Texas State Vita

I. ACADEMIC/PROFESSIONAL BACKGROUND

A. Name: Krishna P Kisi Title: Assistant Professor

B. Educational Background

Degree	Year	University	Major	Thesis/Dissertation
Ph.D.	2015	University of Nebraska–Lincoln	Construction Engineering and Management	Estimation of Optimal Productivity in Labor-Intensive Construction Operations
M.S.	2010	University of Nevada, Las Vegas	Construction Management	High School Student Interests in Architecture, Construction, and Engineering Education
B.S.	2007	Tribhuvan University, Nepal	Civil Engineering	

C. University Experience

Position	University	Dates
Assistant Professor	Texas State University	August 2020 – present
Assistant Professor	Central Connecticut State University	August 2018 – August 2020
Assistant Professor	Missouri Western State University	August 2015 – July 2018
Research/Teaching Assistant	University of Nebraska-Lincoln	August 2011 – July 2015
Teaching Assistant	University of Nevada, Las Vegas	January 2009 – July 2010

D. Relevant Professional Experience

Position	Entity	Dates
Project Engineer	United Builders and Engineers Pvt. Ltd	2007 – 2008
Junior Engineer	Bhaktapur Municipality	2001 – 2003

E. Other Professional Credentials (Licensure, certification, etc)

Professional Engineer (PE) License granted by the Texas Board of Professional Engineers and Land Surveyors (2018 to Present)
Occupational Safety and Health Administration (OSHA) – 30 hour Outreach Training Course for the Construction Industry

II. TEACHING

A. Teaching Honors and Awards:

Capstone Advisor of the Year 2020 (Central Connecticut State University)

B. Courses Taught:

Texas State University

Undergraduate courses:

CSM 4369 – Construction Contracts, Liability, and Ethics

Graduate courses:

CSM 5302 – Construction Contracts

Central Connecticut State University

Undergraduate courses:

CM 135 Construction Graphics/Quantity Take-Off
CM 145 CAD and BIM Tools for Construction
CM 235 Building Construction Systems
CM 353 Introduction to Surveying
CM 405 Topics in Construction
CM 465 Construction Internship
CM 485 Construction Management Senior Lab

Missouri Western State University

Undergraduate courses:

CET 480 - Construction Planning and Scheduling
CET 454 - Construction Estimating
CET 360 - Construction Management
CET 256 - Bituminous, Concrete and Soils
CET 254 -Construction Methods and Equipment

Graduate courses:

EGT 690 – Research/Capstone Project
EGT 520 – Project and Process Management

Course Taught/Assisted as Teaching Assistant
CEM 270 Construction Engineering Mechanics (University of Nevada Las Vegas)
CIVE 378 Materials of Construction (University of Nebraska-Lincoln)
CNST 2520 Construction Materials and Test (University of Nebraska-Lincoln)
CIVE 378 Materials of Construction (University of Nebraska-Lincoln)
CEM 432/632 Temporary Construction Structures (University of Nevada Las Vegas)
CEM 451/651 Construction Estimating (University of Nevada Las Vegas)
CEM 351 Facilities System Design (University of Nevada Las Vegas)
CEM 150 Fundamentals of Construction Science (University of Nevada Las Vegas)

C. Graduate Theses/Dissertations or Exit Committees (if supervisor, please indicate)

Chair, Graduate Thesis Committee: Umar Khan, Graduate student, Manufacturing and Construction Management Department, Central Connecticut State University (Spring 2020)

Chair, Graduate Thesis Committee: Chandana Chereddy, Graduate student, Department of Engineering Technology, Missouri Western State University (Spring 2018).

Chair, Graduate Thesis Committee: Santosh Bhandari, Graduate student, Department of Engineering Technology, Missouri Western State University (Spring 2017).

D. Courses Prepared and Curriculum Development:

Texas State University:

Developed content for the CSM 4369 – Construction Contracts, Liability, and Ethics

E. Funded External Teaching Grants and Contracts:

F. Submitted, but not Funded, External Teaching Grants and Contracts:

G. Funded Internal Teaching Grants and Contracts:

Diversity Curriculum Development Grant 2020. "Women in Construction: Safety and Understanding the Construction Industry," Total Award $2900

Curriculum Development Grant (2019-2020). "Developing Game and Simulation-Based Learning Modules in Construction Management Curriculum." Total award: $8500

H. Submitted, but not Funded, Internal Teaching Grants and Contracts:

I. Other

Continuing Education:

Training Resources Applied to Mining Seminar, MSHA, Beaver, WV October 2019

American Council for Construction Education (ACCE) Annual Meeting, Philadelphia, PA July 2019

