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EDUCATION

- Texas A&M University**, College Station, TX **2014**
Ph.D., Zachry Department of Civil Engineering, Construction Engineering and Management
Dissertation Title: "Automated and Optimized Project Scheduling Using BIM," GPA 4.0 (Cit. # 2)
Advisors: Dr. Reinschmidt, K. F. and Dr. Kang, J.
- University of Tehran**, Tehran, Iran **2006**
M.Sc., Construction and Project Management
Thesis Title: "Virtual Management in Construction Projects," GPA: 3.94
Advisors: Dr. Saghafi, M. J. and Engr. Taghizadeh, E.
- University of Tehran**, Tehran, Iran **2003**
B.Sc., Civil Engineering

RELEVANT WORK EXPERIENCE

Higher Education

- Prairie View A&M University**, Prairie View, TX *Sep. 2019-pr.*
Assistant Professor *Jan. 2020-pr.*
- Teaching seven courses in the School of Architecture, Construction Science
Building Information Modeling, Construction Project Control, Construction Delivery Systems, Scheduling and Mobilization, Managing Construction Operations, Construction Estimating, and Commercial Construction
- Adjunct Faculty* *Sep. 2019- Jan. 2020*
- Taught two courses in the School of Architecture, Construction Science
Scheduling and Mobilization, Managing Construction Operations
- Texas A&M University**, College Station, TX *Jan. 2016-Aug. 2020*
Lecturer
- Taught the core course of the Engineering Project Management Certificate
Project Management for Engineers (graduate level)
 - Taught two core courses of Minor in Engineering Project Management
Project Management for Engineers (undergraduate level) & Seminar Series in Engineering Project Management
 - Taught one civil engineering course in construction project management
Civil Engineering Project Management
- Amirkabir University of Technology**, Tehran, Iran *Jan. 2015-16*
Adjunct Faculty
- Taught three courses for two different departments: Civil Engineering and Management
Project Risk Management, Construction Modeling Methods, and Advanced Project Planning, Scheduling, and Control

Industry & Consulting

- Austin Bridge & Road - Austin Industries**, Irving, TX *2020-pr.*
Technical Consultant & Developer
- Developing an online Risk Assessment Management Plan (RAMP)
- Iran Power Development Company**, Tehran, Iran *2006-10*
Planning Expert
- Planned and monitored the progress of the Tabas coal power plant project

- Planned and monitored the progress of seven power plants' fuel tank extension projects

Iran University of Science and Technology, Tehran, Iran

2008-10

Consultant

- Consulted for their first virtual workshops and a web-based banking development project.

RESEARCH INTERESTS

Building Information Model	Decision Making Systems	Construction 4.0
Artificial Intelligence	Virtual and Augmented Reality	Automation and Robotics
Big Data Analysis	Internet of Things	Blockchain in Construction

BOOK/CHAPTER PUBLICATIONS

Published:	Citation No.
[1] Faghihi, V. (2022). Program Management in Oil and Gas. In <i>Nouri, M. and Lucke, E. (Eds.), Life Cycle of a Process Plant</i> (Ch. 11, pp. 205-234). Elsevier. DOI: 10.1016/B978-0-12-813598-3.00012-4	8

PEER-REVIEWED JOURNAL PUBLICATIONS

Total Citations: 456, h-index: 9, i10-index: 9

Published:	Q	Cit.#	5y IF
[12] Jadidoleslamia, S.; Azizi, M.; Faghihi, V. (2023) "A Scoping Review of Literature Review Practices in Construction and Project Management Research," <i>Journal of Structural and Construction Engineering</i> , (under publication), DOI: 10.22065/jsce.2023.405448.3166 (in Persian)	-	-	2.05
[11] Shoraka, M.; Eshtehardian, E.; Faghihi, V. ; and Azizi, M. (2023) "Feasibility Study of Using Virtual Reality with Emphasis on Reducing the Cost of Finishing in Residential Projects (Case study: Construction projects in Districts 1 to 3 of Tehran)," <i>Journal of Structural and Construction Engineering</i> , 10(1), pp. 25-42, DOI: 10.22065/JSCE.2022.302482.2556 (in Persian)	-	-	2.05
[10] Sadeghi, N. and Faghihi, V. (2022). "BIM-based Energy Performance Evaluation of Building Envelope." <i>Journal of Green Building</i> , 17(3) pp. 227-258, DOI: 10.3992/jgb.17.3.227	3	1	0.906
[9] Laali, A.; Nourzad, S.H.H.; Faghihi, V. (2022) "Optimizing Sustainability Performance of Infrastructure Projects Through the Integration of BIM and Envision at the Design Stage," <i>Sustainable Cities and Society</i> , 84(September), 104013, DOI: 10.1016/j.scs.2022.104013	1	10	7.587
[8] Faghihi, V.* ; Peimankar, P.; Nazarpour, M.T.; Shafaat, A. (2022) "Effects of Contractual Challenges in Building Information Modelling for Successful Implementation." <i>Journal of Legal Affairs and Dispute Resolution in Engineering and Construction</i> , DOI: 10.1061/(ASCE)LA.1943-4170.0000554	2	-	2.543
[7] Faghihi, V.* ; Kim, A.; and Ford, D.N. (2022) "Designing Sustainability Program to Avoid and Escape the Capability Trap." <i>Journal of Simulation</i> , pp.1-17, DOI: 10.1080/17477778.2022.2075804	3	1	1.486
[6] Hessami, A.R.; Faghihi, V. ; Kim, A.; and Ford, D.N. (2020). "Evaluating Planning Strategies for Prioritizing Projects in Sustainability Improvement Programs," <i>Construction Management and Economics</i> , 38(8), pp. 726-738, DOI: 10.1080/01446193.2019.1608369	1	17	3.433
[5] Faghihi, V.* ; Reinschmidt, K.F.; and Kang, J. (2016). "Objective-driven and Pareto Front Analysis: Optimizing Time, Cost, and Job-site Movements," <i>Automation in</i>	1	32	7.700

Construction, Volume 69, Sep. 2016, pp. 79-88, ISSN 0926-5805, DOI: 10.1016/j.autcon.2016.06.003

