 2011–2016 **Massachusetts Institute of Technology, PhD in Mathematics**  
Advisor: Bjorn Poonen
- 2009–2011 **Chennai Mathematical Institute, MSc in Mathematics**
- 2006–2009 **Chennai Mathematical Institute, BSc (Honours) in Physics**

## Awards

- 2024–2027 **NSF Division of Mathematical Sciences Standard Grant for Models of curves, rational points and modified diagonal cycles. Award Number: 2401547**
- 2019–2021 **AMS Simons Travel Grant**
- May–July 2022 **Simons fellowship for attending thematic programme “K-theory, algebraic cycles and motivic homotopy theory” at Isaac Newton Institute, Cambridge UK (declined due to visa reasons)**

## Preprints and Publications

- 1 Covers of curves, Ceresa cycles, and unlikely intersections (with Tejasi Bhatnagar, Sheela Devadas and Toren D’Nelly Warady), arxiv:2603.01445.
- 2 Minimal regular normal crossings models of superelliptic curves (with Andrew Obus), arxiv:2506.24091.
- 3 Certifying non-triviality of Ceresa classes of curves (joint with Jordan Ellenberg and Adam Logan), arxiv:2112.03873.
- 4 Curve equations from expansions of 1-forms at a nonrational point (joint with Raymond von Bommel, Edgar Costa, and Bjorn Poonen), *To appear in Proceedings of LMFDB, Computation and Number Theory (LuCaNT)*, arxiv:2506.14026
- 5 p-adic adelic metrics and Quadratic Chabauty (joint with Amnon Besser and J. Steffen Mueller), *Journal für die reine und angewandte Mathematik (Crelles Journal)*, vol. 2025, no. 828, 2025, pp. 223–305. , arxiv:2112.03873, doi.org/10.1515/crelle-2025-0063.
- 6 Quadratic enrichment of the logarithmic derivative of the zeta function (joint with Margaret Bilu, Wei Ho, Isabel Vogt and Kirsten Wickelgren), *Transactions of the AMS*, 2024., arXiv:2210.03035, doi:10.1090/btran/201.

- 7 Finiteness of reductions of Hecke orbits (with Mark Kisin, Yek Hay Joshua Lam and Ananth N. Shankar), *J. Eur. Math. Soc.* 27 (2025), no. 4, pp. 1447–1464, arxiv:2109.05147, doi.org/10.4171/JEMS/1395.
- 8 Computing non-surjective primes associated to Galois representations of genus 2 curves (joint with Barinder S. Banwait, Armand Brumer, Hyun Jong Kim, Zev Klagsbrun, Jacob Mayle and Isabel Vogt), *Contemporary Mathematics*, 796. 2023. *Journal Link*, arxiv:2301.02222, doi.org/10.1090/conm/796
- 9 Conductor-discriminant inequality for hyperelliptic curves in odd residue characteristic (with Andrew Obus), *International Mathematical Research Notices*, July 2023, arxiv:1910.02589, doi:10.1093/imrn/rnad173.
- 10 Group-theoretic Johnson classes and a non-hyperelliptic curve with torsion Ceresa class (with Dean Bisogno, Wanlin Li and Daniel Litt), *Épjournal de Géométrie Algébrique*, March 2023, arxiv:2004.06146, doi:10.46298/epiga.2023.volume7.6849.
- 11 Explicit minimal embedded resolutions of divisors on models of the projective line (with Andrew Obus), *Research in Number Theory*. Apr 2022., arxiv:2105.03030, doi:10.1007/s40993-022-00323-y.
- 12 Surface bundles and the section conjecture (with Wanlin Li, Daniel Litt and Nick Salter), *Mathematische Annalen*. Jul 2022., arxiv:2010.07331, doi:10.1007/s00208-022-02421-9.
- 13 An arithmetic count of the lines meeting four lines in  $\mathbb{P}^3$  (with Kirsten Wickelgren), *Transactions of the AMS*, 2021., arxiv:1810.03503, doi:10.1090/tran/8307.
- 14 A virtually ample field that is not ample, *Israel Journal of Mathematics*. Oct 2019. 1-8., arxiv.org:1810.05184, doi:10.1007/s11856-019-1934-y.
- 15 Zeta functions of a class of Artin-Schreier curves with many automorphisms (with Irene Bouw, Wei Ho, Beth Malmskog, Renate Scheidler and Christelle Vincent), *Association for Women in Mathematics Series*, 3. 2016. 87-124., arxiv:1410.7031, doi.org/10.1007/978-3-319-30976-7\_4.

