TEXAS STATE VITA

I. Academic/Professional Background

A. Name: Dr. Ruchi Dilip Kukde Title: Assistant Professor of Instruction

B. Educational Background:

Degree	*Year*	*University*	*Major*	*Thesis/Dissertation*
Master of Science	2023	Texas State University	Data Analytics and Information Systems	*'Analysis of Hospital In-patient Stays and Readmissions of Diabetic Patients in the United States'*
Doctor of Philosophy	2021	Indian Institute of Technology (IIT) Bhubaneswar, India	Electrical Sciences	*'Development and Performance Evaluation of Adaptive Algorithms for Distributed Active Noise Control'*
Master of Technology	2014	Indian Institute of Technology (IIT) Bhubaneswar, India	Electronics and Communication Engineering	*'Development of Novel Narrowband Active Noise Control System'*
Bachelor of Engineering	2011	RTM Nagpur University, India	Electronics Engineering	

C. University Experience:

Experience Type	*Title/Rank/Position*	*Organization/ University*	*Year*
Higher Education	Assistant Professor of Instruction	Texas State University	Jan 2026 – present
Higher Education	Postdoctoral Scholar	Texas State University	Aug 2023 – Dec 2025
Higher Education	Lecturer	Texas State University	Aug 2023 – Dec 2025
Higher Education	Graduate Research Assistant	Texas State University	Mar 2022 – Aug 2023
Higher Education	Assistant Professor	KIIT University, India	July 2019 – Nov 2021
Higher Education	Teaching Assistant	IIT Bhubaneswar, India	July 2012 – June 2019

D. Other Professional Credentials:

Researcher / Family Educational Rights and Privacy Act Training (IPS) (CITI), Texas State University, 2026

Research Security Training (CITI), Texas State University, 2026

Faculty, Skills, and the Future of Higher Education, Coursera, 2026

AI in Education: Leveraging ChatGPT for Teaching, Coursera, 2025

Teaching Online @TXState (TOTS) Certification, Office of Distance and Extended Learning, Texas State University, 2023

Social and Behavioral Research Training (CITI), Texas State University, 2025

Undue Foreign Influence: Risks and Mitigations (CITI), Texas State University, 2025

Research Security Training (CITI), Texas State University, 2025

Family Educational Rights and Privacy Act Training (CITI), Texas State University, 2023

NSF Responsible Conduct of Research Training (CITI), Texas State University, 2023

Tableau Data Analyst Certification Prep, Udemy, 2023

SPSS Statistics Essential Training, LinkedIn Learning, 2023

II. TEACHING

A. Courses Taught:

Texas State University:

OCED 3322 – Problem-Solving and Decision-Making, Spring 2027

OCED 3322 – Problem-Solving and Decision-Making, Fall 2026

OCED 3350 – Introduction to Interdisciplinary Studies for the Bachelor of Applied Arts and Sciences Degree, Fall 2026

OCED 4350 – Adult Development and Career Planning, Fall 2026

CTE 3321 – Workbased Learning, Fall 2026

OCED 3322 – Problem-Solving and Decision-Making, Summer 2026

OCED 3322 – Problem-Solving and Decision-Making, Spring 2026

CTE 3313N – Problem-Solving and Decision-Making, Spring 2026

CTE 3313N – Problem-Solving and Decision-Making, Fall 2025

OCED 5361 – Human Systems in the Workplace, Spring 2025

CTE 3313N – Problem-Solving and Decision-Making, Fall 2024

OCED 5361 – Human Systems in the Workplace, Spring 2024

CTE 3313N – Problem-Solving and Decision-Making, Fall 2023

KIIT University, India:

EC 3021 – Neural Networks and Machine Learning, Spring 2021

EC 2003 – Principles of Signals and Systems, Fall 2020, Fall 2021

EC 2021– Signals and Networks, Spring 2020, Fall 2021

EC 3030 – Adaptive Systems and Signal Processing, Spring 2020

EC 2004 – Principles of Digital Communication, Fall 2019

EC 2098 – Simulation Laboratory, Spring 2020

B. Courses Prepared and Curriculum Development:

CTE 3375 – Principles of Data Science and Analytics (Course Development), Fall 2026, Texas State University

