TEXAS STATE VITA

I. Academic/Professional Background

A. Name: Krushi Lokhande Title: Associate Professor of Instruction

Email: krl86@txstate.edu

B. Educational Background

Degree	*Year*	*University*	*Major*	*Project*
PHD candidate	2027	Texas State University	Materials Science Engineering & Commercialization	"Developing a Low Carbon Footprint Self-Consolidating Concrete Mixture using Local Texas Materials"
MS	2019	Texas State University	Technology Management: Construction Management	"Impact of makerspace-based class-making projects on students' engineering design self-efficacy"
BS	2016	Universal College of Engineering – University of Mumbai	Civil Engineering	"Effect of Alccofine on the strength of concrete"

C. University Experience

Position	*University*	*Dates*	*Duration*
Associate Professor of Instruction	Texas State University	September 2026-Present	
Assistant Professor of Instruction	Texas State University	September 2024 – August 2026	2 years
Lecturer	Texas State University	September 2019- August 2024	5 years

Position	*University*	*Dates*	*Duration*
Graduate Instructional Assistant	Texas State University	September 2017 to May 2019	1.75 years

D. Relevant Professional Experience

Position	*Entity*	*Dates*
Industry Resident	SpawGlass Contractors	May 2026 to August 2026
Site Engineer	Pragati Developers	July 2016 to July 2017

	(Residential & Commercial)	

E. Other Professional Credentials (licensure, certification, etc.) :
1. 30-hour OSHA Hazard Recognition Training for the Construction Industry Course: OEC1030-7061211

II. TEACHING
A. Teaching Honors and Awards: None

B. Courses Taught:

Course Number	*Name*	*Semester*
CSM 1260	Introduction to the Construction and Concrete Industry	Fall 2020
CSM 2342	Construction Materials and Processes & Lab	Fall 2019 - Present
TECH 2351	Statics and Strength of the Material	Fall 2020, Fall 2021, Fall 2022, Fall 2026
CSM 3361	Commercial Construction Building Systems	Fall 2019 - Present
CSM 3367	Mechanical, Electrical, Plumbing Systems	Fall 2020, Spring 2023 – Spring 2026
CSM 2262	Construction Lab	Spring 2025-Spring 2026
CIM 3330	Fundamentals of Concrete Construction	Fall 2026 – Present

Instructor Rating (5.0 Scale)								
Course	Sem.	Students	Learning	Enthusiasm	Organization	Ind. Rapport	Exam	Assignments
CSM 2342	F 2019	37	4.70	4.76	4.72	4.75	4.94	4.50
	F 2019	21	4.40	4.19	3.96	4.52	4.62	3.65
	Sp 2020	10	4.45	4.67	4.58	4.77	4.70	4.5
	Sp 2020	32	4.25	4.36	4.57	4.43	4.68	4.21
	Sm 2020	25	4.41	4.41	4.24	4.80	4.68	4.46
	F 2020	18	4.41	4.56	4.53	4.73	4.49	4.10
	F 2020	33	4.46	4.66	4.41	4.72	4.71	4.42
	Sp 2021	8	4.21	4.83	4.54	4.78	4.63	4.25
	Sp 2021	25	4.51	4.65	4.71	4.88	4.83	4.53
	Sp 2021	19	4.57	4.67	4.57	4.67	4.80	4.77
	Sm 2021	18	4.53	4.77	4.53	4.36	4.71	4.25
	F 2021	37	4.46	4.71	4.72	4.81	4.91	4.13
	F 2021	23	4.44	4.55	4.49	4.50	4.68	4.27
	Sp 2022	37	4.43	4.71	4.60	4.67	4.71	4.18
	Sp 2022	39	4.53	4.63	4.79	4.74	4.69	4.30
	Sm 2022	21	4.49	4.75	4.69	4.61	4.86	4.67
	F 2022	29	4.31	4.59	4.59	4.67	4.66	4.19
	F 2022	29	4.66	4.71	4.80	4.81	4.74	4.36