## Work in preparation

- 1 Conductor-discriminant inequality for tamely ramified cyclic covers (joint with Andrew Obus and Connor Stewart), *In preparation*.
- 2 p-adic adelic metrics and Quadratic Chabauty II (joint with Amnon Besser and J.Steffen Mueller), *In preparation*.

## Other writing

- 1 Practical Suggestions for Mathematical Writing. (With Renee Bell, Borys Kadets, Nicholas Triantafillou, and Isabel Vogt.) *Notices of the AMS*, Volume 68, Number 6, 930-934., Available here.
- 2 Thinking Positive: Arithmetic Geometry in Characteristic p. (With Renee Bell, Julia Hartmann, Valentijn Karemaker, and Isabel Vogt.) *Notices of the AMS*, Volume 66, Number 2, 239-241., Available here.
- 3 Conductors and minimal discriminants of hyperelliptic curves: a comparison in the tame case, arxiv:1910.08228.
- 4 Explicit computation of Tamagawa numbers and sizes of component groups of Neron models of Jacobians using Matrix-Tree theorems, Thesis, Chapter 4.
- 5 Conductors and discriminants of hyperelliptic curves with rational Weierstrass points, arxiv:1508.05172.

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## Mentoring, leadership, and invited lecture series

- Spring 2026 Reading course on Elliptic curves and Algebraic Number Theory: Kayla Chandler, Ophelia You, Joel Chew Yin Xian.
- Fall 2025 PhD student Matthew Broe  
onwards
- Fall 2024 PhD student Liqiang Huang
- 2024–Spring 2025
- Spring 2024 Postdoc Aashraya Jha
- Fall 2023–Fall 2025 Postdoc Jerson Caro
- June 2024 IAS Workshop **Women in algebraic geometry** *Topic: Experiments with Ceresa cycles of low genus curves*
- August 2023 Guest lecturer, PROMYS Boston
- June 2023 Guest lecturer, PROMYS India
- October 2022 Lecturer for virtual course on Heights in Diophantine Geometry. Enrolment: 97 undergraduate and graduate students worldwide. **Preliminary Arizona Winter School**
- Spring 2022 Honors thesis projects in Linear Algebra of Hays Burns and Sachin Rajeev at the University of Georgia
- June 2020 ICERM Workshop **Arithmetic Geometry, Number Theory, and Computation** (Co-led with Isabel Vogt) *Topic: Galois representations of abelian surfaces*

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## Conference organization

- Fall 2026 Pathways Workshop: Representation Theory Under the Influence of Quantum Field Theory & Motivic Homotopy Theory (Co-organizing with Ana Balibanu, Asilata Bapat, Teena Gerhardt, Iva Halacheva and Kirsten Wickelgren)
- Fall 2024 onwards Preliminary Arizona Winter School (Co-organizing with Renee Bell and Brandon Levin.)

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## Past conferences that I have helped organize

- May 2024 ICERM Workshop **The Ceresa cycle in arithmetic and geometry** (Co-organized with Daniel Corey, Jordan Ellenberg, Wanlin Li, Daniel Litt, and Congling Qiu.)
- Sep 2023 AWM Research Symposium, Special session on **Recent advances in curves and abelian varieties**, Atlanta (Co-organized with Renee Bell and Isabel Vogt.)
- May 2022 **ADDING: Anabelian Days Down IN Georgia** (Co-organized with Borys Kadets, Daniel Litt, and Nicholas Triantafillou.)
- Mar 2022 AMS Special Session on **Curves, Jacobians, and Abelian Varieties** at the AMS Spring Southeastern Sectional Meeting (Co-organizing with Andrew Obus and Tony Shaska) (Cancelled due to COVID)
- Sep and Dec 2020 **PAJAMAS: Palmetto Joint Arithmetic, Modularity, and Analysis Series** (Co-organized with Jenny Fuselier, Arindam Roy, Frank Thorne and David Zureick-Brown.)
- June 2019 AMS Mathematical Research Communities, **Explicit methods in arithmetic geometry in characteristic  $p$**  (Co-organized with Renee Bell, Julia Hartmann, Valentijn Karemarker and Isabel Vogt)
- Mar 2019 **GATTACA: GeorgiA Tech Tropical, Arithmetic and Combinatorial Algebraic geometry** (Co-organized with Matt Baker, Philipp Jell, and Yoav Len.)