CTE 3377 – Data Visualization (Course Development), Fall 2026, Texas State University

CTE 3371 – Systems Analysis and Design in Information Technology (New Course Outline Development), October 2024, Texas State University

CTE 3372 – Database Theory and Practices in Information Technology (New Course Outline Development), October 2024, Texas State University

CTE 3375 – Principles of Data Science and Analytics (New Course Outline Development), October 2024, Texas State University

CTE 3376 – Database Theory and Practices in Data Analytics (New Course Outline Development), October 2024, Texas State University

CTE 3377 – Data Visualization (New Course Outline Development), October 2024, Texas State University

CTE 3313N – Problem-Solving and Decision-Making (Course Revision), Summer 2024, Texas State University

EC 3030 – Adaptive Systems and Signal Processing (Course Development), Spring 2021, KIIT University, India

C. Teaching Professional Development Activities Attended:

Seminar	Forage Demo - Platform and Canvas Integration Overview, Texas State University	2026

Seminar	Code Mode: Using Gradescope to Evaluate Programming Assignments, Center for Teaching, Learning, & Scholarship, Texas State University	2026
Seminar	Faculty Focus: Promotion for Academic Professional Faculty, Texas State University	2026
Seminar	Getting to Know Google Workspace Plus, Center for Teaching, Learning, & Scholarship, Texas State University	2026
Workshop	Coursera Faculty Institute, Office of the Vice Provost for Academic Innovation, Texas State University	2026
Seminar	Top Hat Essentials, Center for Teaching, Learning, & Scholarship, Texas State University	2026
Seminar	Micro-Credential Information Sessions, Office of Curriculum and Academic Programs, Texas State University	2026
Seminar	Navigating the AOP Course Development Process, TXST Global, Texas State University	2026
Seminar	What Students Are Really Saying About AI: A Dialogue, Texas State University	2026
Workshop/ Symposia	AI in Teaching and Learning Symposium, Texas State University	2026
Seminar	13th Annual Award for Excellence in Online Teaching Virtual Showcase, Texas State University	2026
Workshop	Good Data, Better Decisions: Understanding Data Quality at TXST, Texas State University	2026
Workshop	Understanding Our Data: Bringing Clarity and Transparency to TXST Data, Texas State University	2026
Seminar	Teaching with Care: Understanding Student Mental Health in the Classroom, Texas State University	2025
Seminar	Academic Integrity and AI in Today's Classroom: Q&A with the Honor Code Council, Texas State University	2025
Seminar	AI for Everyday Teaching: Getting Started with Gemini & NotebookLM, Texas State University	2025
Seminar	Click Here for Success: Strategies for Asynchronous Teaching, Texas State University	2025
Workshop/ Symposia	AI in Teaching and Learning Symposium, Texas State University	2025
Seminar	Click Here for Success: Strategies for Asynchronous Teaching, Faculty Development, Texas State University	2025
Seminar	Providing Effective Feedback on Graduate Student Writing, Faculty Development, Texas State University	2024

Seminar	AI in Academia, Faculty Development, Texas State University	2024
Seminar	AI in Academia: Responsible AI Considerations, Faculty Development, Texas State University	2024
Seminar	Let's Explore the Relationship Between Copyright and AI, Faculty Development, Texas State University	2024
Seminar	The AI advantage: Engaging Students through Artificial Intelligence Tools, Faculty Development, Texas State University	2024
Seminar	Aldeas for Faculty: Implementing Artificial Intelligence Activities in Classroom, Faculty Development, Texas State University	2023
Seminar	How Humans Learn: Effective and Compassionate Teaching and Learning, Faculty Development, Texas State University	2023

III. SCHOLARLY/CREATIVE

A. Works in Print:

1. Books:

a. Chapters in Books:

Kukde, R. D. (2026). Changing landscape of problem-solving and decision-making: From academic learning to workforce application. In F. Quayson (Ed.), *Occupational training in the future of work*. Emerald Publishing Limited. https://doi.org/10.1108/978-1-80686-027-220261003

2. Articles:

a. Refereed Journal Articles:

Sherron, T., Kukde, R. D., Schumacher, R., & Xie, L. (2026). Analyzing competency in block credit prior learning assessment: Machine learning model comparisons. *General Linear Model Journal,* 50(1).