	Sp 2023	26	4.43	4.55	4.75	4.70	4.69	4.35
	Sp 2023	29	4.53	4.76	4.66	4.72	4.61	4.24
	Sm 2023	9	4.67	4.75	4.71	4.89	4.77	4.00
	F 2023	24	4.58	4.86	4.83	4.91	4.76	4.42
	F 2023	29	4.23	4.35	4.44	4.47	4.44	4.18
	Sp 2024	30	4.52	4.46	4.52	4.68	4.55	3.96
	Sp 2024	34	4.48	4.74	4.73	4.59	4.65	4.40
	Sm 2024	11	4.45	5.0	4.75	4.93	4.80	4.30
	F 2024	27	4.37	4.80	4.63	4.68	4.57	4.33
	F 2024	26	4.31	4.64	4.62	4.60	4.56	4.19
	Sp 2025	36	4.38	4.60	4.55	4.63	4.59	4.35
	Sp 2025	36	4.41	4.63	4.63	4.55	4.47	4.16
	F 2025	19	4.08	4.25	4.17	4.11	4.18	4.17
	F 2025	30	4.36	4.61	4.62	4.60	4.59	4.50
	S 2026	19	4.43	4.59	4.67	4.72	4.75	4.17
	S 2026	34	4.31	4.53	4.81	4.79	4.78	4.37
CSM 3361	F 2019	45	4.23	4.22	4.30	4.43	4.50	4.00
	F 2019	20	4.46	4.33	4.52	4.58	4.83	4.42
	Sp 2020	23	4.91	4.66	4.83	5.0	5.0	4.66
	Sp 2020	29	3.87	3.87	3.87	4.16	4.0	3.75
	Sm 2020	10	4.50	4.75	5.0	4.66	4.70	4.0
	Sp 2021	37	4.27	4.50	4.52	4.63	4.47	3.98
	Sm 2021	9	4.71	4.93	4.93	4.90	4.94	4.71
	Sp 2022	18	4.53	4.67	4.67	4.76	4.73	4.40
	Sm 2022	7	4.54	4.86	4.89	4.71	5.00	4.50
	Sp 2023	41	4.48	4.60	4.76	4.79	4.71	4.20
	Sm 2023	14	4.56	4.79	4.83	4.92	4.78	4.65
	Sp 2024	41	4.47	4.71	4.68	4.80	4.70	4.33
	Sm 2024	7	4.17	3.83	4.58	5.0	5.0	5.0
	Sp 2025	35	4.31	4.60	4.73	4.69	4.71	4.52
	Sp 2025	19	4.29	4.55	4.74	4.74	4.67	4.31
	Sm 2025	6	4.63	5.00	5.00	5.00	5.00	5.00
	F 2025	46	4.23	4.39	4.52	4.52	4.52	4.39
	S 2026	50	4.32	4.51	4.60	4.55	4.59	4.34
TECH 2351	F 2020	25	4.41	4.68	4.58	4.82	4.63	4.21
	F 2021	33	4.51	4.65	4.60	4.56	4.61	4.43
	F 2021	20	4.50	4.83	4.75	4.78	4.76	4.11
	F 2022	38	4.75	4.88	4.79	4.90	4.83	4.53
CSM 1260	F 2020	50	4.24	4.32	4.24	4.51	4.35	4.10

CSM 3367	F 2020	41	4.41	4.74	4.67	4.74	4.74	3.99
	Sp 2023	37	4.60	4.82	4.91	4.81	4.92	4.63
	Sm 2023	9	4.61	4.64	4.86	4.86	4.86	4.71
	F 2023	42	4.62	4.81	4.81	4.77	4.77	4.40
	Sp 2024	35	4.78	4.93	4.84	4.93	4.90	4.78
	Sm 2024	13	4.54	4.83	4.83	4.83	4.90	4.83
	F 2024	42	4.56	4.71	4.80	4.80	4.81	4.56
	F 2024	39	4.42	4.53	4.54	4.56	4.48	4.20
	Sp 2025	35	4.48	4.70	4.83	4.69	4.66	3.86
	Sm 2025	13	4.50	4.92	4.83	4.94	4.90	4.67
	F 2025	41	4.25	4.49	4.48	4.52	4.41	4.18
	S 2026	40	4.34	4.60	4.74	4.62	4.68	4.34
CSM 2262	Sp 2025	35	4.10	4.50	4.46	4.43	4.48	4.15
	Sm 2025	8	4.50	4.92	4.83	4.94	4.90	4.67
	F 2025	40	4.44	4.66	4.66	4.61	4.63	4.33
	S 2026	42	4.08	4.06	4.11	4.11	4.02	4.00

