

SASAN T KHORASANI

Ad Interim Assistant Professor
Dept. Engineering and Technology
College of Science and Engineering
Texas A&M Commerce

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EDUCATION

- **Doctor of Philosophy**

Department of Industrial Engineering, Texas Tech University, Lubbock, TX, USA, 2020
PhD Program: “Industrial Engineering”
Dissertation: An Inventory Policy Model for Intravenous Fluids with Reassignment

- **Master of Science**

Department of Management, Economics and Industrial Engineering, Politecnico di Milano, Milan, Italy, 2012
MSc Program: “Management Engineering”
Thesis: Design-Driven Integrated-Comprehensive Model CDFS Strategic Relationships

- **Bachelor of Science**

Industrial Engineering Department, Azad University Tehran South Branch, Tehran, Iran, 2009
BSc Program: “Industrial Engineering Majored Manufacturing”

PROFESSIONAL APPOINTMENTS

- **Ad Interim Assistant Professor of Industrial Engineering**

Texas A&M University-Commerce, Department of Engineering and Technology
Teaching Four Industrial Engineering Undergraduate Courses, 2020

PRIZES AND AWARDS

- **Texas Tech University Fellowship**

Graduate Part-time Instructor Fellowship, College of Engineering, 2015-2019
Doctorate TA Scholarship, College of Engineering, 2014-2018
Industrial Engineering Scholarship Endowment, 2014-2015

- **Teaching Excellence Award**

Helen DeVitt Jones Excellence in Graduate Teaching Award, 2018

- **Institute of Industrial and System Engineers: Society for Engineers and Management(SEMS): Student Paper, 2015**

Competition **Winners** of Student Paper(**First Place**) “Social Media: A platform for Innovation”

RESEARCH INTERESTS

- Supply Chain Management
- Healthcare Systems Engineering
- Lean Systems Philosophy of Management
- Quality Management
- Engineering Economic Analysis

RESEARCH EXPERIENCE AND PROJECTS

- An Inventory Policy Model for Intravenous Fluids with Reassignment, 2020
- Lean System Observation in Hospital, UMC, 2017
- Risk and Financial Models for Population Health , 2015
- Design-Driven Integrated-Comprehensive Model CDFS Strategic Relationships, 2012
- Feasibility Study of Patient Monitors, 2008

TEACHING IN HIGHER EDUCATION

- **Assistant Professor**
Department of Engineering and Technology, Texas A&M University-Commerce
- Manufacturing Support Systems, 2020
- Human Factors Engineering, 2020
- Industrial Operations Research, 2020
- Advanced Engineering Statistics, 2020
- **Graduate Instructor**
Department of Industrial Engineering, Texas Tech University
- Engineering Economic Analysis, 2015-2019
- **Teaching Assistant**
Department of Industrial Engineering, Texas Tech University
- Manufacturing Facilities Planning and Design, 2019 Engineering Design in Production Operations, 2019
- Engineering Data Analysis, 2015
- Engineering Design in Production Operations, 2014

1. **Khorasani, S. T.**, Cross, A.J., Maghazei, O.,(2020). Lean supply chain management in healthcare: a systematic review and meta-study. *International Journal of Lean Six Sigma*, 11(1), 1-34.
2. **Khorasani, S. T.**, Keshtzari, M., Islam, M. S., Feizi, R. (2018). Intravenous fluid delivery time improvement: application of cross-docking system. *International journal of health care quality assurance*, 31(8), 1070-1081.
3. **Khorasani, S. T.**, (2018). A robust optimization model for supply chain in agile and flexible mode based on variables of uncertainty. *Global Journal of Flexible Systems Management*, 19(3), 239-253.
4. **Khorasani, S. T.**, (2018). Green Supplier Evaluation by Using the Integrated Fuzzy AHP Model and Fuzzy Copras. *Process Integration and Optimization for Sustainability*, 2(1) , 17-25.
5. Mohammadi, M., Noorollahi, Y., Mohammadi-ivatloo, B., Hosseinzadeh, M., Yousefi, H., **Khorasani, S. T.** (2018). Optimal management of energy hubs and smart energy hubs–A review. *Renewable and Sustainable Energy Reviews*, 89, 33-50.
6. **Khorasani, S. T.**, Almasifard, M. (2018) The development of a green supply chain dual-objective facility by considering different levels of uncertainty. *Journal of Industrial Engineering International*, 14(3), 593-602.
7. **Khorasani, S.T.**, Feizi, R., Tohidi, H. The effect of poka-yoke implementation on intravenous medication error in hospital inpatient pharmacy,2018 IISE Annual Conference and Expo 2018
8. **Khorasani, S. T.**, Almasifard, M. (2017). Evolution of Management Theory within 20 Century: A Systemic Overview of Paradigm Shifts in Management. *International Review of Management and Marketing*, 7(3), 134-137.
9. **Khorasani, S. T.**, Cross, J., Feizi, R., Islam, M. S. (2017, May). Application of Lean Tools in Medication Ordering Systems for Hospital. In IIE Annual Conference. Proceedings (pp. 1145-1150). Institute of Industrial and Systems Engineers (IISE).
10. Dissanayake, C. K., Cross,J. A., and **Torabzadehkhorasani, S.** (2017, May). Application of DEA vs. PLSPM in Organizational Performance Measurement. In IIE Annual Conference. Proceedings (pp. 31-36). Institute of Industrial and Systems Engineers (IISE).
11. **Khorasani, S. T.**, Maghazei, O., and Cross, J. A. (2015, January). A STRUCTURED REVIEW OF LEAN SUPPLY CHAIN MANAGEMENT IN HEALTH CARE. In Proceedings of the International Annual Conference of the American Society for Engineering Management. (p. 1). American Society for Engineering Management (ASEM).
12. Asio, S. M., and **Khorasani, S. T.** (2015, January). Social Media: A Platform for Innovation. In IIE Annual Conference. Proceedings (p. 1496). Institute of Industrial and Systems Engineers (IISE).
13. **Khorasani, S. T.** (2014, August). Design-Driven Integrated-Comprehensive Model CDFS Strategic Relationships. In ASME 2014 International Design Engineering Technical Conferences and Computers and Information in Engineering Conference (pp. V004T06A020-V004T06A020). American Society of Mechanical Engineers.

