

12/10/2020



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- **Email address:** azizi@srbiau.ac.ir
- **Researcher ID (Thomson Reuters):** G-3102-2011
- **ORCID ID:** 0000-0001-7217-9503
- **Scopus ID:** 35104322800
- **H-index (google scholar):** 7
- **H-index (Scopus):** 6
- **Website:** <http://faculty.srbiau.ac.ir/a-azizi/en>
<http://scholar.google.com.my/citations?user=M14qmSoAAAAJ>

CURRENT POSITION

2016-present Assistant professor, Department of Industrial Engineering, Faculty of Engineering, Science and Research Branch, Islamic Azad University, Tehran, Iran

EDUCATION

- 2008-2013** Ph.D. Research Fellow in Manufacturing and Industrial Engineering field, Universiti Sains Malaysia (USM), Malaysia
- 2005-2007** MSc in Industrial and Systems Engineering field, Universiti Putra Malaysia (UPM), Malaysia
- 2000-2004** BSc in Industrial Engineering–Industrial Production field, Qazvin Islamic Azad University, Iran

AREAS OF EXPERTISE

- Uncertainty Modeling
- Regression Modeling
- Pattern Recognition
- Multi-Criteria Decision Making And Sensitivity Analysis
- Fuzzy Modeling
- Adaptive Neuro-Fuzzy Inference System
- Bayesian Inference System
- Gibbs Sampling
- Structural Equation Modelling
- Interpretive Structural Modelling
- Webqual
- SERVQUAL
- SERVPERF
- BSC
- BCG
- SWOT
- QSPM
- MALMQUIST
- Time Series Modeling
- Autoregressive Integrated Moving Average
- Machine Learning Classifier Artificial
- Artificial Neural Network
- GA
- Gene Expression Programming
- Value Stream Mapping

- DEA & Simulation Methods In Lean Production System
- Flexible & Agile Systems
- Line Balancing
- Operation Management
- Manufacturing Systems
- Project Management
- Strategic Planning
- Productivity Measurement & Management
- Total Quality Management
- Quality Engineering
- EFQM
- RADAR
- Total Productive Maintenance
- Supply Chain Management
- Inventory Management
- Production Control
- Human Factors Engineering

SOFTWARE SKILLS

- Microsoft Office
- Primavera P6
- Ms Project (Msp)
- Minitab
- Spss
- Matlab
- Toolbox(Fuzzy/Anfis/Nntool, Ga/Preventive Maintenance)
- Simulink
- Winbugs
- Expert Choice
- Super Decision
- Weka
- Visual Foxpro
- Win Qsb
- Lingo
- Lindo
- Arena
- Aldep
- Myob
- Flow Chart
- Visio
- Tecnomatix
- Lisrel
- Endnote
- Smartpls
- Comfar
- Deap
- Dea Solver
- Topsis Solver
- Rapidminer
- Eviews
- Vensim
- Genexpro
- Genie

SELECTED ACADEMIC TEACHING EXPERIENCES IN ENGLISH

- 2016-present** Full Time Assistant Professor, too many courses at Department of Industrial Engineering, Science and Research Branch, Islamic Azad University, Tehran, Iran
- 2015-present** Part time teacher, courses: decision making theory, design of experiment, and human resource management, ... at Qeshm & electronic branches of Islamic Azad University
- 2015- 2016** Teacher in many private institutes for too many academic & industrial courses, Tehran, Iran
- 2013-2015** Full time lecturer, courses: Project Management, lean production system, and Manufacturing Systems,... at Universiti Malaysia Pahang, Malaysia
- 2009-2010** Part-time lecturer, courses: Engineering Metrology and Quality Control at Paramount College of Technology, (Partner of International University College of Technology Twintech), Prai, Penang, Malaysia
- 2007-2008** Part-time lecturer, courses: Innovation Management & management principles at Kuala Lumpur Infrastructure University College, Malaysia
- 2006-2007** Teacher assistance, courses: Total Quality Management & operation management at Universiti Putra Malaysia (UPM), Serdang, Selangor, Malaysia
- 2002-2004** Teacher assistance, courses: Inventory Control and Planning, Production Planning, Operations Research, Manufacturing Systems Design, and Quality Control at Qazvin Islamic Azad University, Qazvin, Iran

2002-2003 Tutor in many private institutes, courses: Internet, Microsoft Excel and Computer Application for Academic Researches at Qazvin Islamic Azad University, Qazvin, Iran

SELECTED INDUSTRIAL WORK EXPERIENCES

2018-2020 Head of ranking & evaluation department of university, think tank of Islamic Azad university, Tehran. Iran.