Moreno, T. D., Carrera, L., Kukde, R. D., & Ashford-Hanserd, S. N. (2026). Influence of community cultural wealth on undergraduate women of color in computing. *Journal of the National Organization for Student Success*, 3(2), 1-25. https://doi.org/10.61617/jnoss.102

Kukde, R. D., Chakraborty, A., & Shah, J. (August 22, 2024). A systematic review of recent studies on hospital readmissions of patients with diabetes. *Cureus,* 16(8): e67513. https://doi.org/10.7759/cureus.67513

Kukde, R. D., Panda, G., & Manikandan, M. S. (2020). Bio-inspired evolutionary computing approach for distributed active noise control problem. *Cognitive Computation and Systems*, 2(2), 57-65. https://doi.org/10.1049/ccs.2019.0030

Kukde, R. D., Manikandan, M. S., & Panda, G. (2020). Incremental learning based adaptive filter for non-linear distributed active noise control system. *IEEE Open Journal of Signal Processing*, 1, 1-13. https://doi.org/10.1109/OJSP.2020.2975768

Kukde, R. D., Manikandan, M. S., & Panda, G. (2019). Reduced complexity diffusion filtered x least mean square algorithm for distributed active noise cancellation. *Signal, Image and Video Processing*, 13(3), 447-455. https://doi.org/10.1007/s11760-018-01412-1

Kukde, R. D., Panda, G., & Manikandan, M. S. (2018). On distributed nonlinear active noise control using diffusion collaborative learning strategy. *IET Signal Processing*, 12, 410-421. https://doi.org/10.1049/iet-spr.2017.0358

3. Theses and Dissertations:

Kukde, R. D. (2023). *Analysis of hospital in-patient stays and readmissions of diabetic patients in the United States* [Master's thesis, Texas State University]. Texas State University Digital Library. https://digital.library.txst.edu/items/aa89582a-c3b9-42eb-ad6e-8f0ca4fe39b1/full

Kukde, R. D. (2020). *Development and performance evaluation of adaptive algorithms for distributed active noise control* [Doctoral dissertation, Indian Institute of Technology Bhubaneswar]. Indian Institute of Technology Bhubaneswar Library.

Kukde, R. D. (2014). *Development of novel narrowband active noise control system* [Master's thesis, Indian Institute of Technology Bhubaneswar]. Indian Institute of Technology Bhubaneswar Library.

4. Conference Proceedings:

a. Refereed Conference Proceedings:

Kukde, R.D., Sharma, K.B., Anwansedo A.E., Armstrong K., Roundtree A., Ashford-Hanserd, S. (Accepted). Designing and Implementing an AI Curriculum for Youth in Informal Settings: A Case Study. In *"HCII 2026 Late Breaking Papers"* Springer LNCS.

Sharma, K., Wallace, I., Upreti, S., Kukde, R. & Ashford-Hanserd, S. (2025, December). A qualitative study on the factors and mechanisms impacting STEM+C undergraduates' enrollment and persistence. In *Human Factors in Design, Engineering, and Computing* (Vol. 199). AHFE Open Access. http://doi.org/10.54941/ahfe1006958

Kukde, R. D., Shah, J., & Chakraborty, A. (2025, July). Analyzing diabetes-related hospitalizations: Trends and insights from NIS 2016–2019 for health informatics applications. In *Healthcare and medical devices* (Vol. 171). AHFE Open Access. https://doi.org/10.54941/ahfe1006204

Kukde, R. D., Shah, J., & Chakraborty, A. (2025, July). Data-driven insights into diabetes-related hospital readmissions in the United States: Trends and predictors. In *Artificial intelligence and social computing* (Vol. 163). AHFE Open Access. https://doi.org/10.54941/ahfe1006030

Kukde, R. D., Hough T. & Ashford-Hanserd, S. (2025, June). NSF CAREER: Effects of community cultural wealth on persistence of Black and Hispanic women in the P-20 computing workforce pipeline in Texas. In *Proceedings of the 2025 ASEE Annual Conference & Exposition*. Montreal, Quebec, Canada: American Society for Engineering Education. https://doi.org/10.18260/1-2--55776

