

رزومه آکادمیک – آیدین دلگشائی



۱- مشخصات عمومی:

نام: آیدین
نام خانوادگی: دلگشائی
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۲- دوره های تحصیلی و پژوهشی:

ردیف	درجه تحصیلی	واحددانشگاهی	سال
۱	پسادکتر	خوارزمی	۱۳۹۸
۲	دکتر مهندسی صنایع-صنایع	UPM	۱۳۹۵
۳	کارشناسی ارشد مهندسی صنایع - صنایع	تهران جنوب	۱۳۸۶
۴	کارشناسی مهندسی صنایع - تولید صنعتی	قزوین	۱۳۸۳

۳- علایق پژوهشی:

- مدل سازی ریاضی، برنامه نویسی خطی و غیر خطی، برنامه نویسی پویا
- روش های بهینه سازی، روش های محاسبات پیشرفته، الگوریتم های ابتکاری و فرا ابتکاری
- مدیریت زنجیره تأمین، برنامه ریزی تولید، سیستم های تولید سلولی، سیستم های تولید انعطاف پذیر
- هوش مصنوعی (ANN, ACO, GA, SA, TS و PSO)، یادگیری ماشین
- قابلیت اطمینان و تحلیل ریسک مدل سازی فرایند

۴. مقالات علمی:

- 1) Delgoshaei, A., Gomes, C. (2016). A Multi-Layer Perceptron for Scheduling Cellular Manufacturing Systems in the Presence of Unreliable machines and Uncertain Cost, *Applied Soft computing*, 49, 22-57. (ISI, Q1, Impact Factor 3.907)
<http://dx.doi.org/10.1016/j.asoc.2016.06.025>
- 2) Delgoshaei, A., Ahad, A., Ariffin, M.K.A. (2016). A Multi-period Scheduling of Dynamic Cellular Manufacturing Systems in the Presence of Cost Uncertainty. *Computers and Industrial Engineering*, 100, 110-132. (ISI, Q1, Impact Factor 3.195)
<http://dx.doi.org/10.1016/j.cie.2016.08.010>
- 3) Delgoshaei, A., Ariffin M.K.A., Ahad, A., (2016). A Multi-period Scheduling Method for Trading-off between Skilled-Workers Allocation and Outsource Service Usage in Dynamic CMS, *International Journal of Production Research*, 55, 1-43. (ISI, Q1, Impact Factor 2.623)

<http://www.tandfonline.com/doi/full/10.1080/00207543.2016.1213445>

- 4) Delgoshaei, A., Rabczuk, T., Ahad, A., Ariffin, M.K.A. (2016). An applicable Method for Modifying Over-allocated Multi-mode Resource Constraint Schedules in the Presence of Preemptive Resources. *Annals of Operations Research*. 259, 85-117. (ISI, Q1, Impact Factor 1.864)
<http://link.springer.com/article/10.1007/s10479-016-2336-8>
- 5) Delgoshaei, A., Ariffin, M.K.A. M., Leman, Z., Baharudin, B. H. T. B., & Gomes, C. (2016). Review of evolution of cellular manufacturing system's approaches: Material transferring models. *International Journal of Precision Engineering and Manufacturing*, 17(1), 131-149. (ISI, Q2, Impact Factor: 1.661)
<http://doi:10.1007/s12541-016-0017-9>
- 6) Delgoshaei, A., Ahad, A., (2017). An Applicable Method for Scheduling Temporary and Skilled-Workers in Dynamic Cellular Manufacturing Systems Using Hybrid Ant Colony Optimization and Tabu Search Algorithms. *Journal of Industrial and Production Engineering*, 34, 425-449 (ISI, Q3)
<https://doi.org/10.1080/21681015.2017.1360405>
- 7) Delgoshaei, A., Ariffin, M.K.A., Baharudin B.T Hang Tuah., (2016). Pre-emptive Resource-Constrained Multimode Project Scheduling Using Genetic Algorithm: A Dynamic Forward Approach. *Journal of Industrial Engineering and Management*, 9 (3) (ISI, Impact Factor: 0.27)
<http://dx.doi.org/10.3926/jiem.1522>
- 8) Delgoshaei, A., Gomes, C., (2019). Develop a New Method for Minimizing Cell Underutilization in the process of Dynamic Cell Forming and Scheduling Using Artificial Neural Networks, *Journal of Advanced Mechanical Design, Systems, and Manufacturing (Design & Systems)*. (ISI, Impact Factor: 0.5)
- 9) Delgoshaei, A., Ahad, A., (2018). A Hybrid Ant Colony System and Tabu Search Algorithm for Multi-period Scheduling of Dynamic Cellular Manufacturing Systems in Presence of Costs Uncertainty, *Brazilian Journal of Operations & Production Management*, 15 (4), 499-516. (ISI)
<https://doi:10.14488/BJOPM.2018.v15.n4.a4>
- 10) Delgoshaei, A., Farhadi, M., Mirzazadeh, A., (2019). A New Method for Distributing and Transporting of Fashion Goods in a Closed-Loop Supply Chain in the Presence of Market Uncertainty, *Industrial Engineering & Management Systems* (ISI, Q2-Accepted Paper)
- 11) Delgoshaei, A., Norozi, H., Mirzazadeh, A., (2019). A New Model for Logistic and Transportation of Fashion Goods in the Presence of Stochastic Market Demands Considering Restricted Retailers Capacity, *RAIRO - Operations Research* (ISI, Accepted Paper)
- 12) Delgoshaei, A., Ariffin, M.K.A, Baharudin, B. H. T. B., & Leman, Z. (2014). A Backward Approach for Maximizing Net Present Value of Multi-mode Pre-emptive Resource-Constrained