Sem.= Semester, F = Fall, Sp = Spring, Sm = Summer

C. Directed Student Learning (i.e. theses, dissertations, exit committees, etc.): None

D. Courses Prepared and Curriculum Development:

1. CSM 2342: Construction Materials and Processes (Revised 2019, 2026)
2. CSM 3361/2362: Commercial Buildings Construction Systems (Revised 2019, 2026)
3. TECH 2351: Statics and Strength of the Materials (Revised 2020, 2026)
4. CSM 3367: Mechanical Electrical & Plumbing Systems (Revised 2020, 2026)
5. CSM 2262: Construction Lab (Revised 2024)
6. CIM 3330: Fundamentals of Concrete Construction (Revised 2026)

E. Teaching Grants and Contracts

1. Funded External Teaching Grants and Contracts: None

2. Submitted, but not Funded, External Teaching Grants and Contracts: None

3. Funded Internal Teaching Grants and Contracts: None

4. Submitted, but not Funded, Internal Teaching Grants and Contracts: None

F. Other:

1. Prepared Proposal for new course CSM 3371 Commercial Business Practices. The proposal was submitted in September 2024.
2. Cement Plant Visit “Ash Grove Cement- Hunter Cement Plant” located at 7781 FM1102, New Braunfels, TX 78132 on 23rd December 2024 to develop course content for students in Construction Science and Management program.

3. Recognized and felicitated by the students of the ASEZ student organization on campus for my dedication to the profession on 6th February 2025.

G. Teaching Professional Development Activities Attended:

Name of the Event	*Location*	*Date*
1.TRACS for New Faculty Orientation	Texas State University	19 August 2019
2.ACCE Mid-Year Conference	Jacksonville, Florida	19-21 February 2020
3.STEM Teaching Workshop	Texas State University	18-21 May 2020
4.ACCE Advance Team Member Training	Online	21 July 2020
5.Teaching Online@txstate Certification	Texas State University	24 July 2020
6.Camp Canvas: Canvas Essential	Texas State University	12 August 2020
7.ACCE Advance Team Member Training, Visiting Team Case Studies	Online	19-20 July 2021
8. "Assets, Power, and Strength: First-generation College Students & Ways to Support Them"	Online- Texas State University	8 November 2022
9. "Wait! Shouldn't Students Know That Already? Why Students Don't Know What You Think They Should Know and What You Can Do About It" Workshop about applicable learning principles to help students develop their cognitive learning skills	Online-Texas State University	25 January 2023
10. "These Boots Were Made for Walking: Creating Meaningful Connections and Intentions as Hispanic Serving Institution (HSI) Faculty"	Online- Texas State University	8 March 2023
11. How Humans Learn: Effective and Compassionate Teaching and Learning Seminar on classroom strategies to effectively and compassionately help students improve their academic performance.	Online- Texas State University	14 November 2023
12. "New to Teaching? We've Got Your Easy Button!". This workshop was tailored to offer practical, easy-to-implement strategies to engage your students and help them succeed in your course.	Online- Texas State University	21 August 2024
13. The AI Advantage: Engaging Students through Artificial Intelligence Tools. This workshop explored practical ways to use AI to enhance classroom interactions, engage students, and streamline daily tasks. Real use cases were discussed regarding innovative	Online- Texas State University	5 November 2024

AI tools and techniques that can elevate teaching and enrich students' learning experiences		
14. The Power of Play: Using Student-Centered Pedagogy & Play to Enhance Student Engagement, Connection, and Learning. This interactive session explored ways to discover practical teaching techniques designed to boost student engagement, deepen their connection with course content, and incorporate dynamic and playful activities across disciplines, class sizes, and formats. Participants learned about ready-to-use approaches that can transform student learning and energize their teaching.	Online – Texas State University	7 November 2024
15. Validating First-Generation College Students: Proactive Affirmation of Students. This interactive session by Dr. Stephanie Cuellar was designed to inspire and equip faculty and staff with innovative strategies to support the success of first-generation college students (FGCS). A brief overview of key findings surrounding FGCS challenges and outcomes was discussed. This session empowered faculty and staff to see themselves as validating agents at TXST, enabling them to play a crucial role in helping FGCS thrive.	Online – Texas State University	7 November 2024
16. Looking Forward: The Future of AI in Higher Education: This interactive workshop had open discussions and idea sharing to explore the evolving role of AI in academia. Key topics like innovative teaching practices, preparing students for AI-driven careers, and how to approach ever-evolving technology that affects the educational landscape were discussed.	Online – Texas State University	14 November 2024
17. Finding and Using Images and Media: An Introduction to Creative Commons: This interactive workshop by Tara Smith was about copyright and openly licensed creative content, and how to find and use openly licensed images, music, and video and other open access content.	Online- Texas State University	24 January 2025
18. Webinar: Creating Custom Research Course Guides for your Classes: This interactive workshop by Tara Smith was about how instructors can make custom library research course guides for your	Online – Texas State University	25 February 2025

