# TEXAS STATE VITA

## I. Academic/Professional Background

A. Name and Title

Name: Dr. Piyush R. Shroff Title: Professor of Instruction

B. Educational Background

| *Degree* | *Year* | *University* | *Major* | *Thesis/Dissertation* |
|---|---|---|---|---|
| PHD | 2012 | Texas A&M University | Mathematics | Finite Generation of Cohomology of Quotients of PBW Algebras |
| MSC | 2007 | University of Pune | Mathematics | |
| BSC | 2005 | University of Pune | Mathematics | |

C. University Experience

| *Position* | *University* | *Comments* | *Dates* |
|---|---|---|---|
| Professor of Instruction | Texas State University | | September 2024 - Present |
| Senior Lecturer | Texas State University | | September 2016 - August 2024 |
| Lecturer | Texas State University | | September 2012 - August 2016 |
| Graduate Assistant | Texas A&M University | | September 2007 - August 2012 |

## II. TEACHING

A. Teaching Honors and Awards:

Award / Honor Recipient: “Favorite Professor” of Texas State, Alpha Chi Chapter of the Honors College.

2025

2019

2016

Award / Honor Recipient: Teaching Excellence Award, Department of Mathematics, Texas State University.

December 12, 2025

December 3, 2021

Award / Honor Nominee: Department's Nominee for Presidential Award for Excellence in Teaching.
2022

2018

Award / Honor Recipient: 2022 College Achievement for Excellence in Teaching, College of Science and Engineering, Texas State University.
August 19, 2022

Award / Honor Recipient: Teaching Award of Honor, Texas State Alumni Association.
March 2020 - May 2020

Award / Honor Recipient: One time Honoree, Graduating Student Recognition of Campus Support program.
2019

Award / Honor Recipient: One time Honoree, Student Veteran Appreciation of Campus Support program, Texas State University.
2014 - 2015

Award / Honor Recipient: Two time Honoree, New Student Appreciation of Campus Support program, Texas State University.
2012 - 2013

B. Courses Taught:

Texas State University:

MATH 1315 - COLL ALGEBRA

MATH 1315 - COLLEGE ALGEBRA

MATH 1317 - PL TRIGONOMETRY

MATH 1319 - MATH BUS & ECO I

MATH 1329 - MATH BUS & ECO II

MATH 2321 - CALC LIFE SCI I

MATH 2328 - ELEMENTARY STATS

MATH 2331 - CALC LIFE SCI II

MATH 2358 - DISCRETE MATH I

MATH 2393 - CALCULUS III

MATH 2417 - PRE-CALCULUS MATH

MATH 2471 - CALCULUS I

MATH 2472 - CALCULUS II

MATH 2473 - INT CAL W/ MULTIVAR AND SERIES

MATH 3323 - DIFFEREN EQUAT

MATH 3323 - DIFFERENTIAL EQUATIONS

MATH 3330 - INTRO ADV MATHEMAT

MATH 3373 - CALCULUS III

MATH 3377 - LINEAR ALGEBRA

MATH 3398 - DISCRETE MATH II

MATH 3398 - DISCRETE MATHEMATICS II

MATH 4307 - MODERN ALGEBRA

US 1100 - UNIVERSITY SEMINAR

Texas A&M University:

Calculus I

Calculus II

Mathematical Concepts – Calculus

C. Directed Student Learning (i.e. theses, dissertations, exit committees, etc.):

Member, Master's Thesis, Status: Completed. (August 29, 2016 - May 2018).
Student(s): Joshua Rice, Graduate.

E. Teaching Grants and Contracts

3. Funded Internal Teaching Grants and Contracts:

Shroff, Piyush Ravindra (Co-Principal), Lowe, Shane (Co-Principal). Affordable Learning Materials Grant, Office of Distance and Extended Learning, Texas State University, $4,000.00. (Funded: June 2022 - December 2022). Grant.

G. Teaching Professional Development Activities Attended

Workshop, "Structuring Equitable Participation in Undergraduate Proof (STEP UP)," Texas State University, San Marcos, TX, United States. (August 12, 2024 - August 14, 2024).