- [4] **Faghihi, V.***; Nejat, A.; Reinschmidt, K.F.; and Kang, J. (2015). "Automation in Construction Scheduling: A Review of the Literature," *International Journal of Advanced Manufacturing Tech.*, Dec. 2015, 81(9), pp. 1845-1856, DOI: 10.1007/s00170-015-7339-0 1 103 3.226
- [3] **Faghihi, V.***; Hessami, A.R.; and Ford, D.N. (2015). "Sustainable Campus Improvement Program Design using Energy Efficiency and Conservation," *Journal of Cleaner Production*, Vol. 107, Nov. 2015, pp. 400-409, ISSN 0959-6526, DOI: 10.1016/j.jclepro.2014.12.040 1 102 9.297
- [2] **Faghihi, V.***; Reinschmidt, K.F.; and Kang, J. (2014). "Construction Scheduling Using Genetic Algorithm Based on Building Information Model," *Expert Systems with Applications*, 41(16), pp. 7565-7578, DOI: 10.1016/j.eswa.2014.05.047 1 132 6.954
- [1] Damnjanovic, I.; **Faghihi, V.**; Scott, C.; McTigue, E.; and Reinschmidt, K. (2013). "Educational Prediction Markets: A Construction Project Management Case Study," *Journal of Professional Issues in Engineering Education and Practice*, 139(2), pp. 134-138, DOI: 10.1061/(ASCE)EI.1943-5541.0000127 2 10 1.454

Submitted & Under Review:

5y IF

- Shihman, A.; **Faghihi, V.***, Gholipour, Y. (2023?). "A Comparative Analysis of Effective Health, Safety, and Environment (HSE) Factors in Building Projects in Different Countries," *Analytic Methods in Accident Research* 12.900
- RezaAli, M.; Ostovari, A. ; **Faghihi, V.**; Nourzad, S.H.H. (2023?) "Artificial Intelligence in Project Management: Systematic Literature Review and Bibliometric Analysis," *Applied Soft Computing Journal* 8.700
- Azizi, M.; Taheripour, S.; Saber, K.; **Faghihi, V.** (2023?). "Cost-Benefit Analysis of Building Information Modeling Implementation in Construction Projects: Evidence from Iran," *Journal of Engineering, Design, and Technology* 1.800
- Taheripour, S.; Azizi, M.; Eshtehatdian, E.; **Faghihi, V.** (2023?) "Adoption of Building Information Modeling in Iranian Construction Companies, Based on the Effect of National Culture Dimensions (a Set Theory Approach)," *Australian Journal of Management* 3.229

Under Preparation:

- Laali, A.; Nourzad, S. H. H.; **Faghihi, V.** (202?) "A Framework for Sustainability Optimization at the Design Stage of Infrastructure Projects"

GRANTS & PROPOSALS

Awarded:

- National Center for Infrastructure Transformation (NCIT), University Transportation Center (UTC) Program, *US Department of Transportation* 2023-pre.
PI, in collaboration with COE PVAMU on "Adopting Construction 4.0 Concepts to Enhance Execution and O&M Phases of Transportation Infrastructure Projects" <https://rip.trb.org/View/2244363> (\$496.6K: 50% Fed. + 50% Cost-sharing funds)
- Panther Research and Innovation for Scholarly Excellence (PRISE) Grant, *PVAMU* 2022-23
PI, in collaboration with TAMU on "Investigating the Effectiveness of Prediction Markets in Teaching Project Risks" (\$20K)
- VPRI RAPID Grant Program-Research Track, *Prairie View A&M University* 2022-23
PI, summer salary coverage to focus on grant proposal writing (\$5K)

Submitted:

- DUE - IUSE- Engaged Student Learning: Level II, *National Science Foundation* 2024-27

- PI, in collaboration with CONS TAMU on “Transformation of Undergraduate Education in Construction Science Through Serious Simulation Games” (Total \$500K, with SOA-PVAMU funding portion of \$60K)
- National Center for Infrastructure Transformation (NCIT), University Transportation Center (UTC) Program, *US Department of Transportation* 2023
- PI, in collaboration with CVEN TAMU on “Investigating the Effectiveness of Prediction Markets for Construction Risks” (Total \$240K, with SOA-PVAMU funding portion of \$120K)
- DUE - IUSE- Engaged Student Learning: Level II, *National Science Foundation* 2022-25
- Co-PI, in collaboration with Pennsylvania State University and TAMU on “Collaborative Research: Developing Foundational Knowledge and Competencies for Training Future Construction Workforce to Work Alongside Robots” (with SOA-PVAMU funding portion of \$7.5K)
- RC-1: Improving Construction Cost and Schedule Outcomes, *US Department of Energy* 2022-25
- Senior Researcher, in collaboration with TAMU on “Integrated Processes, Methods and Technologies to Improve Construction Cost and Schedule Outcomes of Nuclear Power Projects” (Total \$650K, with SOA-PVAMU funding portion of \$60K)

Under Preparation:

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- DUE - IUSE- Engaged Student Learning: Level I, *National Science Foundation* 2023?
- Collaborator, in collaboration with Pennsylvania State University on “Investigating the Impact of an Immersive Virtual Reality-based Learning Environment for Learning Human-Robot Collaboration in Construction Robotics Education.”
- HBCU-EiR, *National Science Foundation* 2023?
- PI, in collaboration with SUNY, on “Effects of Trust-based Procurement Management on Construction Management.”

Not Awarded:

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- Title III Grant Program, *Prairie View A&M University* 2022
- PI, in collaboration with SUNY on “Prairie View Advanced Construction Technology (PV-ACT).”
- The Challenge, *A Joint Call by the CISTC and the INIF* 2023
- PI, in collaboration with CEM UT on “Construction Education and Research VR/AR Lab” (Total 8B IRR~\$16K)

SELECTED AWARDS, HONORS, & CERTIFICATES

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- TAMUS Teaching with Artificial Intelligence, *Sponsored by Council on Academic Technology and Innovative Education (CATIE) in partnership with Auburn University and in collaboration with the A&M System Office of Academic Affairs.* 2023-24
- Rated as the Best Presenter at the 5th International Conference on BIM (*voted by the audience*) 2023
- Faculty of the Year for Excellence in Construction Science (*elected by the students*) *School of Architecture, Prairie View A&M University* 2021-22
- Quality Matters Certificates (CONS3353, CONS4375, CONS3301, CONS4374, CONS4355, & CONS4377), *PVAMU & QM®* 2021-22
- Effective Online Teaching Practices, *Prairie View A&M University, ACUE, & ACE* 2021
- Introduction to Teaching Online (ITO), *Prairie View A&M University* 2020
- Improving Your Online Course (IYOC), *Quality Matters & Texas A&M University* 2019
- Instructional Technology Certificate Program (ITCP), *Texas A&M University* 2019
- Recognized Reviewer, *Tunnelling and Underground Space Technology, Elsevier* 2018
- Recognized Reviewer, *Expert Systems with Applications, Elsevier* 2016
- Outstanding Reviewer, *Automation in Construction, Elsevier* 2015
- Second Place among Graduate Researchers, Engineering and Architecture (Oral Pres.), *Student Research Week, Texas A&M University* 2014
- Chevron Graduate Fellowship in Engineering Project Management, *Chevron Corporation* 2011-14
- Peter C. Forster Fellowship in Civil Eng., *Zachry Dept. of Civil Eng., Texas A&M University* 2010-14
- Williams Brothers Construction Fellowship in Civil Eng., *Zachry Dept. of Civil Eng., TAMU* 2012-13

