In the name of God

A) Personal Information

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B) Degree

PhD in Industrial Engineering
Associate Professor of Industrial Engineering, Vali-e-Asr University, Rafsanjan, Iran

C) Scientific and research activities
- Member of Alumni Association of Sharif University of Technology
- Member of Industrial Engineering Institute
- Member of Iranian Value Engineering Institute
- Top Researcher in the Faculty of Management and Economics (2013)
- Member of System Dynamics Society
- Top Researcher in the Faculty of Management and Economics (2018)
- Top Researcher in the Faculty of Management and Economics (2019)
- Top Researcher in Kerman province (2019)

- *Reviewer of Scientific Research and ISI journals:*

- Simulation Modeling Practice and Theory
- Applied Soft Computing
- Modeling and Simulation in Engineering
- Journal of Intelligent and Fuzzy Systems
- Mathematical Problems in Engineering
- Scientia Iranica Journal
- Journal of Scheduling
- International Journal of Fuzzy Systems
- International Journal of System Science
- World Applied Science Journal
- British Journal of Applied Science & Technology
- Journal of Production and Operations Management –the University of Esfahan (in Persian)
- Journal of Electrical Engineering- the University of Tabriz (in Persian)

- ......
- ***Member of the editorial board of scientific journals:***
  - *International Journal of Engineering and Technology*
  - *Applied and Computational Mathematics*
  - *Science Journal of business and management*
  - *Science Research*
  - *American Journal of Engineering Science and Technology Research*
  - *Open Research Journal of Construction Engineering and Management*
  - *Research Journal of Operations Management and Services*
  - *Computational Science and Engineering Research Journal*
  - *Open Research Journal of Management*

Articles:

Journals:

[1]. Shahsavari pour, N., Modarres, M., Tavakkoli-Moghadam, R., The Discrete Time-Cost-Quality Trade-off Problem Using a Novel Hybrid Genetic Algorithm, *Applied Mathematical Sciences,* Vol. 42(4), 2010, 2081 - 2094

[2]. Shahsavari pour, N., Modarres.M., Tavakkoli-Moghadam.R., Calculating the Project Network Critical Path in Uncertainty Conditions., *International Journal of Engineering and Technology,* Vol.2 (2), 2010, 136-140

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[4]. Fallah, M., Aryanezhad, M. B., Najafi, E., and Shahsavari pour.N., An empirical study on measuring the relative efficiency using DEA method: A case study of the bank industry. *Management Science Letters* 1 (2011) 49–56

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International Conference:

1. QFD application in the design phase of housing, *Fourth International Conference on Industrial Engineering*, Tehran, 2005. (In Persian)
2. Measuring satisfaction of housing buyers, *The 7th International Conference of Quality Managers,* Tehran, 2006. (In Persian)
3 .Component performance evaluation with common inputs and outputs: application of Data Envelopment Analysis. *Second National Conference on Data Envelopment Analysis.* Rasht, 2010. (In Persian)
4. Introducing a new meta-heuristic algorithm for solving Time-Cost- Quality trade-off problem of the project network, *Sixth International Conference on Project Management,* Tehran, 2011. (In

Persian)

5. Introducing a new algorithm to calculate the fuzzy critical path of the project network, *Sixth International Conference on Project Management*, Tehran 2011. (In Persian)

6. A new approach for ranking of fuzzy numbers based on the principle of dominance. *Ninth International Conference on Industrial Engineering*, Tehran 2013

7. An effective approach for Multi-Objective Flexible Job Shop Problem - A New Cosmogony Algorithm. *Ninth International Conference on Industrial Engineering*, Tehran 2013.

8. Function analysis of the Samand automotive injector engine using FAST diagram with the approach to reducing gas consumption, *Value Engineering and Cost Management Conference,* Tehran, December 2014. (In Persian)

9. Investigate related to the fuzzy TOPSIS method, *Second National Conference on Industrial Engineering and Systems,* Najaf Abad, February 2014. (In Persian)

10. Evaluation of the project portfolio using the fuzzy earned value technique, *First National Congress on Engineering Construction and Evaluation of Civil Engineering Projects.* Tehran, 2014. (In Persian)

11. Impact of Earned Value Management in construction projects control, *First National Congress on Engineering Construction and Evaluation of Civil Engineering Projects*, Tehran, 2014. (In Persian)

12. Forecast of gold price and inflation rate by means of transfer ratio method, *International Conference on Management, Economic and Industrial Engineering*, Tehran, June. 2015. (In Persian)

13. Literature survey on locating-routing problems, *International Conference on Management, Economic and Industrial Engineering,* Tehran, June. 2015. (In Persian)

14. Multi-level supply chain network design using tabu search algorithm, *International Conference on New Directions in Management, Economics and Accounting.* Iran.2015. (In Persian).