Workshop, "2022 STEM Communities Summer Institute," Texas State University, SAN MARCOS, TX, United States. (May 18, 2022 - May 27, 2022).

Workshop, "2021 STEM Communities Summer Institute," Texas State University, San Marcos, TX, United States. (May 19, 2021 - May 28, 2021).

Online Teaching Certification, Texas State University, San Marcos, TX. (June 2020).

Workshop, "Summer 2020 STEM Teaching Workshop," Texas State University, San Marcos, TX. (May 18, 2020 - May 22, 2020).

## III. SCHOLARLY/CREATIVE

A. Works in Print (including works accepted, forthcoming, in press):

2. Articles:

a. Refereed Journal Articles:

Rusnak, L. J., Shroff, P. R., Couvillion, E. B., & Schmidt, M. (2019). Oriented Hypergraphic Matrix-tree Type Theorems and Bidirected Minors via Boolean Order Ideals. *Journal of Algebraic Combinatorics*, *49*(4), 461–473. https://doi.org/https://doi.org/10.1007/s10801-018-0831-5 https://link.springer.com/article/10.1007%2Fs10801-018-0831-5 Rusnak_2019JACO_OHSachs-1.pdf

Shroff, P. R., & Witherspoon, S. (2016). PBW deformations of quantum symmetric algebra and their group extensions. *J. Algebra and Its Applications*, *15*. Published.

Shroff, P. R. (2015). Quantum Drinfeld orbifold algebras. *Communications in Algebra*, *43*, 1563–1570.

Shroff, P. R. (2013). Finite Generation of the cohomology of quotients of PBW algebras. *J. Algebra*, *390*, 44–55.

Shroff, P. R., Naidu, D., & Witherspoon, S. (2011). Hochschild cohomology of group extensions of quantum symmetric algebras. *Proc. Amer. Math. Soc.*, *139*, 1553–1567.

B. Works Not in Print:

1. Papers Presented at Professional Meetings:

Shroff, P. R., "Finite generation of the cohomology of quotients of PBW algebras, Cohomology and Support in Representation Theory and Related Topics," University of Washington, Seattle, WA. (August 1, 2012).

Shroff, P. R., AMS Contributed Paper Session on Associative and Nonassociative Algebras and Rings: Homological Algebras and Category Theory, Joint Mathematics Meeting, "Finite generation of cohomology of quotients of a PBW algebra," Boston, MA. (January 7, 2012).

Shroff, P. R., "Finite generation of cohomology of quotients of a PBW algebra in Project Next/Young Mathematician's Network Poster Session," Boston, MA. (January 4, 2012).

Shroff, P. R., AMS Central Section Meeting, "Finite generation of cohomology of quotients of PBW algebras," University of Nebraska, Lincoln, NE. (October 2011).
Additional Comments: October 14-16

Shroff, P. R., UNT and TAMU Workshop on Algebras, "Cohomology of quotients of quantum symmetric algebras," University of North Texas, Denton, TX. (April 23, 2011).

Shroff, P. R., Southwest Local Algebra Meeting, "Cohomology of quotients of quantum symmetric algebras," New Mexico State University, Las Cruces, NM. (March 2011).
Additional Comments: March 5-6

Shroff, P. R., "Introduction to PBW algebra, Workshop on Deformations," Texas A&M University, College Station, TX. (October 23, 2010).

Shroff, P. R., Southwest Local Algebra Meeting, "Hochschild cohomology of group extensions of quantum symmetric algebras," University of Texas, Arlington, TX. (March 2010).
Additional Comments: March 6-7

2. Invited Talks, Lectures, and Presentations:

Shroff, P. R., Pi Mu Epsilon Induction Ceremony, "Vedic Mathematics," Department of Mathematics, Texas State University, San Marcos, TX, United States. (April 29, 2025).

Shroff, P. R., Texas State Innovation Series, "AI in Education," Texas State University, San Marcos, TX. (October 8, 2024).