Sherron, T., Singh, S., Cherrstrom, C. A., Xie, L., Kukde, R. D., King, J. A., Quayson, F., Hyden, B., Gottschall, P., Lopez, O. S., Boden, C. J., & Ashford-Hanserd, S. (2025, April). Constructing educational possibilities with experiential learning and prior learning assessment. In *Proceedings of the American Educational Research Association (AERA) Annual Meeting*. Denver, CO. AERA Online Paper Repository. https://doi.org/10.3102/2196027

Sherron, T., Cherrstrom, C. A., Singh, S., Quayson, F., King, J. A., Kukde, R. D., Xie, L., Hyden, B., Gottschall, P., Lopez, O. S., Boden, C. J., & Ashford-Hanserd, S. (2025, April). Credentialing workplace learning: Factors impacting prior learning assessment. In *Proceedings of the American Educational Research Association (AERA) Annual Meeting*. Denver, CO. AERA Online Paper Repository. https://doi.org/10.3102/2191524

Sherron, T., Kukde, R. D., Schumacker, R. E., & Xie, L. (2025, April). Analyzing competency in block credit prior learning assessment: Machine learning model comparisons. In *Proceedings of the American Educational Research Association (AERA) Annual Meeting*. Denver, CO. AERA Online Paper Repository. https://doi.org/10.3102/2191503

Wallace, I., Saha, A. K., Upreti, S., Sharma, K. B., Hough, T., Kukde, R. D., Ashford-Hanserd, S., & Sullivan, C. (2025, April). Examining aspects of cultural capital influencing persistence among Hispanic and Black students in computing education. In *Proceedings of the American Educational Research Association (AERA) Annual Meeting*. Denver, CO. AERA Online Paper Repository. https://doi.org/10.3102/2189972

Ashford-Hanserd, S., Hough, T., Kukde, R. D., Garza, D., Saha, A. K., & Summers, E. (2024, November). Effects of cultural capital on participation and persistence in K-16 STEM+C education among undergraduate women of color. In *Proceedings of the 2024 CTE Research & Professional Development Conference*, (pp. 1-12). San Antonio, TX.

Kukde, R. D., Manikandan, M. S., & Panda, G. (2018). An incremental distributed active noise control system for impulse noise cancellation. *Proceedings of the NCDAMLS 2018*, Bilaspur, India.

Kukde, R. D., Manikandan, M. S., & Panda, G. (2017). Robust distributed active noise control in presence of secondary path and error sensor disturbances. *Proceedings of the IEEE Region 10 Conference (TENCON)* (pp. 369–374). Malaysia. https://doi.org/10.1109/TENCON.2017.8227892

Kukde, R. D., Manikandan, M. S., & Panda, G. (2016). Low complexity distributed active noise control using secondary path constraints. *Proceedings of the IEEE Region 10 Conference (TENCON)* (pp. 612–616). Singapore. https://doi.org/10.1109/TENCON.2016.7848075

Kukde, R. D., Manikandan, M. S., & Panda, G. (2014). Development of a novel narrowband active noise controller in presence of sensor error. *Proceedings of the 2014 International Conference on Advances in Computing, Communications and Informatics (ICACCI)* (pp. 2735–2739). New Delhi. https://doi.org/10.1109/ICACCI.2014.6968255

B. Works Not in Print:

1. Papers Presented at Professional Meetings:

Kukde, R.D., Sharma, K.B., Anwansedo A.E., Armstrong K., Roundtree A., Ashford-Hanserd, S. (2026, July). Designing and Implementing an AI Curriculum for Youth in Informal Settings: A Case Study. [Conference presentation]. *HCI International 2026, 28th International Conference on Human-Computer Interaction*, Montreal, Canada.

Sharma K. B., Upreti S., Wallace I., Kukde R. D., Ashford-Hanserd, S. (2025, December). A qualitative study on the factors and mechanisms impacting STEM+C undergraduates' enrollment and persistence. [Conference presentation]. *AHFE 2025 International Conference on Human Factors in Design, Engineering, and Computing*, Honolulu, Hawaii, United States.

Kukde, R. D., Chakraborty, A., & Shah, J. (2025, July). Analyzing diabetes-related hospitalizations: Trends and insights from NIS 2016–2019 for health informatics applications. [Conference presentation]. *16th International Conference on Applied Human Factors and Ergonomics (AHFE 2025)*, Orlando, FL, United States.