classes that can include databases, books, H5P activities and embedded basic research tutorials, and more.		
19. Webinar: Open Educational Resources (OER): This workshop by Isabelle Antes provided a brief introduction to Open Resource Databases, Repositories, and Websites, equipping participants with the knowledge to locate and utilize freely available academic resources. Attendees learned how to find and incorporate open-access textbooks, journal articles, and digital learning objects into their courses or research, enhancing accessibility and scholarly engagement.	Online – Texas State University	4 March 2025
20.Webinar: Open Pedagogy: This workshop by Tricia Boucher explored how Open Pedagogy techniques and assignments can enhance student engagement by making coursework more meaningful and relevant. Research shows that increased engagement boosts student persistence and retention, yet many students disengage when they fail to see the real-world value of what they're learning. By incorporating Open Pedagogy strategies, educators can create more impactful learning experiences that foster deeper connections between course material and students' lives.	Online – Texas State University	6 March 2025
21. Webinar: AI Tools for Literature Reviews The workshop by Jess Williams focused on how artificial intelligence (AI) tools could help streamline the often time-consuming and overwhelming process of literature reviews. It introduced participants to various AI tools designed to assist in finding and evaluating sources, visualizing connected citations through knowledge maps, and organizing findings for the pre-writing phase. The session aimed to simplify the literature review process, allowing participants to efficiently manage and structure their research.	Online- Texas State University	18 March 2025
22. Webinar: Course Contextualization: Strategies for Adapting Learning Activities to Support Students Across Majors: This workshop helped participants get a	Online – Texas State University	30 April 2025

jumpstart on their summer and fall course design as we explored practical strategies for adapting course learning activities to support students from a range of academic majors. Whether they were teaching a core course, an interdisciplinary elective, or a specialized course expanding to include students from multiple majors, the session provided concrete tools to help balance varied skill levels, interests, and career goals while maintaining academic rigor. Attendees shared their experiences, gathered new ideas, and left with actionable approaches to better support student learning across disciplines.		
23. Webinar: Faculty Focus: Strategies for Conducting Peer Teaching Evaluations: This workshop focused on peer teaching evaluations in alignment with university policy (AA/PPS No. 04.02.21) for promoting non-tenure line faculty. I learned about the purpose, process, and expectations for evaluators selected by departmental personnel committees. The session highlighted best practices for assessing teaching effectiveness and strategies to ensure fair, rigorous, and constructive evaluations. It helped me understand the university's policies and standards for conducting effective peer evaluations.	Online – Texas State University	2 September 2025
24. Webinar: - AI for Everyday Teaching: Getting Started with Gemini & NotebookLM : This workshop explored how AI is transforming teaching and learning in the classroom. I learned about Google Gemini and Google NotebookLM, which are available to all Texas State faculty, staff, and students. The session demonstrated how these tools can help create instructional materials, simplify complex readings, and support students in making meaningful connections across their coursework. Practical examples showcased how faculty are already using these tools to design more engaging and effective learning experiences.	Online – Texas State University	4 September 2025

H. Mentoring/Graduate Assistant Supervisor for the following Students:

Student Name	**Major**	**Semester**
Sabrin Gautam	Construction Management	Fall 2024

Nabin Bhattarai	Construction Management	Spring 2024-Spring 2026
Arianna Alvarez	Environmental Engineering	Fall 2025- Spring 2026
Bikesh Suwal	Construction Management	Fall 2026 - Present

III. SCHOLARLY/CREATIVE

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

1. Books:

a. Scholarly Monographs: None

b. Textbooks: None

c. Edited Books: None

d. Chapters in Books: None

e. Creative Books: None

2. Articles:

a. Refereed Journal Articles: None

b. Non-refereed Articles: None

3. Conference Proceedings:

a. Refereed Conference Proceedings: None

b. Non-refereed: None

4. Abstracts: None

5. Reports:

1. **Lokhande, K.**, Talley, K., Smith, S., and Torres, A. (2019) “Impact of makerspace-based class-making projects on students’ engineering design self-efficacy” Report submitted to the Department of Engineering Technology, Texas State University, TX.

2. **Lokhande, K.**, and Aguayo, A. (2018) “Accelerated Carbonation of Concrete” Texas State University, TX.