## Upcoming talks and visits

- Mar 2026 AMS Spring Sectional Meeting, Boston College, Special session on Arithmetic Dynamics
- June 2026 Workshop on Algebraic Geometry and Machine learning, ICARM
- June 2026 ChaBONNty, Max Planck Institute of Mathematics, Bonn
- Nov 2026 Pan Asia Number Theory Conference, National University of Singapore

## Visiting Positions

- July 2022 **Research Program**, Park City Mathematics Institute: *Number Theory Informed by Computation*, Park City, UT
- May 2022 **Collaborate@ICERM**, Institute of Computational and Experimental Research in Mathematics, Providence, RI
- July 2019 **Research in pairs**, Mathematisches Forschungsinstitut Oberwolfach (MFO, Oberwolfach Research Institute for Mathematics), Oberwolfach, Germany

## Honours

- CMI Medal of Excellence**, MSc in Mathematics, top of class
- CMI Medal of Excellence**, BSc (Honours) in Physics, top of class

## Research talks and presentations

- Mar 2026 Harvard Number theory seminar
- Jan 2026 Brown Algebraic Geometry seminar
- Dec 2025 Harvard CMSA Algebraic Geometry seminar (rescheduled)
- Oct 2025 Dartmouth Algebra and Number theory seminar
- July 2025 Invited speaker in Summer Institute in Algebraic Geometry Week 3 session on p-adic geometry, p-adic Hodge theory and Shimura Varieties
- May 2025 AWM Symposium, University of Wisconsin-Madison, Curves and abelian varieties in characteristic  $p$
- Apr 2025 Local arithmetic of curves, Bristol
- Mar 2025 Texas Algebraic Geometry Symposium
- Feb 2025 Pittsburg Number theory day
- Jan 2025 Boston College Number theory seminar
- Nov 2024 Arithmetic, Geometry, Space and Time, ICMS, Edinburgh
- Jun 2024 CTNT: Connecticut workshop in number theory
- Jun 2024 Brin MRC Workshop: Vistas in number theory
- Apr 2024 MIT Number theory seminar
- Mar 2024 Princeton-IAS Arithmetic Geometry seminar
- Dec 2023 Boston University, Algebra seminar
- Oct 2023 Harvard University, Number theory seminar
- Oct 2023 Five college number theory seminar, Amherst college
- Sep 2023 Duke university algebraic geometry seminar
- Sep 2023 Rational points on modular curves (virtual). Bangalore, India
- Aug 2023 Colorado State University, number theory seminar
- Aug 2023 BIRS: Curves algebraic, tropical and logarithmic, Banff
- July 2023 University of Groningen, number theory seminar