Competitive Graduate Scholarship, <i>Texas A&M University</i>	2010-13
Superior Researcher among 500+ Employees, <i>Iran Power Development Company (IPDC)</i>	2010
Entitled Special Expert, <i>Iran Power Development Company (IPDC)</i>	2007
Entitled Exceptionally Talented Graduate Student, <i>Iranian Cabinet Award</i>	2004
Ranked 2 nd among 2200+ Competitors for Project Mgmt. M.Sc., <i>Iranian Nat'l Entrance Exam</i>	2003

TEACHING EXPERIENCE

Prairie View A&M University, Prairie View, TX 2019-pr.

Instructor of Record

Commercial Construction, *School of Architecture, Construction Science* 2022-pr.

By the end of this course, students can analyze a commercial construction project from start to finish; make use of the latest technology, laws, and regulations in commercial construction; assess the importance of commercial construction project risk and quality management; and summarize the project control process and its benefits in commercial construction projects.

Construction Estimating, *School of Architecture, Construction Science* 2020-pr.

By the end of this course, students can understand basic estimating calculations, spreadsheets, and general requirements; adjust RSMean data to account for local labor rates, overtime, markups, and more; estimate material costs for concrete, masonry, metals, wood, and plastics; analyze costs for structural elements, finishes, mechanical systems, and groundwork; integrate equipment, assemblies, depreciation, and more into a complete estimate.

Construction Delivery Systems, *School of Architecture, Construction Science* 2020-pr.

By the end of this course, students can define the project life cycle and why it's important to choose delivery methods; compare & contrast between different key parties in project delivery; summarize different construction delivery methods that are being used in the industry; apply the course content to different cases by utilizing course case studies.

Construction Project Controls, *School of Architecture, Construction Science* 2020-pr.

By the end of this course, students can integrate the schedule and budget; calculate and analyze progress; analyze and report variances in schedule and cost; recognize trends and forecasting performance; perform acceleration and schedule compression; conduct resource and risk management.

Building Information Model for Construction, *School of Architecture, Construction Science* 2020-pr.

By the end of this course, students can learn and get familiar with core technologies and important software for BIM; explain how data exchange and collaboration takes place using BIM in the construction industry; contrast and classify different applications of BIM for owners and facility managers, architects and engineers, contractors, and subcontractors and fabricators; prepare a basic set of architectural construction documents for a project with emphasis on plans, elevations, and sections; analyze and inspect different applications of BIM in construction project management via comprehensive studies; build and construct constructability reports available through using BIM.

Scheduling and Mobilization, *School of Architecture, Construction Science* 2019-pr.

By the end of this course, the students will be able to apply critical thinking to issues in construction scheduling by providing a real-world glimpse of the realities of this complex function; master the myriad duties under the scheduling umbrella; learn the cutting-edge methods that keep a project on track; explore the software and BIM that coordinate stakeholders; practice scheduling risk management, lean scheduling, and sustainability.

Managing Construction Operations, *School of Architecture, Construction Science* 2019-pr.

By the end of this course, students can define systems and relate them to projects; list and define all the main steps from an idea of a project to select the best contractor; outline and explain important segments of the project master plan; build and develop main sections of project plan such as schedule, cost, quality, and risk; take part in teamwork to survey and inspect how real projects are managed and compare their practices with project management standard, PMBoK; evaluate project progress using Earn Value Management System and estimate new completion date and budget for any given project; compile all the

course material to construct project master plan for a real on-campus project that they were involved or familiar.

Texas A&M University, College Station, TX

2016-20

Instructor of Record

Project Management for Engineers (Graduate Level), *College of Engineering* 2019-20

As an online course, students learn how to build and develop main sections of the project plan such as schedule, cost, quality, and risk and make use of EVMS to check the project status, with an in-depth discussion on NPV, B/C, and IRR analysis. Ultimately, they compile all the course content to construct a project master plan for a real on-campus project of their choice, all using online collaborative tools.

Project Management for Engineers, *College of Engineering* 2016-20

By the end of this course, students can build and develop the main sections of a project plan such as schedule, cost, quality, and risk, as well as make use of EVMS to check the project status. Ultimately, they compile all the course material to construct a project master plan for a real on-campus project of their choice.

Seminar Series in Engineering Project Management, *College of Engineering* 2017-20

This course comes right after "Project Management for Engineers" as the second core course of the minor. Students will get in touch with weekly guest speakers from the industry who are successful in their project management careers, sharing their first-hand experience with soon-to-graduate students.

Civil Engineering Project Management, *Zachry Department of Civil Engineering* 2016

This course is similar to "Project Management for Engineers" but is specifically designed for civil engineering students, with applicable construction project examples and contents.

Guest Lecturer or TA

Advanced Construction Visualization (Guest Lecturer for Dr. Kang), *Dept. of Const. Science* 2014

Project Risk Management (TA of Dr. Reinschmidt), *Zachry Department of Civil Engineering* 2012-13

Methods Improvement for Construction Managers (TA of Dr. Reinschmidt), *Dept. of Civil Eng.* 2012-13

Project Management for Engineers (TA of Dr. Reinschmidt), *Dept. of Civil Eng.* 2011-13

Construction Graphics (Guest Lecturer for Dr. Carlson), *Dept. of Const. Science* 2012

Amirkabir University of Technology, Tehran, Iran

Instructor of Record

Project Risk Management, *Dept. of Civil and Environmental Engineering* 2015

This course covers all the steps toward comprehensive project risk management (risk identification, risk assessment, ranking, risk response planning, & tracking and controlling of the risks), with both qualitative & quantitative analysis.

Construction Modeling Methods, *Dept. of Civil and Environmental Engineering* 2015

In this course, students learn to demonstrate how Building Information Modeling can help the entire project life cycle through both lecture and hands-on sessions. Ultimately, they can create a BIM of a residential building in Revit® and embed the model with a construction schedule via Navisworks® to generate a 4D sequence of the work.