Kukde, R. D., Chakraborty, A., & Shah, J. (2025, July). Data-driven insights into diabetes-related hospital readmissions in the United States: Trends and predictors. [Conference presentation]. *16th International Conference on Applied Human Factors and Ergonomics (AHFE 2025)*, Orlando, FL, United States.

Sherron, T., Singh, S., Cherrstrom, C. A., Xie, L., Kukde, R. D., King, J. A., Quayson, F., Hyden, B., Gottschall, P., Lopez, O. S., Boden, C. J., & Ashford-Hanserd, S. (2025, April). Constructing educational possibilities with experiential learning and prior learning assessment. [Conference presentation]. *American Educational Research Association (AERA) 2025 Annual Meeting*, Denver, CO, United States.

Sherron, T., Cherrstrom, C. A., Singh, S., Quayson, F., King, J. A., Kukde, R. D., Xie, L., Hyden, B., Gottschall, P., Lopez, O. S., Boden, C. J., & Ashford-Hanserd, S. (2025, April). Credentialing workplace learning: Factors impacting prior learning assessment. [Conference presentation]. *American Educational Research Association (AERA) 2025 Annual Meeting*, Denver, CO, United States.

Sherron, T., Kukde, R. D., Schumacker, R., & Xie, L. (2025, April). Analyzing competency in block credit prior learning assessment: Machine learning model comparisons. [Conference presentation]. *American Educational Research Association (AERA) 2025 Annual Meeting*, Denver, CO, United States.

Wallace, I., Saha, A. K., Upreti, S., Bhattarai Sharma, K., Hough, T., Kukde, R. D., Ashford-Hanserd, S. & Sullivan, C. (2025, April). Examining aspects of cultural capital influencing persistence among Hispanic and Black students in computing education.

[Conference presentation]. *American Educational Research Association (AERA) 2025 Annual Meeting*, Denver, CO, United States.

Ashford-Hanserd, S., Hough, T., Kukde, R. D., Garza, D., Saha, A. K., & Summers, E. (2024, November). Effects of cultural capital on participation and persistence in K-16 STEM+C education among undergraduate women of color. [Conference presentation]. *2024 CTE Research & Professional Development Conference*, San Antonio, TX, United States.

Kukde, R. D., Manikandan, M. S., & Panda, G. (2017). Robust distributed active noise control in presence of secondary path and error sensor disturbances. [Conference presentation]. *IEEE Region 10 Conference (TENCON)* (pp. 369–374). Malaysia.

Kukde, R. D., Manikandan, M. S., & Panda, G. (2016). Low complexity distributed active noise control using secondary path constraints. [Conference presentation]. *IEEE Region 10 Conference (TENCON)* (pp. 612–616). Singapore.

Kukde, R. D., Manikandan, M. S., & Panda, G. (2014). Development of a novel narrowband active noise controller in presence of sensor error. [Conference presentation]. *2014 International Conference on Advances in Computing, Communications and Informatics (ICACCI)* (pp. 2735–2739). New Delhi.

2. Invited Talks, Lectures, and Presentations:

Kukde, R. D. (2026, Oct 1). Invited panelist for Faculty Panel. *Texas Workforce Innovation Summit,* Texas State University, San Marcos, TX.

Kukde, R. D. (2026, Aug 6). Measuring STEM+AI Student Success. [Presentation]. *Lunch and Learn August 2026, ACCEYSS Network,* Online.

Kukde, R. D. (2026, Feb 18). *Tech Panel.* Invited panelist at the Media and Technology Session, Youth Leadership, San Marcos, Texas State University, San Marcos, TX.

Anwansedo, A. E., Kukde, R., Belcher, S., Zha, Y., Saha, A. K., Campbell-Montalvo, R., Roundtree, A., Ashford-Hanserd, S. N. (2026). Exploring the Role of Community Cultural Wealth in Undergraduate STEM Major Decision Making: A Qualitative Narrative. [Presentation]. *10th World Conference on Qualitative Research*, Madrid, Spain.

Anwansedo, A. E., Kukde, R., Belcher, S., Hough, T., Ashford-Hanserd, S. N. (2026). Faculty Perceptions on STEM Success Skills Needed in STEM+C Undergraduate Degree Programs: A Focus Group Study. [Presentation]. *10th World Conference on Qualitative Research*, Madrid, Spain.