2016-2017 Working on production planning at Engineering and Process Development Division, Research Institute of Petroleum Industry, Tehran, Iran

2015-2016 Head of research department, Kish institute of science and technology. No. 46, Kish Alley, Jordan Street, Tehran, Iran

2015- Present Consultant, inspector, evaluator for implementing the engineering processes and management systems in private companies, Tehran

2015-2015 CEO of Atlas compressor Kara, Tehran, Iran

2013-2015 Optimizing the production lines at Mercedes-Benz Company, Pekan city, Pahang, Malaysia

2010-2013 Project Manager and production planner and controller, Alvand tile and ceramic industry company, Alborz Industrial City, Ghazvin, Iran

2011-2012 Cutting Laboratory, Universti Sains Malaysia, Penang, Malaysia

2010-2011 Casting Laboratory, Universti Sains Malaysia, Penang, Malaysia

2009-2010 Working on air compressor filter, air filter engineering, Shah Alam, Malaysia

2008-2009 Working on oil and gas project at petronas company, Malaysia

2007-2008 Quality and assembly division at Proton Company, Selangor, Malaysia

2004-2005 Maintenance Planner, Kelach Pipe Factory, Alborz Industrial City, Qazvin, Iran

2004-2005 Quality Controller and Auditor, Tehran Compressor Company, No.164, Shariaty Ave, Tehran, Iran

2003-2004 Inventory engineer and planner, Abgineh Glass factory, Alborz Industrial City, Qazvin, Iran

2003-2004 Project Planner and Control Manager, Tehran Compressor Company, Tehran, Iran

2002-2003 ISO 9001 project manager, Shahamdaran Factory, Lia Industrial Town, Qazvin, Iran

SELECTED INDUSTRIAL PROJECTS

2020 Sales prediction & Productivity measurement for automobiles, Tehran, Iran

2019 Customer segmentation at a private bank, Tehran, Iran

2018 Strategic Planning control and project management, at Tavanir company, Tehran, Iran

2017 Strategic Planning at Kish institute of science and technology, Kish Island, Iran

2016 Strategic Planning at Tavan company, Tehran, Iran

2013-2015	Development of Genetic Algorithm for the Travelling Salesman Problem with Precedence Constraints, Universiti Malaysia Pahang, Malaysia
2013-2015	Development of Decision model for implementing lean manufacturing methods using TOPSIS and AHP in Fuzzy Environment, Universiti Malaysia Pahang, Malaysia
2010-2011	Research opportunity on production planning & control under uncertain conditions, under supervision pf Prof. David Goldsman, Georgia Institute of Technology, USA
2009-2012	Model Development and Comparative Study of Bayesian, ANFIS, and Bayesian-ARIMA for Uncertain Variables of Production Line in Tile Industry, Case study, Alvand tile factory in Iran, University Sains Malaysia, Penang, Malaysia
2008	A Quest on Staff Performance Measurement - A Case Study on Manufacturing Sectors in Pulau Pinang, University Technology Mara (UiTM), Malaysia
2005-2007	Ranking of Total Quality Management's Critical Techniques in Malaysia Automotive Industries, University Putra Malaysia, Malaysia
2004-2005	Maintenance Planning Development for Tube Industry, Kelach Factory, Alborz Industrial City, Qazvin, Iran
2004	Inventory controlling and planning, Abgineh Glass factory, Alborz Industrial Town, Qazvin, Iran
2003-2004	Project Planning for developing Pipe Industries (feasibility study), Alborz Industrial Town, Qazvin Islamic Azad University, Qazvin, Iran
2003-2004	Setting up new production line, Tehran Compressor Company, Shariati St., Tehran, Iran
2002-2003	Implementation of ISO 9001, Shahamdaran Factory, Lia Industrial Town, Qazvin, Iran