Accreditation Board for Engineering and Technology (ABET) Symposium, San Diego, CA April 2018

Civil/Construction Engineering Curriculum for New Generation Workshop, Montreal, CA June

III. SCHOLARLY/CREATIVE

A. Works in Print

1. Books (if not refereed, please indicate)

a. Scholarly Monographs:

b. Textbooks:

c. Edited Books:

d. Chapters in Books:

e. Creative Books:

2. Articles
a. Refereed Journal Articles:

Kisi, K.P., Kayastha, R., and Shrestha, P. P., (2020) "Investigation of Back Charges in Construction Contract: A Case Study of an Airport Project" *Journal of Legal Affairs and Dispute Resolution in Engineering and Construction.*

Kisi, K.P., Shrestha, J., and Kayastha, R., (2020) "Labor Shortage and Safety Issues in Post-earthquake building Construction: A Case Study" *Journal of Legal Affairs and Dispute Resolution in Engineering and Construction*

Kisi, K.P., Lee, N., Kayastha, R., and Kovel, J. (2019) "Alternative Dispute Resolution Practices in Nepalese Road Construction Contracts" *Journal of Legal Affairs and Dispute Resolution in Engineering and Construction*

Kisi, K.P., Mani, N., Rojas, E., and Foster E. (2018). "Estimation of optimal productivity in labor-intensive construction operations: Advanced study," *Journal of Construction Engineering and Management,* 144(10), 04018097

Mani, N., **Kisi, K.P**., Rojas, E., and Foster E. (2017). "Estimating labor productivity frontier: A pilot study," *Journal of Construction Engineering and Management,* 143(10), 04017077.

Kisi, K.P., Mani, N., Rojas, E., and Foster E. (2016). "Estimating optimal productivity in labor-intensive construction operations: A pilot study," *Journal of Construction Engineering and Management,* 143(3), 04016107

b. Non-refereed Articles:

3. Conference Proceedings
a. Refereed Conference Proceedings:

Kisi, K.P., Kayastha, R., Pradhananga, N., and Shrestha. J. (2020) "Factors Contributing Building Reconstruction and Renovation Challenges: A Case Study After April 2015 Gorkha Earthquake", *Construction Research Congress*, Tempe, Arizona, March 8-10, 2020

Rokooei, S., **Kisi, K**., and Shojaei, A., (2020) "Students' Perceptions on Mastering Construction Content in Different Educational Models", *Construction Research Congress*, Tempe, Arizona, March 8-10, 2020

Tafazzoli, M., **Kisi, K**., and Shrestha, K., (2020) "Investigating the Relative Importance Barriers to Sustainable Construction Related to Owners, Contractors, and Government", *Construction Research Congress*, Tempe, Arizona, March 8-10, 2020

Kisi, K.P., Mani, N., Lee, N., Shrestha, J. and Kayastha, R., (2019) "Opportunities and Challenges in Modular Construction in Developing Nations: A Case Study in Nepalese Construction Industry" *7th CSCE International Construction Specialty Conference*, Montreal, Canada, June 12-15, 2019

Kisi, K.P., Lee, N., Shrestha, K. and Bhandari, S., (2019) "Construction Industry Professionals' Perspective Towards Communication Technology and Education" *7th CSCE International Construction Specialty Conference*, Montreal, Canada, June 12-15, 2019

Mani, N., and **Kisi, K.P**., (2019) "Innovative Approach for Estimating Labor Productivity: A Case Study" *7th CSCE International Construction Specialty Conference,* Montreal, Canada, June 12-15, 2019

Lee, N., Kim, S., and **Kisi, K.P**., (2019) "A Statistical Analysis of the Effectiveness of Using 3D Models in Teaching Quantity Take-Off Process" *7th CSCE International Construction Specialty Conference,* Montreal, Canada, June 12-15, 2019

Kisi, K.P., Mani, N., Rojas, E., and Foster. T. (2018) "Optimal Labor Productivity: A Case Study of a Sheet Metal Bending Task," *Proc., Construction Research Congress*, New Orleans, Louisiana, April 2-5, 2018.

Mani, N., **Kisi, K.P**., Rojas, E., and Foster. T. (2018) "Multi-level Hierarchical Analysis for Productivity Frontier Estimation," *Proc., Construction Research Congress*, New Orleans, Louisiana, April 2-5, 2018.

Mani, N., **Kisi, K.P**., Rojas, E., and Foster. T. (2017) "Labor Productivity Frontier: A Case Study of Two Crews," *The Associated School of Construction 53rd Annual International Conference,* Seattle, Washington, April 5-8, 2017.