Jun 2023 Arithmetic, Geometry, Cryptography and coding Theory (AGCT), Plenary talk, CIRM-Marseille  
 Apr 2023 Quebec-Vermont number theory seminar  
 Apr 2023 Harvard University, Algebraic Geometry seminar  
 Apr 2023 University of Pennsylvania, Algebra seminar  
 Apr 2023 Fields Institute, Number Theory seminar  
 Feb 2023 Cambridge University, Colloquium  
 Jan 2023 Boston University, Colloquium  
 Jan 2023 Joint Mathematics Meetings, AMS Special Session on Arithmetic Geometry Informed by Computation, Wednesday, January 4, 5:00 P.M.  
 Jan 2023 Joint Mathematics Meetings, AMS Special Session on Complex and arithmetic dynamical systems, Thursday, January 5, 2:00 P.M.  
 Jan 2023 Joint Mathematics Meetings, AMS Special Session on Arithmetic Statistics, Friday, January 6, 11:30 A.M.  
 Jan 2023 Joint Mathematics Meetings, AMS Special Session on Excursions in Arithmetic Geometry, Saturday, January 7, 2:30 P.M.  
 Oct 2022 Boston University, Algebra seminar  
 Oct 2022 Brown University, Algebra seminar  
 Oct 2022 Topology and Arithmetic over Global Fields, Madison  
 Oct 2022 Oregon State University, Number Theory seminar  
 Sep 2022 BATMOBILE: Biannual Algebraic and Tropical Meetings at Brown and Institutions Located in its Environs, Amherst  
 Jul 2022 Park City Mathematics Institute, Number Theory Informed by Computation, Research seminar  
 Mar 2022 Joint Mathematics Meetings, AWM Workshop: Women in Algebraic Geometry (WiAG), I  
 Jan 2022 Purdue University, Colloquium  
 Jan 2022 University of Notre Dame, Colloquium  
 Dec 2021 University of Wisconsin, Madison, Colloquium  
 Dec 2021 University of Oklahoma, Colloquium  
 Dec 2021 Simon Fraser University, Vancouver, Number Theory and Algebraic Geometry seminar  
 Nov 2021 Emory University, Algebra and Number Theory seminar  
 Oct 2021 Ohio State University, Columbus, Arithmetic Geometry seminar  
 May 2021 Rational Points and Galois Representations, University of Pittsburg  
 May 2021 University of Wisconsin, Madison, Number Theory seminar  
 Jan 2021 Joint Mathematics Meetings, AMS Special Session on Branching Out: Ramification Invariants in Algebra and Geometry  
 Jan 2021 Joint Mathematics Meetings, AMS Special Session on Algebraic and Arithmetic Geometry  
 Dec 2020 Jerusalem - Be'er Sheva Algebraic Geometry Seminar  
 Dec 2020 VANTAGE, Virtual seminar on open conjectures in Number Theory and Arithmetic Geometry  
 June 2020 Chennai Mathematical Institute, CMI Online Seminar Series  
 Mar 2020 AGONIZE, Arithmetic Geometry is ONLINE In Zoom, Everyone

Feb 2020 Duke university, Algebraic Geometry seminar

Feb 2020 University of Pittsburg, Algebra seminar

Jan 2020 Joint Mathematics Meetings, AMS Special Session on Rational Points on Algebraic Varieties: Theory and Computation

Nov 2019 Front Range Number Theory Day, Colorado State University

Nov 2019 MAAIM–Modular forms, Arithmetic, and Women, Emory university

Sep 2019 MANTIS: Michigan Algebra and Number Theory Intercity Symposium, University of Michigan

Sep 2019 AMS Fall Central Sectional Meeting, University of Wisconsin-Madison, Special Session on Geometry and Topology in Arithmetic

Aug 2019 University of Georgia, Oberseminar

July 2019 University of Groningen, Number theory seminar

June 2019 Arithmetic of Low-Dimensional Abelian Varieties, ICERM, Lightning talk

Apr 2019 AMS Spring Eastern Sectional Meeting, University of Connecticut Hartford, Special Session on Mathematical Cryptology, University of Connecticut Hartford

Mar 2019 AMS Spring Central and Western Joint Sectional Meeting, University of Hawai'i at Mānoa, Special Session on Algebraic Points

Feb 2019 Braids, Resolvent Degree and Hilbert's 13th Problem, IPAM, Lightning talk

Feb 2019 Stanford university, Algebraic geometry Seminar

Jan 19 Joint Mathematics Meetings, AMS Special Session on Number Theory, Arithmetic Geometry, and Computation

Dec 2018 Brown university, Algebra seminar

Nov 2018 University of Washington (Seattle), Number theory seminar

Nov 2018 University of Pennsylvania, Galois seminar

Oct 2018 Northwestern university, Number theory seminar

Mar 2018 AMS Central Sectional Meeting, Columbus, Ohio, Special Session on Algebraic and Combinatorial Aspects of Tropical Geometry

Feb 2018 Georgia Algebraic Geometry Symposium, Georgia Institute of Technology

Sep 2017 AMS Central Sectional Meeting, Denton, Texas, Special Session on Numbers, Functions, Transcendence, and Geometry

Jan 2017 Joint Mathematics Meetings, AMS Special Session on Minimal integral models of algebraic curves

Dec 2016 Georgia Institute of Technology, Algebra seminar

Nov 2016 Junior number theory days, Rutgers, Newark

Nov 2016 Emory university, Algebra seminar

Oct 2016 University of South Carolina, Algebraic geometry, arithmetic geometry and commutative algebra seminar

Sep 2016 TAAAG: Topological approaches to algebra and arithmetic geometry

Apr 2016 3rd Annual Graduate Student Math Conference in Algebra/Number Theory, Brown University