Advanced Project Planning, Scheduling, and Control, *Dept. of Management, Sci. & Tech.* 2015

In this course, students can relate different aspects of project planning and scheduling with software applications through both lecture and hands-on sessions until they can finally develop their own time, cost, and resource-loaded project schedule and modify it by resource leveling to make it more practical.

COURSE DEVELOPMENT

Certification

Quality Matters QM® - Higher Education

PVAMU: CONS4377 - Construction Project Control

August 2022

Fully improved the course experience to meet all the set of eight General Standards and 42 Specific Review Standards used to evaluate the design of online and blended courses with 98% satisfactory scores in the first review round. This course became the sixth course across Prairie View A&M University to receive this certification.

PVAMU: CONS4355 – Construction Delivery Systems July 2022

Fully improved the course experience to meet all the set of eight General Standards and 42 Specific Review Standards used to evaluate the design of online and blended courses with 94% satisfactory scores in the first review round. This course became the fifth course across Prairie View A&M University to receive this certification.

PVAMU: CONS3353 – Managing Construction Operations: June 2022

Fully improved the course experience to meet all the set of eight General Standards and 42 Specific Review Standards used to evaluate the design of online and blended courses with 100% satisfactory scores in the first review round. This course became the fourth course across Prairie View A&M University to receive this certification.

PVAMU: CONS4375 - Scheduling and Mobilization: May 2022

Fully improved the course experience to meet all the set of eight General Standards and 42 Specific Review Standards used to evaluate the design of online and blended courses with 100% satisfactory scores (92% first round). This course became the third course across Prairie View A&M University to receive this certification.

PVAMU: CONS3301 - Construction Estimating: Mar. 2022

Fully improved the course experience to meet all the set of eight General Standards and 42 Specific Review Standards used to evaluate the design of online and blended courses with 97% satisfactory scores in the first review round. This course became the second course across Prairie View A&M University to receive this certification.

PVAMU: CONS4373 - Building Information Modeling: Nov. 2021

Fully improved the course experience to meet all the set of eight General Standards and 42 Specific Review Standards used to evaluate the design of online and blended courses with 100% satisfactory scores (85% first round). This course became the first course across Prairie View A&M University to receive this certification.

Designing

Fully designed and developed an **online** graduate-level course on:

TAMU: ENGR667- Project Management for Engineers:

Evaluated and selected a textbook, screen captured all course material, and implemented a fully automated course map & flow using Blackboard® & Blackboard Collaborate Ultra®; set up exams with third-party exam proctoring service

Fully designed and developed graduate-level courses on:

AUT: Project Risk Management; Construction Modeling Methods; Advanced Project Planning; Scheduling and Control:

Developed slides, selected new textbooks, found appropriate application software, developed hands-on workshops, generated assignments and term projects, and designed midterm and final exams

Fully designed and developed **online** undergraduate-level courses on:

PVAMU: Scheduling and Mobilization; Managing Construction Operations; Construction Project Controls; Construction Delivery Systems; Building Information Modeling for Construction; Construction Estimating; Commercial Construction:

Screen and video captured all the course materials and implemented a fully automated course map and flow using Moodle® and/or Canvas®. Also, implementing online proctoring exams using Proctorio®.

Fully designed and developed undergraduate-level courses on:

PVAMU: Scheduling and Mobilization; Managing Construction Operations; Construction Project Controls; Construction Delivery Systems; Building Information Modeling for Construction; Construction Estimating; Commercial Construction:

Developed slides, selected new textbooks, found appropriate application software, developed hands-on workshops, generated assignments, quizzes, and term projects, designed midterm and final exams, and invited guest speakers from the construction industry relevant to the course topics.

Redesigning & Repurposing

Fully redesigned and improved undergraduate-level course on:

TAMU: ENGR333- Project Management for Engineers

Reevaluated textbooks, improved course contents and materials implemented several classroom assessment techniques, redefined student learning outcomes through enhancing CLO & MLO, broke down each lecture to several 5- to 10-min

topics with Q&A, flipped the classroom to fully engage students with activities, implemented problem-based learning by using game design methodology.

RESEARCH EXPERIENCES

Prairie View A&M University, Prairie View, TX

- Principle Investigator (PI), *Construction Science Program, PVAMU* 2023-pr.
Adopting Construction 4.0 Concepts to Enhance Execution and O&M Phases of Transportation Infrastructure Projects, *National Center for Infrastructure Transformation (NCIT)*
- Collaborator, *Department of Construction Science, TAMU* 2021-pr.
Serious Games and Simulations for the Built Environment (SeGSiBE)
- Member, *Department of Construction Science, TAMU* 2021-pr.
Administering and Playing Lean Simulations Online (APLSO)

Texas A&M University, College Station, TX

- Postdoc Research Associate, *Zachry Department of Civil Engineering, CEM* 2016
Research for TTI on Material Acceptance (Under the supervision of Dr. Walewski, J.)
- Secretary of "BIM: Reality Check and Future Agenda" Conference, *Texas BIM Alliance and Department of Construction Science - Graduate Research Asst. (Supervisor: Dr. Kang J.)* 2012-13
- Secretary of "Contractors BIM Experience Evaluation" Conference, *Texas BIM Alliance and Department of Construction Science - Graduate Research Asst. (Supervisor: Dr. Kang J.)* 2012-13
- Building Information Model for Dallas Library Project, *City of Dallas and Department of Construction Science - Graduate Research Asst. (Supervisor: Dr. Kang J.)* 2012-13
- Building Information Model and Robotic Total Station, *Dept. of Const. Science Graduate Research Asst. (Supervisor: Dr. Kang J.)* 2012-13
- Evaluated TxDOT Evaluation Tools, *Texas Trans. Ins. (TTI) & Zachry Dept. of Civil Eng Graduate Research Asst. (Supervisor: Dr. Ford, D.)* 2012-13
- Prediction Market for Project Managers, *Zachry Department of Civil Engineering Graduate Research Asst. (Supervisors: Dr. Reinschmidt, K. and Dr. Damnjanovic, I.)* 2012-13