SELECTED PROFESSIONAL TRAININGS AND CERTIFICATIONS

2015	Microsoft Technology Associate (MTA), Tehran, Iran
2014	Tribology in mold & Die technology, Malaysia
2013	Develop your teaching plan- OBE Approach, UMP, Malaysia
2013	Quality Management, Malaysia
2013	Teaching excellence in higher education, UPM, Malaysia
2009	Statistical analysis (10-11 August), Postgraduate research methodology (15-25 June), Academic Integrity and Plagiarism (19 January), Occupational Safety and Health (28 February), writing a good paper at Institute of postgraduate study, Universiti Sains Malaysia (USM), Malaysia
2007	MATLAB Fundamental Programming Techniques with SIMULINK (21 July) at Institute of Electrical and Electronic Engineers Inc. (IEEE Malaysia Section), Faculty of Engineering, Universiti Kebangsaan Malaysia, Malaysia
2006	English Conversation- Intermediate level, British Council
2003	Quality Internal Auditor, Statistical Process Control (SPC), ISO 9001:2000 Introductory and Documentation accredit by Moody International Certification (MIC), Primavera accredit by Iran Ministry of Employment and Social Affairs,

State Organization for Technical and Professional Training

- 2002** Quality Controller, Quality Assurance Expert, Internet and Microsoft Excel
accredit by Iran Ministry of Employment and Social Affairs, State Organization
for Technical and Professional Training

**SELECTED TAUGHT COURSES (as senior lecturer
and assistant professor) for almost 1000
students**

1. Strategic Planning
2. Manufacturing Systems
3. Project Management
4. Supply Chain Management
5. Innovation Management
6. Operation Management
7. Organizational Excellence
8. Management & Planning Principles
9. Process Reengineering
10. Statistical Analysis
11. Inventory Control & Planning
12. Production Control & Planning
13. Lean Production System
14. Advanced Lean Production System
15. Total Quality Management
16. Metrology & Quality Control
17. Time & Work Productivity Measurement
18. Total Productive Maintenance
19. Feasibility Study & Business Plan
20. English Language For Industrial Engineers
21. System Design & Analysis
22. Decision Theory
23. Human Factors Engineering & Ergonomics, Internet Of Thing
24. Flexible Manufacturing Systems
25. Fuzzy Logic & Fuzzy Applications

SELECTED PAPER PUBLICATIONS

1. Mohammad Javad Ershadi, Mojtaba Sadeghi, **Amir Azizi** (2020). A Structural Equation Method for Improving Customer Satisfaction of E-Commerce Websites Using the Hybrid Approach of QFD and WebQual. International Journal of Quality Engineering and Technology. Vol. 8, No. 1. pp. 77–105, 10.1504/IJQET.2020.10032526.
2. Aynaz Ashtarian Esfahani, Mohammad Javad Ershadi, **Amir Azizi** (2020). Monitoring Indicators of Research Data using I-MR Control Charts, Iranian Journal of information processing & management, Iranian Research Institute for Information Science and Technology (IranDoc). ISSN 2251-8223, eISSN 2251-8231, Indexed by SCOPUS, ISC, & LISTA, Vol. 35, No. 4. pp. 953–978.
3. **Amir Azizi** & Mohammad Sarvar masouleh (2019), simulation and optimization model of the performance of processes at signoff units-Automotive industry, international journal of industrial engineering and production research, industrial and science university. 30: 489- 505 .DOI: 10.22068/ijiepr.30.4.489.
4. Iman Nematollahi and **Amir Azizi** (2019). A fuzzy data envelopment analysis based on algorithm for performance assessment of proactive safety in safety-critical units. 9th international conference on fuzzy information and engineering. The 9th International