Feb 2016 Ohio State University, Number theory seminar

Feb 2016 University of Wisconsin, Madison, Number theory seminar

Jan 2016 Joint Mathematics Meetings, AMS Special Session on Higher Genus Curves and Fibrations of Higher Genus Curves in Mathematical Physics and Arithmetic Geometry

- Oct 2015 Rice University, Algebraic geometry and number theory seminar
- Oct 2015 University of Georgia, Number theory and arithmetic geometry seminar
- Oct 2015 Young women in Algebraic Geometry, Universität Bonn, Bonn
- Sep 2015 University of Maine, Mathematics Colloquium and the Number theory seminar
- July 2015 Contributed talks, Week 3, 2015 Algebraic Geometry Summer Institute, Utah
- June 2015 Mathematics Colloquium, The Institute of Mathematical Sciences, Chennai

## Expository lectures

- Mar 2021 *Hodge-Tate theory*, Learning seminar on Abelian  $\ell$ -adic Representations and Elliptic Curves (SeZoom), University of Georgia learning seminar
- Sep 2020 *Simplest unlikely intersections in abelian varieties: the Manin-Mumford conjecture*, Zannier on Zoom (ZaZoom), University of Georgia learning seminar
- Oct 2017 *An introduction to dynamical analogues of Mazur's theorem and uniform boundedness conjecture for abelian varieties*, Random Algebra and Number Theory, Emory graduate student seminar
- Aug 2016 *Formal moduli for one-parameter formal Lie groups*, West Coast Algebraic Topology Summer School (WCATSS)
- May 2016 *A  $p$ -adic proof of the transcendence of  $\pi$* , Pure Mathematics Graduate Student Seminar (PuMaGraSS)
- Nov 2015 *Compactifications of the moduli space of abelian varieties*, Seminar on Topics in Arithmetic, Geometry, Etc.(STAGE)
- May 2015 *The Chabauty-Coleman method*, Seminar on Topics in Arithmetic, Geometry, Etc.(STAGE)
- Feb 2015 *Good reduction of abelian varieties*, Seminar on Topics in Arithmetic, Geometry, Etc.(STAGE)
- Dec 2014 *Mixed Tate motives over  $\mathbb{Z}$  and multi-zeta values*, Seminar on Topics in Arithmetic, Geometry, Etc.(STAGE)
- Sep 2014 *Tannakian Categories*, Seminar on Topics in Arithmetic, Geometry, Etc.(STAGE)
- Mar 2014 *The weight monodromy conjecture*, Seminar on Topics in Arithmetic, Geometry, Etc.(STAGE)
- Apr 2013 *Fermat's last theorem for regular primes*, Pure Mathematics Graduate Student Seminar (PuMaGraSS)
- Feb 2013 *Hodge Theory*, Seminar on Topics in Arithmetic, Geometry, Etc.(STAGE)
- Nov 2012 *Hilbert's irreducibility theorem*, Seminar on Topics in Arithmetic, Geometry, Etc.(STAGE)
- Oct 2012 *Rational points on curves*, 18.725 Guest lecture
- Apr 2012 *The fundamental group of an algebraic curve and the outer Galois action*, Seminar on Topics in Arithmetic, Geometry, Etc.(STAGE)
- Mar 2012 *The inverse Galois problem for  $\mathbb{C}(t)$* , Pure Mathematics Graduate Student Seminar (PuMaGraSS)

## External Teaching Assistantship

- Mar 2018 **Arizona Winter School,  $\mathbb{A}^1$ -enumerative geometry course by Kirsten Wickelgren**  
Study group leader
- Feb 17-18, 2018 **Graduate Workshop in Algebraic Geometry for Women and Mathematicians of Minority Genders, Harvard and MIT**  
Teaching assistant