Shroff, P. R., "Mapping non-cyclic groups to groups: order preserving bijections," MES Abasaheb Garware College, Pune, India. (January 5, 2024).

Shroff, P. R., 2021 Fall Southeastern Virtual Sectional Meeting, "Order dividing bijective function from non-cyclic to cyclic groups of the same finite order." (November 21, 2021).

Shroff, P. R., "Hochschild Cohomology," MIT-World Peace University, Pune, India. (February 1, 2021).

Shroff, P. R., "Order dividing bijective function from non-cyclic to cyclic groups of the same finite order," MIT-World Peace University, Pune, India. (December 22, 2020).

Shroff, P. R., "Math Tricks," Math Club, Texas State University, San Marcos, TX. (November 4, 2020).

Shroff, P. R., "Hyperbolic Functions," MES Abasaheb Garware College, Pune, India. (October 13, 2020).

Shroff, P. R., "Introduction to Vedic Mathematics," Math Club, Texas State University, San Marcos, TX. (March 21, 2018).

Shroff, P. R., Southern Regional Algebra Conference, "Relationship between color Lie algebras and quantum Drinfeld orbifold algebras," University of South Alabama, Mobile, AL. (March 17, 2017).

Shroff, P. R., "Introduction to Game Theory," Math Club, Texas State University, San Marcos, TX. (November 11, 2015).

Shroff, P. R., Discrete Math Seminar, "Relationship between color Lie algebras and quantum Drinfeld orbifold algebras," Texas State University, San Marcos, TX. (September 25, 2015).

Shroff, P. R., The Southwestern Group Theory Day, "PBW deformations of skew polynomial rings and their group extensions," University of Arizona, Tuscon, AZ. (March 21, 2015).

Shroff, P. R., "Linear Systems and its Applications," Math Club, Texas State University, San Marcos, TX. (November 5, 2014).

Shroff, P. R., AMS Spring Central Section Meeting (Special Session on Non commutative Algebra, Deformations, and Hochschild Cohomology), "Quantum Drinfeld orbifold algebras," Texas Tech University, Lubbock, TX. (April 2014).
Additional Comments: April 11-13

Shroff, P. R., Algebra and Combinatorics Seminar, "Quantum Drinfeld orbifold algebras," Texas A&M University, College Station, TX. (March 21, 2014).

Shroff, P. R., Discrete Math Seminar, "Introduction to Homological Algebra," Texas State University, San Marcos, TX. (November 2, 2012).

Shroff, P. R., Commutative Algebra Seminar, "Finite Generation of Cohomology," University of Nebraska, Lincoln, NE. (November 16, 2011).

Shroff, P. R., Algebra and Combinatorics Seminar, "Finite Generation of Cohomology," Texas A&M University, College Station, TX. (October 28, 2011).

Shroff, P. R., Graduate Student Organization Seminar, "Chain Conditions," Texas A&M University, College Station, TX. (September 15, 2011).

Shroff, P. R., "Koszul Algebra," University of Pune, Maharashtra, India. (January 10, 2011).
Additional Comments: Guest Lecture

Shroff, P. R., Graduate Student Organization Seminar, "Localization," Texas A&M University, College Station, TX. (April 15, 2010).

Shroff, P. R., "Hochschild cohomology of group extensions of quantum symmetric algebras," University of Pune, Maharashtra, India. (January 11, 2010).
Additional Comments: Guest Lecture

Shroff, P. R., "Introduction to cohomology," University of Pune, Maharashtra, India. (January 2009).
Additional Comments: Guest Lecture

5. Other Works not in Print:

a. Works "submitted" or "under review":

Journal Articles:

Vaughan, A., Tomasso, M., Johnson, S., Ye, P., Dai, W., Guo, A., … Rusnak, L. J. (Submitted / Under Review). Modeling the spatial and temporal trends of COVID-19: A balanced network analysis approach. *Annals of Epidemiology*. (November 2025)
JURH-D-22-00420-1.pdf

b. Works "in progress":

Journal Articles:

Shroff, P. R., Allen, A., Chen, A., & Ding, J. (In Preparation; Not Yet Submitted). Order dividing bijective function from non-cyclic to cylic groups of same finite order.