Kukde, R. D. (2025, August 22). *Alumni Student Panel.* Invited panelist at the Graduate Student Orientation, McCoy College of Business, Texas State University, San Marcos, TX.

Ashford-Hanserd, S., Anwansedo, A. E., Kukde, R., Saha, A. K., Sharma, K. B., Upreti, S., & Wallace, I. (2025, July). *I will continue to persist: Optimizing cultural capital in the computing education and workforce* [Conference session]. CSTA 2025 Annual Conference, Cleveland, OH, United States.

Kukde, R. D. (2025, April 16). *Tech Panel.* Invited panelist at the Media and Technology Session, Youth Leadership, San Marcos, Texas State University, San Marcos, TX.

Sharma, K. B., Kukde, R. D., Anwansedo A. E., Ashford-Hanserd, S. (2025, March). Factors influencing persistence of undergraduate computing majors at an HSI in Texas. [Poster presentation]. 2025 *TXST STEM Conference,* Texas State University, San Marcos, TX.

Upreti S., Kukde, R. D., Anwansedo A. E., Ashford-Hanserd, S. (2025, March). Staying the course: Factors influencing persistence of Biology majors. [Poster presentation]. 2025 *TXST STEM Conference,* Texas State University, San Marcos, TX.

Rosado T., Kukde, R. D., Anwansedo A. E., Ashford-Hanserd, S. (2025, March). An analysis of factors influencing undergraduate students' decision to enroll and persist in STEM majors. [Poster presentation]. 2025 *TXST STEM Conference,* Texas State University, San Marcos, TX.

Kukde, R. D. (2025, January 25). *Panel discussion with successful women in STEM/STEAM.* Invited panelist at the 2025 STEAM Conference, Georgetown, TX.

Hough, T. D., Ashford-Hanserd, S. N., Kukde, R. D., Garza, D. R., Summers, E., Saha, A. K. (2025). A qualitative inquiry into the aspects of cultural capital that influence persistence among postsecondary women of color studying computing. [Presentation]. *9th World Conference on Qualitative Research*, Krakow, Poland (online hybrid).

Upreti, S., Sharma, K. B., Kukde, R. D., Hough, T., & Ashford-Hanserd, S. (2024, October). An analysis of factors influencing Hispanic/Latina(o) students in their decisions to enroll and persist in a computing program at an HSI in Texas. [Poster presentation]. *SACNAS National Diversity in STEM (NDiSTEM) Conference*, San Antonio, TX.

Kukde, R. D., & Hough, T. (2024, April). Optimizing cultural capital in career and education planning and persistence. [Webinar]. *Shiminly*. https://shiminly.com/

Sharma, K. B., Adhikari, S., & Kukde, R. D. (2024, April). Digital minds: Unveiling student perceptions of artificial intelligence. [Poster presentation]. *TXST Center for Analytics and Data Science Third Analytics Showcase*, Texas State University, San Marcos, TX.

Kukde, R. D., Hough, T., & Moreno, T. (2024, March). The mentor, the scholar and the postdoc journey: Navigating together. [Poster presentation]. *National Postdoctoral Association 2024 Annual Conference*, Seattle, WA.

Kukde, R. D., Chakraborty, A., & Shah, J. (2023, October). Analysis of factors and trends of diabetes-related inpatient stays in the United States. [Poster presentation]. *INFORMS Annual Meeting*, Phoenix, AZ.

Kukde, R. D. (2021, June). Development and performance evaluation of distributed active noise control systems. [Invited talk]. *Online Faculty Development Program: Exploring Self – A New Paradigm in Education*, KIIT Deemed to be University, India.

Kukde, R. D. (2017, February). Distributed active noise control systems. [Poster presentation]. *National Science Day*, IIT Bhubaneswar, India.