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## Teaching

- Spring 2026 **MA 746: Topics in the arithmetic and geometry of curves**  
Instructor
- Fall 2026 **MA 124: Calculus 2**  
Instructor
- Spring 2025 **MA 442: Honors linear algebra**  
Instructor
- Fall 2024 **MA 123: Calculus 1**  
Instructor
- Spring 2024 **MA 341: Undergraduate Number theory and Cryptography**  
Instructor
- Fall 2023 **MA 743: Algebraic Number theory**  
Instructor
- Spring 2022 **Math 3300: Linear algebra and its applications**  
Instructor
- Fall 2021 **Math 1113: Precalculus**  
Instructor
- Spring 2021 **Math 2260: Calculus II for science and engineering**  
Instructor
- Fall 2020 **Math 1113: Precalculus**  
Instructor
- Spring 2020 **Math 3300: Linear algebra and its applications**  
Instructor
- Fall 2019 **Math 2250: Calculus for science and engineering**  
Instructor
- Spring 2019 **Math 6122: Graduate algebra 2, Galois theory and algebraic number theory**  
Instructor
- Fall 2018 **Math 1553: Introduction to linear algebra**  
Instructor
- Spring 2018 **Math 4150: Elementary number theory and applications**  
Instructor
- Fall 2017 **Math 1553: Introduction to linear algebra**  
Instructor
- Spring 2017 **Math 6122: Graduate algebra 2: Introduction to algebraic number theory**  
Instructor
- Fall 2016 **Math 1553: Introduction to linear algebra**  
Instructor
- Fall 2014 **18.821: Project Laboratory in Mathematics**  
Graduate student instructor

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## Grading assignments and Directed Reading Program supervision

- Spring 2016 **18.726: Algebraic geometry II**  
Grader
- Spring 2015 **18.786: Number theory II**  
Grader

- Jan 2015 **Directed Reading Program**  
Mentor. Text: A course in arithmetic, by Jean-Pierre Serre
- Spring 2014 **18.781: Introduction to the theory of numbers**  
Teaching assistant
- Spring 2014 **18.726: Algebraic Geometry II**  
Grader
- Spring 2013 **18.726: Algebraic Geometry II**  
Grader
- Jan 2013 **Directed Reading Program**  
Mentor. Text: The arithmetic of elliptic curves, by Joseph Silverman
- Fall 2012 **18.725: Algebraic Geometry I**  
Grader
- Jan 2012 **Directed Reading Program**  
Mentor. Text: Riemann surfaces, by Otto Forster

## Service

- Spring 2026 BU Number theory postdoc search committee *Committee member*
- Spring 2025-current BU Number theory PhD admissions committee *Committee member*
- Spring 2025 PhD thesis committee member for Norwegian University of Science and Technology graduate student, Therese Strand *Committee member*
- Spring 2024-current On Scientific Advisory board for the Arizona Winter School
- Spring 2024 NSF Grant Proposal Review, *Panelist*
- Spring 2024 Algorithmic Number Theory Symposium XVI, *Program Committee Member*
- Fall 2024-current BU Number theory learning seminar *Coorganizer*
- Spring 2024-current BU Number theory seminar *Coorganizer*
- Spring 2024 PhD thesis committee member for Boston University graduate student, Aashraya Jha *Panelist*
- Spring 2024 PhD thesis committee member for Georgia Tech graduate student, Santana Afton *Panelist*
- Fall 2023-current Number theory group lunch, *Organizer*
- Fall 2022 Preliminary Exam Committee member for UGA graduate student, Shuofeng (Simon) Xu *Panelist*
- February 2022 NSF Grant Proposal Review, *Panelist*
- Fall 2021 Preliminary Exam Committee member for Georgia Tech graduate student, Santana Afton *Panelist*
- Fall 2019 Math 2250 calculus, *Rubric team*
- Fall 2018 Georgia Tech Algebra seminar, *Co-organizer*
- Fall 2018 Georgia Tech Algebra qualifying exam, *Cowriter*
- Feb 2018 Panel discussion at the Graduate Workshop in Algebraic Geometry for Women and Mathematicians of Minority Genders, Harvard and MIT, *Panelist*

- Fall 2017 Georgia Tech Algebra qualifying exam, *Cowriter*  
May 2016 Panel discussion for graduate students on Life after quals: learning to do research,  
*Organizer & moderator*  
Spring 2015 STAGE: Seminar on Topics in Arithmetic, Geometry, Etc., *Co-organizer*  
2014–2015 MIT Friends of the Arts, *Co-organizer*  
Spring 2013, MIT mathematics department Transfer Credit Examiner  
Fall 2013  
2012–2013 PuMaGraSS: Pure Mathematics Graduate Student Seminar, *Co-organizer*

## ■ Miscellaneous

Programming Python and Sage  
Languages Fluent in English, Tamil, Hindi