Additional Comments: This paper is the part of the project submitted for 2016 Siemens Competition and was partially funded by Texas State Mathworks.

c. Other Works Not in Print:

Posters:

Rusnak, L., Tomasso, M., Shroff, P. R., Health Scholar Showcase, "Modeling a "Total Lockdown" Scenario for Covid-19 in the United States via Balanced States," Transitional Health Research Center, Texas State University, San Marcos, TX, United States. (April 8, 2022).

Shroff, P. R., Graduate Mathematics Open House, "Applications of Matrices," Department of Mathematics, Texas State University, San Marcos, TX, United States. (November 8, 2013).

C. Scholarly / Creative Grants and Contracts:

2. Submitted, but not Funded, External Grants and Contracts:

Morey, Susan (Supporting), Rusnak, Lucas J (Principal), Shroff, Piyush Ravindra (Co-Principal), Ferrero, Daniela Maria (Co-Principal), Shen, Jian (Co-Principal), Warshauer, Max L (Co-Principal). RTG Algebra and Combinatorics, NSF, Federal, $2,105,222.00. (Submitted: June 2016). Grant.

Rusnak, Lucas J (Principal), Shroff, Piyush Ravindra (Co-Principal), Morey, Susan (Co-Principal), Shen, Jian (Co-Principal), Ferrero, Daniela Maria (Co-Principal), Warshauer, Max L (Supporting). NSF RTG, NSF, $2,185,714.00. (Submitted: 2015). Grant.

3. Funded Internal Grants and Contracts:

Carter, Kamarie B, Adi, Mohamad Nadim, Perkins, Alexandra Gonzenbach, Royal, Cindy L, Evans, Mark William, Burke, Patricia Jean, Shroff, Piyush Ravindra, Hustvedt, Gwendolyn, Rathore, Heena, Blasingame, Dale C, King, Jennifer Anne, Van Loan, Zengara A, Moon, KeriAnne Mauch, Forsythe, Michelle Elizabeth, Taylor, Adrienne, Mondal, Sejuti. CAP: Expanding AI Curriculum and Infrastructure at Texas State University to Advance Interdisciplinary Research and Grow a Diverse AI Workforce, NSF, Federal, $1,500.00. (Funded: December 2025 - Present). Grant.

4. Submitted, but not Funded, Internal Grants and Contracts:

Rusnak, Lucas J (Principal), Shroff, Piyush Ravindra (Co-Principal), Shen, Jian (Co-Principal), Ferrero, Daniela Maria (Co-Principal), Morey, Susan

(Supporting), Warshauer, Max L (Supporting). NSF RTG, NSF, $2,170,598.00. (Submitted: 2016). Grant.

D. Scholarly / Creative Fellowships, Awards, Honors:

Award / Honor Recipient: Damodar Ganesh Ramdasi Gold Medal for Highest number of Marks and stood first at Master of Science (M.Sc.) Mathematics exam, University of Pune, India.
2007
Additional Comments: April/May

Award / Honor Recipient: Late Principal Wrangler Gopalkrishna Laxman Chandratraya Gold Medal for Highest number of Marks and stood first at Master of Science (M.Sc.) Mathematics exam, University of Pune, India.
2007
Additional Comments: April/May

Fellowship Recipient: Regents Fellowship, Texas A&M University.
2007
Additional Comments: Fall 2007

E. Scholarly / Creative Professional Development Activities Attended:

Conference Attendance, "AI in Teaching and Learning Symposium," Texas State University, San Marcos, United States. (March 27, 2025).

Conference Attendance, "Graduate Student Research Conference," The Graduate College, Texas State University, San Marcos, TX, United States. (April 2, 2024).

Conference Attendance, "103rd Texas Section of the Mathematical Association of America (MAA)," San Marcos, TX, United States. (March 22, 2024 - March 23, 2024).