3. Other Works not in Print:

a. Works "in progress":

Kukde, R.D., Moreno, T. D., Hough, T., Ashford-Hanserd, S. (Manuscript in preparation). *Sociocultural Predictors of STEM Persistence among High School Students: A Quantitative Analysis of HSLS:09*

Kukde R. D., Shah J., Chakraborty A., Dasaraju M. (Manuscript in preparation). *Modeling diabetes readmission risk: Addressing bias and the influence of social determinants of health.*

C. Scholarly / Creative Grants and Contracts:

Ashford-Hanserd, Shetay Nicole (Principal Investigator) & Kukde, Ruchi Dilip (Co-Principal Investigator), Faculty Innovation Accelerator Program (FIAP) IDC Grant, Texas State University, $1,000. (Awarded: April 2024). Grant.

Kukde, Ruchi Dilip (Principal Investigator) & Belcher, Shannon Yumi (Co-Principal Investigator), College of Applied Arts Undergraduate Research Learning Communities Grant, Texas State University, $5,000. (Submitted: October 2025). Grant.

D. Scholarly / Creative Fellowships, Awards, Honors:

McCoy Fellowship of Distinction, Texas State University, 2023

The Graduate College Scholarship – Business, Texas State University, 2022

Ronald J., Amy B. Lightfoot Endowed Graduate Fellowship, Texas State University, 2022–2023

Dorothy Jewell Leinneweber Graduate Fellowship, Texas State University, 2022–2023

H.C. Vivian Memorial Endowment Scholarship, Texas State University, 2022–2023

Research Fellowship, Ministry of Human Resource Development, Government of India, 2012–2019

E. Scholarly / Creative Professional Development Activities Attended:

Activity Type	*Title*	*Year*
Conference Attendance	ACTER 2026, Texas State University	2026
Conference Attendance	Texas Workforce Innovation Summit, Texas State University	2026

Conference Attendance	HCI International 2026, 28th International Conference on Human-Computer Interaction, Online	2026
Conference Attendance	Spring 2026 Undergraduate Research Conference, Texas State University	2026
Conference Attendance	2026 TXST STEM Conference, Texas State University	2026
Seminar	For the Love of Data: Connecting with TXST Data, Texas State University	2026
Conference Attendance	10th World Conference on Qualitative Research (WCQR), Online	2026
Conference Attendance	AHFE 2025 International Conference on Human Factors in Design, Engineering, and Computing, Online	2025
Conference Attendance	16th International Conference on Applied Human Factors and Ergonomics (AHFE 2025), Orlando, FL	2025
Conference Attendance	2025 STEM Success Stories Conference, Texas State University	2025
Conference Attendance	2025 TXST STEM Conference, Texas State University	2025
Seminar	Research GPS: Charting Your Course Through Submitting Proposals, Division of Research, Texas State University	2025
Conference Attendance	2025 STEAM Conference, Georgetown Public Library, TX	2025
Conference Attendance	ACTER Conference 2024, San Antonio, TX	2024
Conference Attendance	2024 Herstories Conference, Texas State University	2024
Conference Attendance	ACCEYSS Faith and Leadership Summit 2024, State Capitol, TX	2024
Seminar	Redefining the Qualitative Researcher's Role in Era of AI and Digital Innovations, Texas State University	2024
Seminar	NSF Noyce and National STEM Teacher Corps Informational Webinar, Texas State University	2024
Conference Attendance	2024 TXST STEM Conference, Texas State University	2024
Seminar	Ask the Editor! Secrets to Success in Publishing Journal Articles, Faculty Development, Texas State University	2024
Conference Attendance	2024 Annual National Postdoctoral Association Conference, Seattle, WA	2024

Seminar	Convening on Building STEM Education Capacity and Impact through HSI's and MSI's: Strategies for Research and Education Funding, Texas State University	2024
Seminar	If You Build It, They Will Come: Best Practices for Designing Research Survey Instruments, Faculty Development, Texas State University	2024
Seminar	The Grant Writer's Guide to the Galaxy: Foundations for Grant Writing, Faculty Development, Texas State University	2024
Seminar	Mastering The Art of Survey Design! Building Blocks for Effective Research, Faculty Development, Texas State University	2024
Conference Attendance	INFORMS 2023 Annual Meeting, Phoenix, AZ	2023
Seminar	The Practice of Arts-Based Qualitative Research, Texas State University	2023
Workshop/ Symposia	You, Me and IDP! Texas State University	2023

F. Media Recognition:

Texas State University, College of Applied Arts. *Faculty, Staff, and Student Research Activity* (Summer 2025). https://www.appliedarts.txst.edu/research-office/faculty-staff-and-student-research-activity.html

Notes: Featured on the College of Applied Arts website highlighting faculty, staff, and student research activity at Texas State University in Summer 2025. The page showcases ongoing scholarly work, interdisciplinary research, and applied research contributions across the college.