CONFERENCE PUBLICATIONS & PRESENTATIONS

- [19] **Faghihi, V.** (2023). "Automated and Optimized Project Scheduling Using BIM," *The 1st International Construction Management Symposium*, Keynote Speaker, Sep., Tehran, Iran.
- [18] **Faghihi, V.** (2023). "Construction 4.0 and its main components," *The 5th International Conference on BIM*, Keynote Speaker, July, Tehran, Iran.
- [17] Mahmoudi Motahar, M.; Nourzad, S.H.H.; **Faghihi, V.** (2023). "Integrated Planning of Building Information Modeling and Blockchain Technology in order to Improve the Ability to Implement Circular Economy in the Construction Industry," *The 10th National Conference on Modern Studies & Research in Civil Engineering, Architecture & Future City*, June, Tehran, Iran.
- [16] **Faghihi, V.** (2021). "Applications of IoT in Construction Project Management," *The 4th International Conference on BIM*, Keynote Speaker, October, Tehran, Iran.
- [15] **Faghihi, V.** (2020). "Exploring the Role of AI in Integrating Scheduling & Cost," *Advancing Preconstruction*, Speaker, November, Las Vegas, NV, USA.
- [14] **Faghihi, V.** (2020). "Applications of VR & AR in Construction Project Management," *The 3rd International Conference on BIM*, Keynote Speaker, October, Tehran, Iran.
- [13] **Faghihi, V.** (2019). "Practical Applications of BIM in Bridge Projects," *The 2nd International Conference on BIM*, Keynote Speaker, August, Tehran, Iran.
- [12] **Faghihi, V.** (2018). "Practical Applications of BIM in Airport Projects," *The 1st International Conference on BIM*, Keynote Speaker, February, Tehran, Iran.

- [11] **Faghihi, V.** and Kang, J. (2013). "SatraPM, a Customizable Web-based Project Management Software" *The 30th International Symposium on Automation and Robotics in Construction (ISARC 2013)*, IAARC, pp 9-18, August, Montréal, Canada.
- [10] Lee, J., **Faghihi, V.**, and Kang, J. (2013). "Automatic Generation of Cobie Data from Revit," *The 30th International Symposium on Automation and Robotics in Construction (ISARC 2013)*, IAARC, pp 653-660, August, Montréal, Canada. (cited 7 times)
- [9] Kang, J., Ganapathi, A., Lee J., and **Faghihi, V.** (2012). "BIM to field: Robotic total station and BIM for quality control," *eWork and eBusiness in Architecture, Engineering and Construction - ECPPM 2012*, July, Reykjavik, Iceland. DOI: 10.1201/b12516-113 (cited 10 times)
- [8] Kim, A., **Faghihi, V.**, Hessami, A., and Ford, D. (2012). "Designing Perpetual Sustainability Improvement Programs for Built Infrastructures," *The 30th International Conference of the System Dynamics Society*, July, St. Gallen, Switzerland. (cited 11 times)
- [7] Kang, J., Ryoo, B., and **Faghihi, V.** (2012). "Five Challenges You Need to Know for Successful BIM Application in Developing Countries," *Third International Conference on Construction in Developing Countries*, July, Bangkok, Thailand. (cited 2 times)
- [6] **Faghihi, S.V.** (2009). "Implementation of SatraPM in project-based state organizations (IPDC case study)," *Proceedings of the 5th International Conference of Project Management*, Aug., Tehran, Iran.
- [5] **Faghihi, S.V.** (2008). "Optimizing power plant project management processes by using SatraPM," *4th International Conference of Project Management*, Aug., Tehran, Iran.
- [4] **Faghihi, S.V.** (2008). "Survey of traditional and virtual management in project procurement management," *Proceedings of the 2nd Project Procurement System*, Feb., Tehran, Iran.
- [3] **Faghihi, S.V.** (2007). "Virtual management in construction projects (Survey of applying virtual management in 4th Fath Abad metro terminal)," *3rd Int'l Conf. of Project Management*, Apr., Tehran, Iran.
- [2] **Faghihi, S.V.** and Besharati G., M.H. (2006). "Implementation of virtual management in Iranian maritime projects," *Proceedings of the 2nd Int'l Conf. of Project Management*, Mar., Tehran, Iran.
- [1] Vojoudi, M. and **Faghihi, S.V.** (2005). "Traditional and virtual management in disaster management," *1st International Conference of Disaster Management*, Nov., Tehran, Iran.

OTHER PUBLICATIONS & PRESENTATIONS

- **Faghihi, V.** (2019). "Practical Applications of BIM in Bridge Projects," *Seminar in School of Architecture*, College of Fine Arts, University of Tehran, July, Tehran, Iran.
- **Faghihi, V.**; Reinschmidt, K.F.; and Kang, J. (2018). "Extended Genetic Algorithm for Optimized BIM-based Construction Scheduling," *Wiley StatsRef: Statistics Reference Online*, (eds N. Balakrishnan, T. Colton, B. Everitt, W. Piegorsch, F. Ruggeri and J.L. Teugels) DOI: 10.1002/9781118445112.stat07892 (cited 3 times)
- **Faghihi, V.** (2018). "Practical Applications of BIM in Airport Projects," *Seminar in Construction Engineering and Management Group*, Amirkabir University of Technology, Tehran, Iran
- **Faghihi, V.** (2014). "Automatic Construction Scheduling Inspired by Fetal Growth," *Student Research Week*, Texas A&M University
- **Faghihi, V.** (2014). "Automated and Optimized Project Scheduling Using BIM," *Amirkabir Sustainable Transp. Infrastructure Center (ASSET Seminar Series)*, Amirkabir University of Tech., Tehran, Iran
- **Faghihi, V.** (2013). "BIM-based Construction Project Scheduling Using Genetic Algorithm," *Seminar in Construction Engineering and Management Group*, Sharif University of Technology, Tehran, Iran
- **Faghihi, V.** (2013). "BIM-based Construction Project Scheduling Using Genetic Algorithm," *Construction Engineering Management Program*, Amirkabir University of Technology, Tehran, Iran
- **Faghihi, V.** (2013). "BIM-based Automatic Construction Scheduling," *BIM College Seminar*, College of Architecture, Texas A&M University

- **Faghihi, V.** (2013). "Automatic Construction Scheduling Inspired by Fetal Growth," *Student Research Week*, Texas A&M University
- **Faghihi, V.** and Vahdat, A.T. (2012). "Risk and Diversification in International Construction," *The Business Review, Cambridge*, 20 (2), pp. 95-102.
- **Faghihi, V.** and Kang, J. (2012). "Benefits of Using BIM for Small Projects," *BIM: Reality Check and Future Agenda*, 8-9 November, Texas, USA (cited 3 times)
- **Faghihi, V.** and Kang, J., (2012). "BIM Efficiency in Projects Smaller than \$5M," *ASCE Construction Research Congress 2012 Ph.D. Student Poster Session Proceedings*, pp. 26, 21-23 May, Indiana, USA
- **Faghihi, S.V.** and Vojoudi, M. (2008). "Introduction to virtual management in disaster management," *International Road and Structure Monthly Magazine*, Year 6, No. 53.