- Conference of Fuzzy Information and Engineering. Kish Island, Iran. February 13-15, 2019.
5. **Azizi, A** (2018). Comparative and analysis quality award between Iran and India, international conference on applied research in management & industrial engineering, Tehran.
 6. Abar, A, **Azizi, A** (2018). The relationship between metacognitive skills and motivation on the academic achievement of primary school student, 3rd international conference on modern approached in humanities, management, economics and accounting, Ukraine, Kiev.
 7. **Azizi, A** (2018). Examining the types of project risks and managing and assessing the risk of the strategy modern, international conference on applied research in management & industrial engineering, Tehran.
 8. **Amir Azizi** (2018), the role of emotional intelligence in academic achievement and mental health of female students, 3rd international conference on modern approaches in humanities, management, economic and accounting, 10 Feb 2018. Kiev, Ukraine.
 9. **Amir azizi** (2017), Business clusters of small and medium enterprises for developing countries, 2nd, international conference on opportunities and challenges in management, economics and accounting, October 20, Tehran.
 10. Dehdar, **Azizi** & Aghabeigi (2018). Supply chain risk mitigation strategies in automotive industry: A review. IEEE- industrial engineering and engineering management (IEEM). 10.1109/IEEM.2018.8607626.
 11. Zohreh Momeni & **Amir Azizi** (2018). Current order and inventory models in manufacturing environments: a review from 2008 to 2018, international journal of online engineering, 14(06):223. DOI: 10.3991/ijoe.v14i06.8055.
 12. Atieh Tavakoli and **Amir Azizi** (2018), Models, Techniques and Indicators of Quality Management Assessment in Manufacturing Industries Over the Past Decade, International Journal of Applied Research in Management and Economics, Volume: 1, Issue: 3, Page 1-13. doi.org/10.33422/IJARME.2018.10.40.
 13. Zohreh Momeni & **Amir Azizi** (2018), critical problems and factors in inventory and order models: A review from 2008 to 2018, international journal of mechanical and production engineering research and development, 8 (1).
 14. **Amir Azizi** (2018), the role of emotional intelligence in academic achievement and mental health 3rd international conference on modern approaches in humanities, management, economic and accounting, 10 Feb 2018. Kiev, Ukraine.
 15. Alireza Heidarzadeh Hanzae, **Amir Azizi**, Leila Barati, (2017). Relationship between Financial Disclosure and Trading Value - A Case Study: Tehran Securities Exchange, European Online Journal of Natural and Social Sciences, Vol. 6, No.1(s) Special Issue on Economic and Social Progress, ISSN 1805-3602.
 16. **Amir azizi** (2017), Business clusters of small and medium enterprises for developing countries, 2nd, international conference on opportunities and challenges in management, economics and accounting, October 20, 2017, Iran, Tehran.
 17. Robab Khayat Ghavami, Fatemeh Kameli, Ali Shirojan, and **Amir Azizi** (2016). Effects of surfactants on sulfation of negative active material in lead acid battery under PSOC condition, Journal of Energy Storage 7, 121–130. Elsevier, <http://dx.doi.org/10.1016/j.est.2016.06.002>.
 18. **Amir Azizi** (2015). Evaluation Improvement of Production Productivity Performance using Statistical Process Control, Overall Equipment Efficiency, and Autonomous Maintenance, Procedia Manufacturing, Elsevier, Procedia Manufacturing, Volume 2, 2015, Pages 186-190. <http://dx.doi.org/10.1016/j.promfg.2015.07.032>.
 19. **Amir Azizi** (2015). A Fuzzy TOPSIS Model to Rank Automotive Suppliers, Procedia Manufacturing, Elsevier, Procedia Manufacturing, Volume 2, 2015, Pages 159-164. <http://dx.doi.org/10.1016/j.promfg.2015.07.028>.
 20. **Amir Azizi** (2015). Designing a Future Value Stream Mapping to Reduce Lead Time using SMED-A Case Study, Procedia Manufacturing, Elsevier, Procedia Manufacturing, Volume 2, 2015, Pages 153-158, <http://dx.doi.org/10.1016/j.promfg.2015.07.027>.
 21. **Amir Azizi** (2015). An Integrated Framework of Critical Techniques in Implementation of Total Quality Management, Proceedings of the 2015 International Conference on Industrial Engineering and Operations Management Dubai, United Arab Emirates (UAE), IEEE.

