Dr. Jaymeen Shah
Texas State University
Professor
Department of Information Systems & Analytics
McCoy College of Business
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Professional Positions

Tenured Professor, Department of Information Systems & Analytics, Texas State University. (September 2017 - Present).

Tenured Associate Professor, Department of Computer Information Systems & Quantitative Methods, Texas State University. (September 2006 - August 2017).

Assistant Professor, Department of Computer Information Systems & Quantitative Methods, Texas State University. (September 2002 - August 2006).

Assistant Professor, Department of Accounting, Finance & Information Systems, Prairie View A & M University. (September 1995 - August 2002).

Instructor, Department of Accounting & Information Systems, Prairie View A & M University. (September 1993 - August 1995).

Instructor, Cullen College of Engineering, University of Houston, Houston, TX. (January 1994 - May 1994).

Education

Ph.D., University of Houston, 1993.
Major: Industrial Engineering

M.S., University of Houston, 1990.
Major: Industrial Engineering

M.B.A., South Gujarat University, 1987.
Major: Operations Management

B.ENG., Sardar Patel University, 1983.
Major: Mechanical Engineering

Awards and Honors (2014 – Present)

Alpha Chi Favorite Professor, Alpha Chi Honor Society. (November 2025).

The Graduate College Outstanding Mentor Award, Texas State University. (October 2025).

Outstanding Graduate Faculty - Master of Science in Data Analytics & Information Systems - 2025, McCoy College of Business, Texas State University. (August 2024 - August 2025).

Alpha Chi Favorite Professor, Alpha Chi Honor Society. (November 2024).

Outstanding Graduate Faculty - Master of Science in Data Analytics & Information Systems - 2024, McCoy College of Business, Texas State University. (August 2023 - August 2024).

Presidential Distinction Award for Excellence in Service, Texas State University. (August 2023 - August 2024).

Texas State Faculty Transfer Champion, Texas State University - Transfer Center. (2023 - October 2023).

Alpha Chi Favorite Professor, Alpha Chi Honor Society. (November 2022).

Teaching Award of Honor, Texas State Alumni Association. (2020).

Alpha Chi Favorite Professor, Alpha Chi Honor Society. (November 2020).

Alpha Chi Favorite Professor, Alpha Chi Honor Society. (November 2019).

Presidential Distinction Award for Excellence in Teaching, Texas State University. (August 2018 - August 2019).

2018 Presidential Distinction Award for Excellence in Service, Texas State University. (August 2017 - August 2018).

2018 McCoy College Advisory Board Teaching Excellence Award, McCoy College of Business. (August 2017 - August 2018).

Alpha Chi Favorite Professor, Alpha Chi Honor Society. (November 2017).

Alpha Chi Favorite Professor, Alpha Chi Honor Society. (November 2016).

Faculty Development Grant, McCoy Faculty Development Fund. (October 2015).

Presidential Distinction Award for Excellence in Teaching. (April 2015).

Alpha Chi Favorite Professor, Alpha Chi Honor Society. (March 2014).

Publications (2014 – Present)

Kukde, R. D., Shah, J., & Chakraborty, A. (2025). Analyzing Diabetes-Related Hospitalizations: Trends and Insights from NIS 2016–2019 for Health Informatics Applications. *Healthcare and Medical Devices*, *171*. https://doi.org/10.54941/ahfe1006204

Kukde, R. D., Shah, J., & Chakraborty, A. (2025). Data-Driven Insights into Diabetes-Related Hospital Readmissions in the United States: Trends and Predictors. *Artificial Intelligence and Social Computing*, *163*. https://doi.org/10.54941/ahfe1006030

Chakraborty, A., & Shah, J. (2025). Assessing the Role of Socioeconomic Factors - Income, Education, Broadband Access, and Healthy Foods on Location-wise Disparities in COVID-19 Cases. *Archives of Public Health*, *83*(63), 1–18. https://doi.org/10.1186/s13690-025-01510-w

Kukde, R. D., Chakraborty, A., & Shah, J. (2024). A Systematic Review of Recent Studies on Hospital Readmissions of Patients with Diabetes. *Cureus*, *16*(6), e67513. https://doi.org/10.7759/cureus.67513

Lee, H., Zhang, P., & Shah, J. (2023). Health Information Exchange Adoption and Patient Satisfaction: The Mediating Role of Organizational Efficiency. *Journal of International Technology and Information Management*, *32*(1), 80–95. https://scholarworks.lib.csusb.edu/jitim/vol32/iss1/4

White, G., & Shah, J. (2022). Root Cause Analysis for Information Security Incidents: Pedagogical Requirement. *Journal of Information Systems Security*, *18*(1), 3–24.