Kisi, K.P., Mani, N., Rojas, E., and Foster. T. (2016) "A Case Study on Estimating Optimal Productivity," *Proc., Construction Research Congress*, San Juan, Puerto Rico, May 31-June 2, 2016.

Mani, N., **Kisi, K.P**., Rojas, E., and Foster. T. (2016) "A Case Study on Estimating Labor Productivity Frontier," *The Associated School of Construction 52nd Annual International Conference*, Provo, Utah, April 13-16, 2016.

Kisi, K.P., Mani, N., and Rojas, E. (2014) "Estimating Optimal Labor Productivity: A Two-Prong Strategy," *Proc., Construction Research Congress*, Atlanta, Georgia, May 19-21, 2014.

Mani, N., **Kisi, K.P**., and Rojas, E. (2014) "Estimating Labor Productivity Frontier: A Pilot Study," *Proc., Construction Research Congress*, Atlanta, Georgia, May 19-21, 2014.

Kisi, K.P., Shields, D.R., and Shrestha, P. (2011) "Factors Influencing High School Students to Pursue a Construction Baccalaureate," *The 47th Associated School of Construction Annual International Conference*, Omaha, Nebraska, April 6-9, 2011.

Kisi, K.P., Shields, D.R., and Shrestha P. (2011) "Identifying Factors that Influence the High School Students' Choices to Pursue Architecture, Construction and Engineering Baccalaureates," *The 2nd International Conference on Education, Training and Informatics*, Florida, March 27-30, 2011.

Shields, D.R. and **Kisi, K.P**. (2011) "Factors Influencing High School Students to Pursue an Engineering Baccalaureate," *The 118th American Society of Engineering Education Annual Conference & Exposition*, Vancouver, Canada, June 26-29, 2011

b. Non-refereed:

4. Abstracts:
5. Reports:
6. Book Reviews:
   Construction Equipment Management
   Civil Engineering Project Management
7. Other Works in Print:

B. Works not in Print

1. Papers Presented at Professional Meetings:

Kisi, K.P., Mani, N., Lee, N., Shrestha, J. and Kayastha, R., (2019) "Opportunities and Challenges in Modular Construction in Developing Nations: A Case Study in Nepalese Construction Industry" *7th CSCE International Construction Specialty Conference,* Montreal, Canada, June 12-15, 2019

Kisi, K.P., Lee, N., Shrestha, K. and Bhandari, S., (2019) "Construction Industry Professionals' Perspective Towards Communication Technology and Education" *7th CSCE International Construction Specialty Conference,* Montreal, Canada, June 12-15, 2019

Lee, N., Kim, S., and **Kisi, K.P**., (2019) "A Statistical Analysis of the Effectiveness of Using 3D Models in Teaching Quantity Take-Off Process" *7th CSCE International Construction Specialty Conference,* Montreal, Canada, June 12-15, 2019

Mani, N., **Kisi, K.P**., Rojas, E., and Foster. T. (2017) "Labor Productivity Frontier: A Case Study of Two Crews," *The Associated School of Construction 53rd Annual International Conference,* Seattle, Washington on April 5-8, 2017

Kisi, K.P., Mani, N., Rojas, E., and Foster. T. (2016) "A Case Study on Estimating Optimal Productivity", *Construction Research Congress*, San Juan, Puerto Rico, May 31-June 2, 2016

Mani, N., **Kisi, K.P**., Rojas, E., and Foster. T. (2016) "A Case Study on Estimating Labor Productivity Frontier," *The Associated School of Construction 52nd Annual International Conference,* Provo, Utah, April 13-16, 2016

Kisi, K.P., Mani, N., and Rojas, E. (2014) "Estimating Optimal Labor productivity: A Two-Prong Strategy", *Construction Research Congress*, Atlanta, Georgia, May 19-21, 2014.

Kisi, K.P., Mani, N., and Rojas, E. (2014) "Estimating Optimal Labor Productivity: A Pilot Study", *The Durham School Ph.D. Symposium,* Omaha, Nebraska, March 13-16, 2014.