Project Scheduling Problem with Discounted Cash Flows Using Simulated Annealing Algorithm. *International Journal of Industrial Engineering and Management*, 5(3), 151-158. (Scopus)
<http://ijiemjournal.uns.ac.rs/previousissues/38-volume-5-2014?start=10>

- 13) Delgoshaei, A., Ariffin, M., Baharudin, B., & Leman, Z. (2016). A new method for decreasing cell-load variation in dynamic cellular manufacturing systems. *International Journal of Industrial Engineering Computations*, 7(1), 83-110. (Scopus)
<http://10.5267/j.ijiec.2015.7.004>
- 14) Delgoshaei, A., Ariffin, M., Baharudin, B. H. T. B., & Leman, Z. (2015). Minimizing makespan of a resource-constrained scheduling problem: A hybrid greedy and genetic algorithms. *International Journal of Industrial Engineering Computations*, 6(4), 503-520. (Scopus)
DOI: 10.5267/j.ijiec.2015.5.002
- 15) Delgoshaei, A., Parvin, M., & Ariffin, M. (2016). Evaluating impact of market changes on increasing cell-load variation in dynamic cellular manufacturing systems using a hybrid Tabu search and simulated annealing algorithms. *Decision Science Letters*, 5(2), 219-244. (Scopus)
DOI: 10.5267/j.dsl.2015.12.002
- 16) Delgoshaei, A., Al-Mudhafar, A., & Ariffin, M. K. A. (2016). Developing a new method for modifying over-allocated multi-mode resource constraint schedules in the presence of preemptive resources. *Decision Science Letters*, 5(4), 499-518. (Scopus)
DOI: 10.5267/j.dsl.2016.5.002
- 17) Delgoshaei, A., & Ali, A. (2019). Evolution of clustering techniques in designing cellular manufacturing systems: A state-of-art review. *International Journal of Industrial Engineering Computations*, 10(2), 177-198. (Scopus)
DOI: 10.5267/j.ijiec.2018.8.002
- 18) Delgoshaei, A., Aram, A., & Ali, A. (2019). A robust optimization approach for scheduling a supply chain system considering preventive maintenance and emergency services using a hybrid ant colony optimization and simulated annealing algorithm. *Uncertain Supply Chain Management*, 7(2), 251-274. (Scopus)
DOI: 10.5267/j.uscm.2018.10.001
- 19) Delgoshaei, A., Hanjani, S., & Nasiri, A., (2019). A genetic algorithm for scheduling multimode resource-constrained project problem in the presence of preemptive resources. *Journal of Project Management*, 4.3: 195-212 (Scopus).
- 20) Rezanoori, A., Ariffin, M.K.H., Delgoshaei, A., Jalil, N.A.A, Zulkefli, Z.A., (2019). Develop A New Method to Improve Safety of Passengers of Vehicles Using Intelligent Functions in Active Suspension System, *Journal of Engineering Solid Mechanics* (Scopus-Accepted Paper).

۵. سوابق کاری:

- مدرس دانشگاه- در مقاطع کارشناسی و کارشناسی ارشد مهندسی صنایع ۱۳۹۷-۱۳۹۸

- مدیر کنترل کیفیت-گروه صنعتی ماموت ۱۳۹۶-۱۳۹۷
- مدیر کنترل پروژه-شرکت مهندسی تکناب ۱۳۸۶-۱۳۹۰

۶. سوابق پروژه های علمی:

No. Project	Objective(s)	Period	
1	Fuzzy Supply Chain Management	Fuzzy Logic for Stochastic Supply Chain Management in the presence of Market Uncertainties	2017-2018
2	Re-scheduling Resource Over-allocated Multi-mode Project Planning Problems- UPM	Develop a New Method for Modifying Resource Over-allocation Project Planning	2015-2016
3	Application of Different Meta-heuristics in Scheduling Cellular Manufacturing Systems- UPM	Develop and compare performance of various advanced computing methods for scheduling complex mathematical models (Simulated Annealing, Ant Colony Optimization, Artificial Neural Networks)	2014-2015
4	Scheduling Dynamic Manufacturing Systems- UPM	Develop a New method for scheduling manufacturing systems in the presence of market changes	2014-2015

۸. مراجع علمی:

1- Prof. Abolfazl Mirzazadeh, Kharazmi University

Full Professor

Address: Faculty Engineering, Kharazmi University, Tehran, Iran

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Reason: Supervisor of my Postdoctoral Research Program (3 Published ISI papers)

2- Prof. Ahad Ali, Lawrence Technological University, Michigan, USA

Associate Professor

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Reason: Scientific Collaboration (10 Published Papers So far)

3- Prof. Chandima Gomes, University of Putra Malaysia
Full Professor
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Tel: 0060389466311
Reason: Lecturer (Research Methodology). Scientific Collaboration (3 ISI papers so far)

4- Professor Mohd Khairol Anuar Ariffin, University of Putra Malaysia
Full Professor
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Tel: [0060389464380](tel:0060389464380)
Reason: Supervisor of my PhD Program, Scientific Collaboration (10 Published Papers)