Conference Attendance, "Southwest Local Algebra Meeting," University of Oklahoma, Norman, OK, United States. (February 24, 2024 - February 25, 2024).

Conference Attendance, "Combina Texas," Texas A&M University, College Station, TX, United States. (April 22, 2023 - April 23, 2023).

Conference Attendance, "Combina Texas," Texas A&M University, College Station, TX, United States. (March 4, 2022 - March 5, 2022).

Conference Attendance, "Southwest Local Algebra Meeting," Baylor University, Waco, TX, United States. (February 26, 2022 - February 27, 2022).

Conference Attendance, "2021 Fall Southeastern Virtual Sectional Meeting." (November 20, 2021 - November 21, 2021).

Conference Attendance, "Women in Science and Engineering (WISE)," Texas State University, San Marcos, TX. (March 6, 2020).

Conference Attendance, "Combina Texas," Texas A&M University, College Station, TX. (March 23, 2019 - March 24, 2019).

Conference Attendance, "Women in Science and Engineering (WISE)," Texas State University, San Marcos, TX. (March 8, 2019).

Conference Attendance, "AMS Fall Central Sectional Meeting," University of North Texas, Denton, TX. (September 9, 2017 - September 10, 2017).

Conference Attendance, "Southern Regional Algebra Conference," University of South Alabama, Mobile, AL. (March 17, 2017 - March 19, 2017).

Conference Attendance, "Combina Texas," Texas A&M University, College Station, TX. (May 7, 2016 - May 8, 2016).

Conference Attendance, "Southwest Local Algebra Meeting," Texas State University, San Marcos, TX. (February 27, 2016 - February 28, 2016).

Conference Attendance, "Southwestern Group Theory Day," University of Arizona, Tucson, AZ. (March 21, 2015).

Conference Attendance, "AMS Spring Central Sectional Meeting," Texas Tech University, Lubbock, TX. (April 11, 2014 - April 13, 2014).

Conference Attendance, "Southwest Local Algebra Meeting," Texas A&M University, College Station, TX. (March 1, 2014 - March 2, 2014).

Conference Attendance, "Southwest Local Algebra Meeting," University of Arizona, Tucson, AZ. (March 2, 2013 - March 3, 2013).

Conference Attendance, "Further Connections Between Algebra and Geometry," North Dakota State University, Fargo, ND. (February 2, 2013 - February 3, 2013).

Workshop, "Cohomology and Support in Representation Theory and Related Topics," University of Washington, Seattle, WA. (July 27, 2012 - August 5, 2012).

Conference Attendance, "Young Researchers Meet," Stanford University, Stanford, CA. (May 26, 2012 - May 27, 2012).

Workshop, "Lie Theory Workshop Series-Hopf Algebras and Related Topics," University of Southern California, Los Angeles, CA. (May 5, 2012 - May 6, 2012).

Conference Attendance, "Southwest Local Algebra Meeting," Texas Tech University, Lubbock, TX. (March 3, 2012 - March 4, 2012).

Conference Attendance, "Joint Mathematics Meeting," American Mathematical Society (AMS), Boston, MA. (January 4, 2012 - January 7, 2012).

Conference Attendance, "AMS Fall Central Sectional Meeting," University of Nebraska, Lincoln, NE. (October 14, 2011 - October 16, 2011).

Conference Attendance, "NFS/CBMS Conference on Deformation Theory of Algebras and Modules," North Carolina State University, Rayleigh, NC. (May 16, 2011).

Conference Attendance, "Southwest Local Algebra Meeting," New Mexico State University, Las Cruces, NM. (March 5, 2011 - March 6, 2011).

Conference Attendance, "Southeastern Lie Theory Conference on Homological Methods in Representation Theory," University of Georgia, Athens, GA. (May 22, 2010 - May 24, 2010).

Workshop, "Lie and Representation Theory Summer School," University of Georgia, Athens, GA. (May 10, 2010 - May 21, 2010).

Conference Attendance, "Southwest Local Algebra Meeting," The University of Texas at Arlington, Arlington, TX. (March 6, 2010 - March 7, 2010).