Kisi, K.P., Shields, D.R., and Shrestha, P. (2011) "Factors Influencing High School Students to Pursue a Construction Baccalaureate', *The 47th Associated School of Construction Annual International Conference*, Omaha, Nebraska, April 6-9, 2011

2. Invited Talks, Lectures, Presentations:
3. Consultancies:
4. Workshops:
5. Other

C. Grants and Contracts

1. Funded External Grants and Contracts:

- U.S. Department of Labor (2019-2020). "OSHA Susan Hardwood Targeted Topic Training Grant (Fall Prevention)". Total award: $141,379.00, Project Director

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

3. Funded Internal Grants and Contracts:

- Diversity Curriculum Development Grant 2020. "Women in Construction: Safety and Understanding the Construction Industry," Total Award $2900
- Curriculum Development Grant (2019-2020). "Developing Game and Simulation-Based Learning Modules in Construction Management Curriculum." Total award: $8500

- Faculty Development Grant (2018-2019). “Construction Institute Summit 2020 and Legal and Dispute Resolution Workshop”. Total award: $1935
- Faculty Development Grant (2018-2019). “Bluebeam Revu Instructor-Led Web Training”. Total award: $1395
- Faculty Development Grant (Spring 2018). “Travel to the 2018 ABET Symposium and Assessment Workshop”. Total award: $2540
- Faculty Development Grant (Spring 2017). “Attend the 53rd Associated School of Construction International Conference”. Total Award: $1300.
- Faculty Development Grant (Spring 2016). “Attend the 2016 Construction Research Congress Conference”. Total Award: $1000.
- Faculty Development Grant (Spring 2016). “Travel to the 52nd Associated School of Construction International Conference”. Total Award: $1300

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

- Faculty Research Grant (2019-2020). “3D Gaming Approach Using Simulation and Visualization in Construction Management Education” Proposed grant: $4950

D. Fellowships, Awards, Honors:

- Board of Regents Research Award 2020, Central Connecticut State University
- Capstone Advisor of the Year 2020, Central Connecticut State University
- Third Place Poster Award, “Estimating Optimal Labor productivity: A Two-Prong Strategy” *Construction Research Congress*, Atlanta, Georgia, 2014
- Outstanding Construction Management Thesis, University of Nevada, Las Vegas, 2010
- Jerry P. King Construction Management Scholarship, University of Nevada, Las Vegas, 2009 – 2010
- The Home Depot Trade Scholarship, 2009
- The College Fellowship Scholarship, Institute of Engineering, Tribhuvan University, Lalitpur, 2004 – 2007
- Dean’s list, Institute of Engineering, Tribhuvan University, Kathmandu, 2000

IV. SERVICE

A. University:

Co-faculty Advisor, Delta II chapter of Sigma Lambda Chi (CCSU)
Primary, Graduate Studies Committee, 2019,2020 (CCSU)
Instructor, TRiO ETS program for middle school students, summer 2019 (CCSU)
Volunteer, Graduate Open House (CCSU)
Volunteer, Undergraduate Open House (CCSU)
Participant, CM doctorate program concept paper (CCSU)
Member, Undergraduate Curriculum Committee, 2017-2018 (MWSU)
Faculty Advisor, Phi Beta Sigma Fraternity (MWSU)

Faculty participant, Multi-State Collaborative project managed by Missouri's Department of Higher Education (co-sponsored by State Higher Education Executive Officers Association (SHEEO) and Association of American Colleges and Universities (AAC&U))
Presenter, University Showcase Day (MWSU)

B. Departmental:

Chair, Construction Engineering Technology Curriculum Revision Committee, 2017-2018(MWSU)
Chair, Engineering Technology Scholarships Committee, 2017 (MWSU)
Proctor, American Institute of Constructors Examination (CCSU)
Academic Advisor, Construction Management Program (CCSU)
Faculty Member, Associated General Contractors (AGC) of MWSU Committee
Member of Faculty Search Committee – ET Department, 2017 (MWSU)
Member, Engineering Technology Advancement Committee of MWSU

C. Community:

Volunteer judge, Project Lead the Way (PLTW) – Kansas City Engineering Design Competition for high school STEM students

D. Professional:

Associate Member and Peer Reviewer, American Society of Civil Engineers
Reviewer, Associated Schools of Construction conference proceedings
Reviewer for Textbook "Construction Equipment Management"
Reviewer for Textbook "Civil Engineering Project Management"
Reviewer for Journal of Civil Engineering and Management
Reviewer for Journal of Legal Affairs and Dispute Resolution in Engineering and Construction
Reviewer for Journal of Construction Engineering and Management
Reviewer for International Journal of Engineering Research and Technology
Reviewer for the Associated School of Construction
Session Chair, Canadian Society of Civil Engineer 2019
Technical Session Moderator, Construction Research Congress, 2018
Technical Session Moderator, Associated School of Construction conference, 201
Advisor for the Engineering Students Group of Bhaktapur

E. Organizations

1. Honorary
2. Professional

Member, American Concrete Institute
Member, Design-Build Institute of America
Member, American Council for Construction Education accreditation

3. Other