Texas State University, Department of Organization, Workforce, and Leadership Studies. ACCEYSS Research Group Earns Multiple Acceptances at the 10th World Conference on Qualitative Research (WCQR 2026). College of Applied Arts Newsletter, Fall 2025.

Notes: Featured in the Fall 2025 College of Applied Arts Newsletter highlighting the ACCEYSS Research Group's multiple paper acceptances at WCQR 2026. The newsletter recognizes interdisciplinary STEM education research and contributions in qualitative inquiry.

IV. SERVICE

A. Institutional

1. University:

Member, Student Evaluations of Teaching (SET) Working Group, Texas State University, Feb 2026–Sept 2026

Poster Judge, 2026 TXST STEM Conference, Texas State University, 2026

Organizer, Poster Session, STEM Success Conference, Texas State University, 2025

Poster Judge, 2024 TXST STEM Conference, Texas State University, 2024

Member, Student Relations Committee, School for International Student Affairs, KIIT University, India, 2020–2021

2. Department/School:

Member, 2026 Search Committee – Postdoctoral Scholar (ACCEYSS Research Group), Department of OWLS, Texas State University, 2026

Member, 2026 Search Committee – Graduate Research Assistant, Department of OWLS, Texas State University, 2026

Member, 2026 Search Committee – Assistant Professor of Instruction & BAAS Coordinator, Department of OWLS, Texas State University, 2026

Member, PLA Portfolio Evaluations, Texas State University, Fall 2026

Program Lead, BAAS in Data Analytics, Texas State University, August 2026–present

Department Representative, San Marcos 2026 S.T.E.A.M. Career Exploration Fair, San Marcos High School, San Marcos, April 2026

Department Representative, Bobcat Day, Texas State University, November 2025

Member, 2025 Search Committee - Postdoctoral Scholar (ACCEYSS Research Group), Texas State University, 2025

Member, BAAS Program Committee, Texas State University, 2025–present

Volunteer, Bobcat Day, Texas State University, October 2024

Member, BAAS (Data Analytics) Program, Texas State University, 2024–2025

Member, 2024 Search Committee - Postdoctoral Scholar (ACCEYSS Research Group), Texas State University, 2024

Member, OWLS 50th Anniversary Celebration Committee, Texas State University, 2023–2025

Member, Prior Learning Assessment (PLA), Texas State University, 2022–present

Member, Accreditation Review Committee (Accreditation Board for Engineering and Technology – ABET), KIIT University, India, 2019–2021

Member, Capstone Evaluation Committee, KIIT University, India, 2020–2021

B. Professional:

Faculty Mentor, RES 4399 – Mentored Research and Creative Expression, Texas State University, 2026

Judge, ACTER 2026, Texas State University, November 2026

Reviewer, ACTER 2026, July 2026–August 2026

Reviewer, Frontiers in Neurology - Neuromuscular Disorders and Peripheral Neuropathies, 2026

Reviewer, Journal of Research in Technical Careers, 2026–present

Reviewer, Frontiers in Public Health, 2026

Reviewer, Frontiers in Endocrinology - Clinical Diabetes, 2026

Reviewer, IEEE Transactions on Audio, Speech and Language Processing, 2026–present

Panel Member [Invited], *Tech Panel*, Media and Technology Session, Youth Leadership, San Marcos Chamber of Commerce, 2025 and 2026

Panel Member [Invited], *Alumni Student Panel*, Graduate Student Orientation, McCoy College of Business, Texas State University, 2025

Panel Member [Invited], *Panel Discussion with Successful Women in STEM/STEAM*, STEAM Conference, 2025

Reviewer, Signal, Image and Video Processing, Springer, 2024–present

C. Community:

Volunteer, ACCEYSS, 2023–2026

D. Organization Memberships:

National Postdoctoral Association, 2023–2025

INFORMS, 2023–2025

Beta Gamma Sigma, Lifetime Member, 2023–present