PROFESSIONAL SERVICES

Scientific Reviewer

Elsevier

The reviewer of "Automation in Construction" Journal (34 times)	2014-21
The reviewer of "Expert Systems with Applications" Journal (9 times)	2014-20
The reviewer of "Tunneling and Underground Space Technology" Journal (2 times)	2018-19
The reviewer of "Measurement" Journal	2014

Taylor & Francis

The reviewer of "Intelligent Buildings International" Journal	2021
The reviewer of "Journal of Civil Engineering and Management" (5 times)	2019-23
The reviewer of "Energy Sources, Part B: Economics, Planning, and Policy" Journal	2018

IEEE

The reviewer of "IEEE Access" Journal (5 times)	2019-20
The reviewer of "IEEE Transactions on Fuzzy Systems" Journal (3 times)	2019-20

ASCE

The reviewer of "Journal of Construction Engineering and Management"	2023
The reviewer of "Natural Hazards Review" Journal (4 times)	2020-21

Emerald Insight

The reviewer of "Journal of Engineering, Design and Technology" (2 times)	2023
The reviewer of "International Journal of Sustainability in Higher Education" (2 times)	2020-21
The reviewer of "Engineering, Construction and Architectural Management" Journal	2020

Wiley & Sons

The reviewer of the new edition proposal of "Wayne J. Del Pico's Project Control: Integrating Cost and Schedule in Construction" book	2022
The reviewer of "Systems Research and Behavioral Science" Journal	2014

Springer

Iranian Journal of Science and Technology Transactions of Civil Engineering (2 times)	2022
Frontiers of Structural and Civil Engineering	2023

Oxford University Press

Journal of Computational Design and Engineering (2 times)	2023
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University of Tehran

Civil Engineering Infrastructures Journal	2023
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Sharif University of Technology

The reviewer of "Sharif Journal of Civil Engineering" (16 times)	2018-21
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Iran University of Science and Technology

Member of Scientific Committee and Panelist at the "8th International Conference on Engineering Education (ISEEC 2023)"	2023
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Mehregan Design-Built Group

Reviewer of the “4 th International Conference on Building Information Modeling”	2021
Panelist at the “5 th International Conference on Building Information Modeling”	2023
Multidisciplinary Digital Publishing Institute (MDPI)	
The reviewer of “Sustainability” Journal	2020
Texas A&M University	
Invited Judge for “TAMU Hackathon”	2020
The reviewer of Civil Engineering Student Research Symposium, <i>Association of Civil Engineering Doctoral Students</i>	2010
Others	
Packt Publication: Reviewer of a book entitled “Navisworks Essentials.”	2013
Academic Journals: Reviewer of “African Journal of Business Management.”	2012

Academic Mentoring

NCIT Research Team, Prairie View A&M University	
Yunae A. Roberson, <i>B.Sc. in Digital Media Art</i>	2024-pr.
Favour A. Ezeugwa, <i>M.Sc. in Computer Information Systems</i>	2024-pr.
Udochukwu T.I. Igwenagu, <i>M.Sc. in Computer Information Systems</i>	2024-pr.
Tye A. Fairly, <i>B.Sc. in Construction Science</i>	2023-pr.
Marolina “Mina” A. Thomas, <i>B.Sc. in Digital Media Arts</i>	2023-pr.
Chukwudi F. Egwu, <i>M.Sc. in Computer Information Systems</i>	2023
Academy for Future Faculty, Texas A&M University	
Rasoulkhani, K.	2019

Prairie View A&M University

SACSCOC Faculty Development Training, PVAMU	2023
<i>Attended the Summer Institute for the Engaging Faculty and Academic Administrators with SACSCOC Accreditation Standards Track, selected by the university Provost</i>	
AGC of America Student Chapter Faculty Advisor, PVAMU	2023-pr.
<i>The faculty advisor for Associated General Contractors of America student chapter at PVAMU, SoA</i>	
Teaching Observation Form for Online Faculty Workgroup, PVAMU	2022-pr.
<i>Developing evaluation and observation forms for online teaching at PVAMU</i>	
Mentoring and Advising Colleagues on QM and eCertificate, SoA, PVAMU	2022-pr.
<i>Helping School of Architecture faculty members to get their courses QM certified or eCertified by PVAMU</i>	
QM Introductory Booth, Annual Faculty Conference, Prairie View A&M University	2022
<i>Promoting the QM certificate among PVAMU faculties by showcasing my own courses.</i>	
Tuner Scholarship Committee, School of Architecture, Construction Science	2022-pr.
<i>Helping the department in the student selection process for multiple industry scholarships.</i>	
Curriculum Committee, School of Architecture, Construction Science	2022-pr.
<i>Helping the department with the courses’ curricula.</i>	
Research and Scholarly Work Committee, School of Architecture, Construction Science	2022-23
<i>Helping the department with scholarly work evaluations.</i>	
Scholarship Committee, School of Architecture, Construction Science	2021-23
<i>Helping the department in the student selection process for multiple industry scholarships.</i>	
Graduate Faculty Committee, School of Architecture, Construction Science	2020-pr.
<i>Helping the department, school, and university with advising students for their theses and dissertations</i>	
Assessment and Accreditation Committee, Co-chair, School of Arch., Construction Science	2019-pr.
<i>Helping the Construction Science Department of the School of Architecture to get accredited by the ACCE</i>	
ACCE Program Coordinator, American Council of Construction Education	2019-pr.
<i>Helping the Construction Science Department of the School of Architecture to get accredited by the ACCE</i>	

RELEVANT SOFTWARE SKILLS

Learning Management Systems (LMS): Canvas, BrightSpace D2L, Moodle, BlackBoard, Google Classroom
BIM: Autodesk Navisworks, Autodesk Revit Architecture, Structure, & MEP, Autodesk Revit Parametric Modeling, Autodesk Buzzsaw, Google SketchUp
Technical: Primavera Project Planner, Primavera 6, MS Project, Primavera Risk Analysis (Pertmaster), Vensim, Wrike, SAP, SPSS, Autodesk AutoCAD
Web Programming Languages: PHP, MySQL, HTML, JavaScript, JQuery, XML, CSS, Solr
Programming Languages: QBasic, Visual Basic 6.0, C++, Fortran, C#, ActionScript, MATLAB, R
Graphics: Adobe Photoshop, Macromedia Flash, 3DSMax
General: MS Office (Word, PowerPoint, Excel, & Access), MS FrontPage, MS SharePoint Design, MS Visio