CONFERENCE PRESENTATION

1. An Inventory Policy Model for Intravenous Fluids, Sasan Khorasani , Milton Louis Smith , Jennifer Cross, Informs Annual Meeting, November 3-7, 2018
2. An improved mathematical model for truck scheduling in cross-docking problems with a dock repeat truck holding pattern, Keshtzari, M., Khorasani, S., Informs Annual Meeting, October 22-25, 2017.
3. Application of DEA vs. PLSPM in Organizational Performance Measurement, Proceedings of the 2017 Industrial and Systems Engineering Conference, K. Coperich, E. Cudney, H. Nembhard, eds.
4. A Structured Review Of Lean Supply Chain Management in Health Care Conference of the American Society for Engineering Management, 2015
5. Design-Driven Integrated-Comprehensive Model CDFS Strategic Relationships, 2014 International Design Engineering Technical Conferences and Computers and Information in Engineering Conference

PAPER REVIEW

1. Reviewer, Process Integration and Optimization for Sustainability, September 2018 - Present
2. Reviewer, Operations Management Research, August 2018 - Present
3. Reviewer, International Conference on Mechanical, Electric and Industrial Engineering, April 2018 - Present
4. Reviewer, Institute of Industrial and Systems Engineers, January 2018 - Present
5. Reviewer, American Society of Engineering Management, June 2015 - Present
6. Reviewer, Journal of Industrial Engineering International, Springer, October 2013 - Present

INDUSTRIAL WORK EXPERIENCE

1. **Sales and Project Manager** – Bema Etikettier technik, Stuttgart Germany, 2012
2. **Project Management Internship** – TALIYA Telecommunication. – Tehran, Iran, 2008
3. **Inventory Control Expert** – SKYTECH Co. Tehran, Iran, 2006-2008

TRAINING

1. Industrial Engineering Training Shenzhen China, 2008

PROFESSIONAL MEMBERSHIP

- Institute of Industrial and System Engineers(IISE)
- American Society for Engineering Management(ASEM)
- The American Society of Mechanical Engineers(ASME)
- American Production and Inventory Control Society(APICS)
- The Institute for Operations Research and the Management Sciences(INFORMS)
- Decision Sciences Institute(DSI)
- Member of Researchgate
- Member of ESTIEM European Students of Industrial Engineering and Management
- Member of EurOMA -European Operations Management Association

TECHNICAL SKILLS

- Microsoft Office
- Ms Project
- Primavera 6
- SPSS, Minitab
- Microsoft Visio
- Solid
- SAS
- Programming Languages/Scientific Languages: MATLAB
- Modeling and Simulation Tools: ARENA Simulation
- Computer Aided Manufacturing: AutoCAD
- Operating Systems: Microsoft Windows, Apple Mac OS X, Linux

LANGUAGES

- English: Fluent, Ielts 7
- German: Fluent Test DAF TDN 3 B2 ÖSD Österreich Oberstufe DEUTSCH C1 (B1)
- Italian: Fluent B2
- Persian: Native Speaker