White, G., & Shah, J. (2021). Root Cause Analysis Quality Model for Corporate Security Breaches. *Journal of Information Systems Security*, *17*(1), 3–30.

Haines, R., Scamell, R., & Shah, J. (2018). The Impact of Technology Availability and Structural Guidance on Group Development in Workgroups Using Computer-Mediated Communication. *Information Systems Management*, *35*(4), 348–368.

Long, J., & Shah, J. (2018). Engaging More Nurses in Cancer Preventive Care: Challenges and Opportunities. *Journal of Healthcare Management*, *63*(4), 261–268. https://doi.org/10.1097/JHM-D-16-00018

Shah, J., Lee, H., & Shah, V. (2017). Designing Models for Software as a Service in Cloud Computing. *International Journal of Information Systems in the Service Sector*, *9*(3), 1–16.

Shah, J., & Lee, H. (2015). Building Online Social Networks to Engage Female Students in Information Systems. *International Journal of Web-Based Learning and Teaching Technologies*, *10*(4), 33–51.

Lee, H., Shah, J., & Long, J. (2014). Using Document Indexers for Faceted Search in Dataspaces. *Journal of International Technology and Information Management*, *23*(3/4), 173–188.

Teaching Experience

McCoy College of Business, Texas State University

ISAN 5355	Database Management Systems
ISAN 5364	Data Warehousing
ISAN 4358	Network and Cloud Administration
ISAN 4332	Enterprise Resource Planning Systems
ISAN 3382	Computer Database Systems
ISAN 3380	Enterprise Information Technology and Business Intelligence
ISAN 3374	Systems Analysis and Design
ISAN 3348	Data Communications and Network Architecture
CIS 3389	Business Application Programming III
CIS 3325	Visual Programming II
CIS 2389	Business Application Programming II
CIS 2324	Visual Programming I

College of Business, Prairie View A&M University

ADSY 4513	Advanced Information Systems
ADSY 4503	Expert Systems
ADSY 4463	Advanced Programming Methods
ADSY 4433	Distributed Systems
ADSY 3423	Information Systems Analysis and Design
ADSY 3413	Data Files and Databases
ADSY 3323	Data Communications
ADSY 2153	Structured Programming (Visual Basic and COBOL)
ADSY 2123	Information Systems Applications
ADSY 1013	Introduction to Computer Information Systems
MGMT 3013	Business Statistics

College of Engineering, University of Houston

INDE 2331	Engineering Analysis and Computation II
INDE 1331	Engineering Analysis and Computation I

Graduate Thesis and Exit Examination Committees

MSDAIS Exit Examination Coordinator for the Department of Information Systems and Analytics (2019 – Present)

MSAIT Exit Examination Coordinator for the Department of Computer Information Systems and Quantitative Methods (2010 – 2017)

MS Thesis Committee Co-Chair, Texas State University

- Vagisha Barot (Present)
- Ruchi Kukde (Summer 2023)

MS Thesis Committee Member, Texas State University

- Kimia Zandbiglari (MS Thesis Chair – Dr. Farhad Ameri; Summer 2021)
- Ramin Sabbagh (MS Thesis Chair – Dr. Farhad Ameri; Summer 2017)
- Peyman Yazdizadeh Shotorbani (MS Thesis Chair – Dr. Farhad Ameri; Summer 2016)
- Alolika Mukhopadhyay (MS Thesis Chair – Dr. Farhad Ameri; Summer 2015)

Member of the Comprehensive Examination Committee, Texas State University

- Mr. Peyman Yazdizadeh Shotorbani (Department of Engineering Technology, Spring 2016)
- Ms. Alolika Mukhopadhyay (Department of Engineering Technology, Summer 2015)
- Ms. Maedeh Dabbaghianamiri (Department of Engineering Technology, Fall 2014)
- Ms. Xuesong Yang (Department of Engineering Technology, Spring 2014)