Conference Attendance, "AMS Fall Central Sectional Meeting," Baylor University, Waco, TX. (October 16, 2009 - October 18, 2009).

Workshop, "National Workshop on Fourier Analysis on Finite Groups and its Applications," University of Pune, Pune, India. (March 5, 2007 - March 9, 2007).

Workshop, "Mathematics Training and Talent Search Program," National Board for Higher Mathematics, Mumbai, India. (May 15, 2006 - June 10, 2006).

Workshop, "Visiting Students Summer Program," Harish Chandra Research Institute, Allahabad, India. (June 7, 2005 - June 28, 2005).

## IV. SERVICE

A. Institutional

1. University:

Member, TX 1100 Task Force (Curriculum Development). (October 2025 - Present).

Member, Employee Emergency Loan Committee. (May 2025 - Present).

Member, BookSmart Review Committee. (September 2023 - Present).

Member, Faculty Classroom Technology Committee. (September 2023 - Present).

Member, Faculty Senate. (September 2024 - August 2025).

Member, AI Module Working Group. (January 2025 - July 2025).

Member, University Seminar (US 1100) Task Force. (January 2025 - July 2025).

Co-Organizer, AI Literacy Workshop. (April 8, 2025).

Member, Presidential Award for Excellence in Teaching Selection Committee. (February 2022 - August 2024).

Faculty Senate Fellow, Faculty Senate. (August 2023 - May 2024).

Member, Managing Textbook Costs Committee. (September 2019 - May 2023).

Math Department Senate Liasion. (September 2019 - May 2022).

Faculty Advisor, Badminton club. (2014 - 2015).

Additional Comments: Spring 2014 – Spring 2015

Volunteer, Family Weekend. (2014).
Additional Comments: Fall 2014

2. College:

Member, College of Science and Engineering (COSE) Undergraduate (UG) Scholarship Committee. (January 2024 - Present).

Member, College Graduate Student Recruiting Committee. (August 2025 - December 2025).

Math Representative, TXST Exploring Graduate School Fair. (October 13, 2025).

Team Leader, College Open Houses. (August 20, 2025).

Team Leader, Bobcat Admitted Student Experience (BASE) event. (April 12, 2025).

Department Representative, COSE Open House Event (Welcome event for new freshman). (July 2022 - August 2024).

Faculty Respondent, International Research Conference for Graduate Students. (April 5, 2022 - April 7, 2022).

Additional Comments: Organized by The Graduate College, Texas State University

Faculty Respondent, International Research Conference for Graduate Students. (April 6, 2021 - April 8, 2021).

Additional Comments: Organized by The Graduate College, Texas State University

Poster Judge, WISE Conference. (March 6, 2020).

Undergraduate Marshal for Spring 2019 commencement. (May 16, 2019).

Presenter, 2019 COSE Open House. (March 30, 2019).

Department Representative, Mathematics Visit Insight Day. (February 9, 2018).

Department Representative, Undergraduate STEM Open House. (April 14, 2017).

3. Department/School:

Faculty Advisor, Society for Industrial and Applied Mathematics (SIAM) Chapter at Texas State University. (September 2025 - Present).

Member, Curriculum Committee. (September 2025 - Present).

Organizer, First Friday. (September 2024 - Present).

Organizer, Mathematics Tea. (October 2022 - Present).

Additional Comments: Co-organized with Nestor Guillen and Ellen Couvillion

Chair, Math Graduate Programs Expo Committee. (April 2021 - Present).

Member, Pi Mu Epsilon Scholarship Committee. (2018 - Present).

Department Representative, Commencement. (2014 - Present).

Additional Comments: Spring Semester

Reader and Presenter, Math Department Awards Ceremony. (2014 - Present).

Faculty Co-Advisor, Society for Industrial and Applied Mathematics (SIAM) Chapter at Texas State University. (September 2023 - August 2025).

Organizer, Calculus Bee. (2014 - 2022).