15. Hub location problem modeling for health service network of the humanitarian supply chain. *The first International Conference of Industrial Engineering, Management and Accounting.* Tehran.2015. (In Persian)

16. Single objective problem solving of hub median location by single allocation using metaheuristic algorithm and design of experiments, *Third International Conference on Applied Research in Management and Accounting*, Tehran, February 2016. (In Persian)

17. An improved genetic algorithm for the capacitated hub location problem, *International Conference of Industrial Engineering and Management*, Iran. 2016. (In Persian)

18. Location and allocation problem modeling for blood facility. *Third International Conference on Management and Accounting*, Tehran, 2016. (In Persian)

19. Milk production optimization in an industrial ranch using system dynamics approach
The 36th International Conference of the System Dynamics Society, Reykjavík, Iceland, August 6-10, 2018

Books:

- Lean Project Management. *Arena Publications*, 2013. Tehran
- Application of Genetic Algorithms in Industrial Engineering. *Publications of Rafsanjan Vali-e-Asr University* .2016

- Production Planning and Scheduling using Metaheuristic Algorithms Approach. *Kian Academic Press.* 2017.Tehran

Projects:

- Designing and implementing dynamic strategic planning at the University of Medical Sciences.
- Optimization of production scheduling using meta-heuristic algorithms at Shahrbabak Copper Co.
- Optimization of production planning and scheduling at Sarcheshmeh Copper Co.
- Optimization of production scheduling using meta-heuristic algorithms at Golgohar Mining & Industrial co.
- Software design for economic analysis of industrial projects.
- Designing and implementing a comprehensive system of physical resource management projects.
- Designing and implementing the Balanced Scorecard (BSC) at the University of Medical Sciences.
- Designing and implementing the Balanced Scorecard (BSC) in several construction companies.
- Implementation of QFD in a housing construction company.
- Implementation of the value engineering in several construction companies and services
- Using Six Sigma to improve quality in various industries and services.
- Designing and implementing of project management information system in several construction companies.
- Implementation of the productivity cycle in several industries and services
- ......

Seminars:

- Seminar on "*Value Engineering*", with cooperation Snarah Sharif Company and Scientific Association of Islamic Azad University.
- Seminar on "*Customer Relationship Management*", with the cooperation of the House of Quality Institute and Kerman Chamber of Commerce Industries Mine & Agriculture.
- Seminar on "*Creativity and Innovation- TRIZ*" with the cooperation of the House of Quality Institute and Kerman Chamber of Commerce Industries Mine & Agriculture.
- Seminar "*Modern Management Organization by BSC*" with the cooperation of the House of Quality Institute and Kerman Chamber of Commerce Industries Mine & Agriculture.
- Seminar on "*Lean Six Sigma*" with the cooperation the House of Quality Institute and Kerman Chamber of Commerce Industries Mine & Agriculture.
- Seminar on "*Management and Engineering of Innovation*" with cooperation the Kerman Elites Foundation and Kerman Chamber of Commerce Industries Mine & Agriculture.
- ....

Certificates:
- Professional Project Management (Prime Project Management Professional)
- Value Engineering & Management (TUV Academy)

Academic courses:

MS and Ph.D.:

- Multi-objective optimization
- Advanced Production Planning
- Multivariate quality control
- Application of fuzzy theory on decision making and management
- Advanced Management Information Systems
  Advanced Engineering Economy
- Advanced Operations Research
- Application of Meta-heuristic algorithms in industrial engineering
- Advanced Project Management
- Quality and Productivity
- Advanced Strategic Planning
- Advanced Production Planning
- System Dynamics
- Strategic Management of Information Systems

BA:
- Statistical quality control
- Production Planning and Inventory Control
- Principles of management and organization theory
- Operations Research
- Management Information Systems
- Analysis systems
- Project Control