PROFESSIONAL AFFILIATIONS

Member-in-Training of ACCE, <i>American Council for Construction Education</i>	2019-pr.
Associate Member of ASCE, <i>American Society of Civil Engineering</i>	2015-pr.
AUT Green Building Committee, <i>Office of Sustainability, Amirkabir University of Technology</i>	2015-18
Construction Owners Association of America (COAA), <i>Dept. of Const. Sci., College of Arch., TAMU and BIM Texas Alliance</i>	2012-pr.
Member and Coordinator of CCL (Creative Construction Lab), <i>Dept. of Construction Science, College of Architecture, Texas A&M University</i>	2010-14
Student Member of ASCE, <i>American Society of Civil Engineering</i>	2010-14
Iranian Project Management Association, <i>IPMA</i>	2007-pr.
Exceptionally Talented Club, <i>Minister of Energy, Iran</i>	2006-pr.
Earned Value Committee for Chabahar power plant, <i>Iran Power Development Company (IPDC)</i>	2008-09
Scientific and Cultural Clubs, <i>University of Tehran, Tehran, Iran</i>	1999-04
Head of "Dialogue among Civilizations" committee, <i>University of Tehran, Tehran, Iran</i>	2002

GRADUATE STUDENT ADVISORY

Ph.D.

-
4. Student: Ghandehariun, S.; Chairs: **Faghihi, V.**, and Gholipour, Y. (2023-pres.), "Identification of Sustainability Indicators and Developing a Framework for the Sustainable Development Assessment of Reconstruction Projects in Old Urban Areas; Case Study of Mashhad," *Construction Engineering and Management, Civil Engineering Department, College of Engineering, University of Tehran*
 3. Student: Daroogheh, A.; Chairs: **Faghihi, V.**, and Gholipour, Y. (2023-pres.), "Develop an Optimal Model for Designing a Tall Building without the Need for Fossil Fuels," *Construction Engineering and Management, Civil Engineering Department, College of Engineering, University of Tehran*
 2. Student: Akram, H.; Chairs: **Faghihi, V.**, and Gholipour, Y., Co-Advisor: Streimikiene, D. (2023-pres.), "Identification of Structural Sustainability Criteria and Evaluation of Structural Systems from the Perspective of Sustainable Development," *Construction Engineering and Management, Civil Engineering Department, College of Engineering, University of Tehran*
 1. Student: Shihmani, A.; Chairs: **Faghihi, V.**, and Gholipour, Y. (2023-pres.), "Health, Safety and Environment (HSE) Indicators in Construction Projects Using Structural Equation Modeling," *Construction Engineering and Management, Civil Eng. Dept., College of Engineering, University of Tehran*

Master of Science

-
23. Student: Khanjari, M.; Chairs: **Faghihi, V.** and Khademi, N. (2023-pres.), "TBD," *Construction Engineering and Management, Civil Engineering Department, College of Engineering, University of Tehran*
 22. Student: Abdoli, F.; Chairs: **Faghihi, V.** and Khademi, N. (2023-pres.), "TBD," *Construction Engineering and Management, Civil Engineering Department, College of Engineering, University of Tehran*

21. Student: Zadehmoosa, S.M.; Chair: **Faghihi, V.** (2023-pres.), "TBD," *Construction Engineering and Management, Civil Engineering Department, College of Engineering, University of Tehran*
20. Student: Soghi, S.; Chair: **Faghihi, V.** (2023-pres.), "TBD," *Construction Engineering and Management, Civil Engineering Department, College of Engineering, University of Tehran*
19. Student: Zolnourian, S.; Chairs: Hosseini Nourzad, S. H., and **Faghihi, V.** (2023-pres.), "TBD," *Construction and Project Management, School of Architecture, College of Fine Arts, University of Tehran*
18. Student: Panahi, P.; Chairs: Hosseini Nourzad, S. H., and **Faghihi, V.** (2023-pres.), "TBD," *Construction and Project Management, School of Architecture, College of Fine Arts, University of Tehran*
17. Student: Mataji, Y.; Chair: **Faghihi, V.** (2023-pres.), "Automated Optimization for Sustainable Lighting in Transportation Infrastructure Sites," *Construction Engineering and Management, Civil Engineering Department, College of Engineering, University of Tehran*
16. Student: Hassani Derakhshandeh, S.; Chair: **Faghihi, V.** (2023-pres.), "Smart and Lean Improvement of Site Material Placements in Transportation Infrastructure Projects," *Construction Engineering and Management, Civil Engineering Department, College of Engineering, University of Tehran*
15. Student: Ostovari, A.; Chairs: Hosseini Nourzad, S. H., and **Faghihi, V.** (2022-pres.), "Automated BIM-Based Assessment of Project Safety Risks Using a Whole Lifecycle Approach," *Construction and Project Management, School of Architecture, College of Fine Arts, University of Tehran*
14. Student: Bagheri, K.; Chairs: Hosseini Nourzad, S. H., and **Faghihi, V.** (2022-pres.), "Optimizing Infrastructure Resilience at the Design Phase Using a BIM-based Automated Approach," *Construction and Project Management, School of Architecture, College of Fine Arts, University of Tehran*
13. Student: RezaAli, M.; Chairs: Hosseini Nourzad, S. H., and **Faghihi, V.** (2022-pres.), "Feasibility of modern project management implementation in the construction industry using a digital twin approach," *Construction & Project Mgmt., School of Arch., College of Fine Arts, University of Tehran*
12. Student: Rahmatipour, E.; Chairs: Shafaat, A., and **Faghihi, V.** (2022-23), "TBD: Automated Scheduling Using BIM," *Cons. Dept., Arch. & Urban Planning, Shahid Beheshti University, Tehran, Iran*
11. Student: Tajari, M.; Chairs: Yousefi, S., and **Faghihi, V.** (2021-23), "Analyzing the impact of IT tools and techniques on critical success factors in construction projects," *Construction and Project Management, School of Architecture, College of Fine Arts, University of Tehran*
10. Student: Shoraka M.; Chairs: Eshtehardian, E., and **Faghihi, V.** (2020-21), "Investigation the Impact of Virtual Reality on Reducing the Cost of Finishing in Residential Projects," *Proj. & Const. Mgmt. Group, Faculty of Art & Arch., Tarbiat Modares University*
9. Student: Laali, A.; Chair: Hosseini Nourzad, S. H., Co-Advisor: **Faghihi, V.** (2018-20), "Developing a BIM-based Expert System for Construction Site Decision Making," *Construction and Project Management, School of Architecture, College of Fine Arts, University of Tehran*
8. Student: Sheikhhoshkar, M.; Chair: Khanzadi, M., Co-Advisor: **Faghihi, V.** (2015-16), "Developing a BIM-based Expert System for Construction Site Decision Making," *Cons. Eng. & Mgmt. Group, School of Civil Eng., Iran University of Science and Technology*
7. Student: Sadeghi, N.; Chairs: Sebt, M.H., and Shahhoseini, V., Co-Advisor: **Faghihi, V.** (2015), "Applying Building Information Modeling (BIM) in Evaluating Building Envelope Energy Performance," *Cons. Mgmt. Group, Dept. of Civil and Envir. Eng., Amirkabir University of Technology*
6. Student: Kamali, M.; Chair: Shakeri, E., Co-Advisor: **Faghihi, V.** (2015-16), "Assessing Energy Efficiency of HVAC Systems in Buildings Using Building Information Modeling (BIM)," *Cons. Mgmt. Group, Dept. of Civil and Envir. Eng., Amirkabir University of Technology*
5. Student: Asadi Boroujeni, K., Chair: Shakeri, E., Co-Advisor: **Faghihi, V.** (2015-16), "Construction Contracts Development to Employ Building Information Modeling (BIM)," *Cons. Mgmt. Group, Dept. of Civil and Envir. Eng., Amirkabir University of Technology*
4. Student: Dadashi, M.; Chairs: Sebt, M.H., and Banki, M.T., Co-Advisor: **Faghihi, V.** (2015-16), "Effect Evaluation of Using Building Information Modeling for Control and Monitoring in One of Construction Industries with the Approach of Passive Defense," *Cons. Mgmt. Group, Dept. of Civil and Envir. Eng., Amirkabir University of Technology*