3. **Lokhande, K.**, Jangir, H., Sheikh, A., and Dubey, R. (2016) “Effect of Alccofine on the Strength of Concrete” Report submitted to the Universal College of Engineering, MH India.

6. Book Reviews: None

7. Essays: None

8. Poems: None

9. Short Stories: None

10. Other Works in Print: None

B. Works Not in Print:

1. Papers Presented at Professional Meetings: None

2. Invited Talks, Lectures, and Presentations: None

3. Consultancies: None

4. Workshops: None

5. Other Works not in Print:

a. Works "submitted" or "under review": None

b. Works "in progress": None

c. Other Works Not in Print: None

C. Scholarly / Creative Grants and Contracts:

1. Funded External Grants and Contracts:
Robert L. Bowen Industry Residency Program, an industry-based faculty internship sponsored by the AGC Education and Research Foundation to provide construction jobsite field experience for construction educators. Summer 2026

2. Submitted, but not Funded, External Grants and Contracts: None

3. Funded Internal Grants and Contracts: None

4. Submitted, but not Funded, Internal Grants and Contracts: None

D. Scholarly / Creative Fellowships, Awards, Honors:

1. Bootcamp-II Business Plan Competition Runner-Up Winner 2023 for Innovation Driven Business Plan in Materials Science, Engineering, and Commercialization Program at Texas State University in May 2023.

E. Scholarly / Creative Professional Development Activities Attended: None

F. Media Recognition: None

IV. SERVICE

A. Institutional

1. University:
Attending Annual Graduation Commencement Ceremonies 2019- Present
Participating in BobCat Days 2025- Present

2. College: None
ASHRAE Student Chapter formation at Texas State University as Faculty Advisor 2025-2026

3. Department/School:
1. Support ACCE Accreditation 2020- Present
2. Support ABET Accreditation 2020- Present
3. Support Construction Advisory Board (CAB) Review 2020- Present
4. Member of CSM 3360/TECH 2351 Teaching Method Group 2023- Present
5. Committee Member for New Instructional Faculty Line Guideline & Policy for Department of Engineering Technology 2024-Present
6. Support Sigma Lambda Chi TXST Student Chapter 2024-Present
7. Support Engineering Technology Assistant Professor Search Committee 2024
8. Presented & Lead CSM- Commercial program to high school students at Hays CISD & TXST mini-Expo on 12/13/2024 at at HAYS CISD Performing Arts Center (PAC), 979 Kohlers Crossing, Kyle.
9. Effective Teaching Committee – Engineering Technology 2025- Present
10. Attend Construction Science & Management Program Meetings 2019- Present
11. Attend Department of Engineering Technology Annual Meetings 2019- Present

B. Professional: None

C. Community:
1. Fundraiser volunteer at “Southside Community Centre” in San Marcos for FALL 2018.

D. Organization Memberships:
1. Materials Science Engineering Commercialization (MSEC) Student Club 2024- Present
2. Materials Research Society (MRS) Student Chapter at TXST 2024- Present
3. Society of Plastics Engineers (SPE) TXST Chapter & South Texas 2024- Present
4. American Society of Civil Engineers (ASCE) TXST Chapter 2024-Present

E. Service Honors and Awards:
1. “Service Award” from the Department of Engineering Technology at Texas State University in Spring 2018

F. Service Grants and Contracts:
1. Funded External Service Grants and Contracts: None

2. Submitted, but not Funded, External Service Grants and Contracts: None

3. Funded Internal Service Grants and Contracts: None

4. Submitted, but not Funded, Internal Service Grants and Contracts: None

G. Service Professional Development Activities Attended:

Name of the Event	*Location*	*Date*
1. “Stop The Bleed” workshop: respond in an emergency, tourniquet application, wound packing, & airway management, which can be used for laboratory safety.	Texas State University	12/14/2022
2. Civilian Response for Active Shooter Events (CRASE) Training	Texas State University	11/14/2023
3. TXST Cyber Security Training	Online- TXST	02/07/2025
4. Preventing Harassment and Discrimination (EEO & Title IX)	Online- TXST	02/17/2025
5. Tools for Ethical Workplace (Ethics and Compliance)	Online- TXST	02/22/2025
6. Equal Employment Opportunity & Title IX	Online- TXST	03/15/2020
7. Hazard Communication	Online- TXST	03/15/2020
8. Reasonable Suspicion	Online - TXST	10/27/2025
9. TXSTATE AI Awareness	Online - TXST	08/24/2026

H. Others

Last Updated: Sept 2026