Additional Comments: With Dr. Rusnak (2014 - 2017)

Representative, HSI Community Day. (September 15, 2022).

Faculty Advisor, Texas Rho Chapter of Pi Mu Epsilon. (September 2015 - August 2022).

Additional Comments: Fall 2015

Member, Math Graduate Programs Expo Committee. (September 2018 - March 2021).

Ex-Officio, Student Affairs Committee. (September 2019 - August 2020).

Member, Student Affairs Committee. (September 2017 - August 2019).

Help and prepare students, Putnam competition. (2015 - 2017).

Additional Comments: With Dr. Rusnak (2015-2017) and Dr. Chase 2017

Table Host, Graduate Math Open House. (2013 - 2017).

Reviewed applications as well as involved in appointing officer’s, Pi Mu Epsilon. (2015 - 2016).

Co-director, pilot of Undergraduate Teaching and Research Assistant (UTRA) Program with Dr. Rusnak. (2014 - 2015).

Presenter, Department Awards Ceremony. (2014 - 2015).

Volunteer, Bobcat days. (2014 - 2015).
Additional Comments: (Spring 2014, Fall 2014, Spring 2015, Fall 2015).

Poster Presenter, Graduate Math Open House Faculty Research. (2012 - 2013).

Co-organizer, Texas A&M University, Graduate Student Organization Seminar. (2009 - 2011).

Additional Comments: (Fall 2009 – Spring 2011)

B. Professional:

Member, Board of Studies, Abasaheb Garware College, Pune, India. (November 2025 - Present).

Student Activities Director, Texas Section of the MAA. (September 2024 - Present).

Reviewer / Referee, Asian Reserach Journal of Mathematics. (2017 - Present).

Reviewer / Referee, Journal of Advances in Mathematics and Computer Science. (2017 - Present).

Reviewer / Referee, Journal of Applied Mathematics and Information Services. (2017 - Present).

Reviewer / Referee, Asian Journal of Mathematics and Computer Research. (2013 - Present).

Reviewer / Referee, British Journal of Applied Science and Technology. (2013 - Present).

Reviewer / Referee, British Journal of Mathematics and Computer Science. (2013 - Present).

Reviewer / Referee, JP Journal of Algebra, Number Theory and Applications. (2013 - Present).

Reviewer / Referee, Open Access Journal operated by Multidisciplinary Digital Publishing Institute. (2013 - Present).

Member, Local Organizer Committee for 103rd Texas Section of the Mathematical Association of America (MAA), San Marcos, TX, United States. (March 22, 2024 - March 23, 2024).

Judge, SIMIODE (SCUMDEM V 2020). (2020).

Co-organizer, Special Session on Generalizations of Graph Theory at the AMS Fall Central Sectional Meeting, Denton. (September 9, 2017 - September 10, 2017).

Co-organizer, Southwest Local Algebra Meeting, San Marcos, TX. (February 27, 2016 - February 28, 2016).

C. Community:

Volunteer, 4th Annual Family Math Night organize by San Marcos CISD. (March 27, 2019).

Volunteer, 2nd District Family Math Night organize by San Marcos CISD. (March 23, 2017).

Volunteer, 1st District Family Math Night organize by San Marcos CISD. (March 23, 2016).

E. Service Honors and Awards:

Award / Honor Recipient: Service Excellence Award, Department of Mathematics, Texas State University.
December 2, 2022

December 7, 2018

Award / Honor Recipient: Outstanding Service Award, India Association (Student Organization), Texas A&M University.
2008
Additional Comments: Fall 2008

F. Service Grants and Contracts:

2. Submitted, but not Funded, External Service Grants and Contracts:

Shen, Jian, Morey, Susan, White, Alexander, Sun, Shuying, Rusnak, Lucas J, Sigley, Robert, Shroff, Piyush Ravindra, Gutt-Lehr, Joanna, Ojeda-Ruiz, Ivan. The Texas State University Mathematics Success Initiative: Hispanic-Serving Institutions Program (MSI-HSI Program). (Submitted: January 2019). Grant.