3. Student: Golpour, A.; Chairs: Sebt, M.H., and Banki, M.T., Co-Advisor: **Faghihi, V.** (2015-16), "Developing a Method of Building Information Modeling in Time and Cost Management of Industrial Projects with Approach of Passive Defense," *Cons. Mgmt. Group, Dept. of Civil and Envir. Eng., Amirkabir University of Technology*
2. Student: Hekmati, H.; Chairs: Maknoon, R. and Shahhoseini, V., Co-Advisor: **Faghihi, V.** (2015-16), "Energy Saving Criteria Control Based on Building Information Modeling" *Cons. Mgmt. Group, Dept. of Civil and Envir. Eng., Amirkabir Univ. of Technology*
1. Student: Hoseinzadeh, R.; Chair: Eshtehardian, E., Co-Advisor: **Faghihi, V.** (2014-15). "Opportunity and Challenges in the AEC industry for migrating from 2D to 3D and 3D to 4D," *Proj. & Const. Mgmt. Group, Faculty of Art & Arch., Tarbiat Modares University*

Ph.D. Committee Member

3. Ph.D. Student: Kelayeh, F.; Chair: Hosseini Nourzad, S.H. Ph.D. (2023-pres.). "TBD," *Construction and Project Management, School of Architecture, College of Fine Arts, University of Tehran.*
2. Ph.D. Student: Zamani, V.; Chairs: Taghaddos, H. Ph.D. & Gholipour, Y. Ph.D. (2023), "Developing a Decision Support System for Cyclic Projects Using Computer Vision and Discrete Event Simulation; Earthmoving Projects Case Study," *Construction Engineering and Management, Civil Engineering Department, College of Engineering, University of Tehran*
1. Ph.D. Student: Sadeghi, N.; Chairs: Yan, W. Ph.D. and Kang, J. Ph.D. (2023?). "Construction Schedule Improvement by Soft-clash Resolution," *Construction Science Department, School of Architecture, Texas A&M University.*

M.Sc. Committee Member

7. M.Sc. Student: Khodadad, F.; Chair: Hosseini Nourzad, S.H. Ph.D. (2023). "Developing a Digital-Twin-based Framework for Lifecycle Management of Infrastructure Projects," *Construction and Project Management, School of Architecture, College of Fine Arts, University of Tehran.*
6. M.Sc. Student: Fazlipour, M.; Chair: Samadzad, M. Ph.D. (2023), "Study of Technical and Economic Feasibility of Using Prefabricated Steel Construction for Ordinary Buildings to Improve Built Quality and Seismic Safety," *Construction Engineering and Management, Civil Engineering Department, College of Engineering, University of Tehran*
5. M.Sc. Student: Ramezani, A.; Chair: Tavakolan, M. Ph.D. (2023), "Evaluating the Leading Safety Indicators in Construction Projects to Improve Future Condition Forecasting Using Machine Learning," *Construction Engineering and Management, Civil Engineering Department, College of Engineering, University of Tehran*
4. M.Sc. Student: Razmandi, F.; Chair: Hosseini Nourzad, S.H. Ph.D. (2023). "Exploring Complexity Optimal Scale in Iranian Construction Projects Using Dynamic Modelling of Project's Complexity & Success," *Construction and Project Management, School of Arch., College of Fine Arts, Univ. of Tehran.*
3. M.Sc. Student: Vaslati, S.; Chair: Hosseini Nourzad, S.H. Ph.D. (2023). "Providing Framework Design of Infrastructure Projects with Considering Sustainability, Resilience and Stakeholder Participation Based on Building Information Modeling," *Construction and Project Management, School of Architecture, College of Fine Arts, University of Tehran.*
2. M.Sc. Student: Ehghaghi, K.; Chairs: Sebt, M. H. Ph.D. and Banki, M. T. Ph.D. (2015). "Structure Design and Codification Processes of Communications Management of Project Management Office in Construction Project," *Cons. Mgmt. Group (Int'l Branch), Dept. of Civil and Envir. Eng., Amirkabir Univ. of Tech.*
1. M.Sc. Student: Ghanbari, L.; Chairs: Sebt, M. H. Ph.D. and Shahhoseini, V. Ph.D. (2015). "An Interactive Supply Chain Management System for Construction Projects," *Cons. Mgmt. Group (Int'l Branch), Dept. of Civil and Envir. Eng., Amirkabir University of Technology*

LANGUAGES

English (*Fluent*)

Persian (*Fluent*)

Arabic (*Proficient*)

Azeri (*Proficient*)