22. **Amir Azizi**, Daniel Osezua Aikhuele (2015). An Integrated Model of Kano and Quality Function Deployment for Evaluation of Lean Production Tools in Assembly Environment, Proceedings of the 2015 International Conference on Industrial Engineering and Operations Management Dubai, United Arab Emirates (UAE), IEEE, pp 1 - 6, DOI: 10.1109/IEOM.2015.7228097.
23. **Amir Azizi** (2015). Relationships between Total Quality Management Critical Techniques in Automotive Industry, Proceedings of the 2015 International Conference on Industrial Engineering and Operations Management Dubai, United Arab Emirates (UAE), IEEE.
24. Mohammad Alaghebandha, Mojtaba Hemmati, and **Amir Azizi** (2015). A Multi-Objective Sequencing Problem in a Mixed-Model Assembly Line using Metaheuristic Algorithms in JIT manufacturing, International Journal of Engineering Innovation and Research, ISSN : 2277-5668.
25. Ramin Behbamdadeh, Mohammad Alaghebandha, **Amir Azizi** (2015). A Mixed-Integer Model with Genetic Algorithm for Multi-Objective Assembly Line Balancing Problem in Fuzzy Manufacturing Environment, International Journal of Engineering Innovation and Research, Volume 4, Issue 1, ISSN: 2277-5668.
26. **Amir Azizi**, Yones Yarmohammadi, Ali Yasini and Amirhosein Sadeghifard (2015). A Queuing Model to Reduce Energy Consumption and Pollutants Production through Transportation Vehicles in Green Supply Chain Management, Journal of Scientific Research and Reports, ISSN: 2320-0227, Vol.: 5, Issue: 7. Page 571-581, DOI: 10.9734/JSRR/2015/15376. ISSN: 2320-0227.
27. **Amir Azizi**, Yones Yarmohammadi, Ali Yasini (2015). Superior Supplier Selection - A Joint Approach of Taguchi, AHP, and Fuzzy Multi-Objective Programming, Australian Journal of Basic and Applied Sciences, 9 (2), Pages: 163-170.
28. **Amir Azizi**, Amir Yazid b. Ali, Loh Wei Ping, and Mohammadzadeh, M. (2015). Production Uncertainties Modeling By Bayesian Inference Using Gibbs Sampling. South African Journal of Industrial Engineering. 26 (3), pp 27-40. <http://dx.doi.org/10.7166/26-3-572>.
29. **Amir Azizi**, Amir Yazid b. Ali, Loh Wei Ping, (2015). Production Uncertainties Modeling Using Adaptive Neuro-Fuzzy Inference System. South African Journal of Industrial Engineering. 26 (1), pp 224-234. DOI: <http://dx.doi.org/10.7166/26-1-560>.
30. **Amir Azizi**, Shahryar Sorooshian (2015). Different Approaches to Overcome Uncertainties of Production Systems, International Conference on Mathematics, Engineering & Industrial Applications (ICoMEIA 2014), Penang, Malaysia. <https://doi.org/10.1063/1.4915870>.
31. Zohreh Molamohamadi, Rahman Arshizadeh, Napsiah Ismail, and **Amir Azizi** (2014), An Economic Order Quantity Model with Completely Backordering and Nondecreasing Demand under Two-Level Trade Credit, Advances in Decision Sciences, Hindawi Publishing Corporation, December issue, Article ID 340135, pp. 11, <http://dx.doi.org/10.1155/2014/340135>.
32. **Amir Azizi** (2014). Risks Evaluation of Sahand New Town 1226 Housing Project, Journal of Basic and Applied Research international.
33. **Amir Azizi**, (2014). Integration of seasonal autoregressive integrated moving average and Bayesian methods to predict production throughput under random variables, Journal of Mechanical Engineering and Sciences (JMES).Volume 7, pp. 1236-1250, December 2014. <http://dx.doi.org/10.15282/jmes.7.2014.23.0121>.
34. Hamid, N.S.S., Aziz, F.A., **Azizi, A.** (2014), Virtual reality applications in manufacturing system, Proceedings of 2014 Science and Information Conference, IEEE Xplore, SAI 2014, Indexed in Scopus, pp 1034-1037. 10.1109/SAI.2014.6918317.
35. **Amir Azizi** (2014). A Decision Model to Assess Current Methods in Capacity Planning for Semiconductor Industry, Australian Journal of Basic and Applied Sciences, 8(15) Special 2014, pp. 319-325.
36. Daniel Osezua Aikhuele, Fathi S. Souleman , **Amir Azizi**, (2014). Application of Fuzzy AHP for Ranking Critical Success Factors for the Successful Implementation of Lean Production Technique, Australian Journal of Basic and Applied Sciences, 8(18) December 2014, pp. 399-407.

37. Ismed Iskandar, Soroush Avakh Darestani, S. Ghavami, Amir Azizi, (2014). Supplier Selection Problem: A Multi-Objective Model Considering Both All-Unit and Incremental Discounts with Multiple-Items, *Applied Mechanics and Materials*, Vol. 606 (2014), pp. 271-275. indexed in Scopus. <http://dx.doi.org/10.4028/www.scientific.net/amm.606.271>.
38. Amir Azizi, Raziieh maleki, (2014). Comparative Study of AHP and ANP on Multi-Automotive Suppliers with Multi-Criteria, IAENG International Conference on Industrial Engineering, IMECS 2014, Hong Kong.
39. Soroush Avakh Darestani, Samane Ghavami, Amir Azizi, (2013). Supply Chain Management: Supplier Selection Problem with multi-objective Considering Incremental Discount. *Asia Pacific Industrial Engineering and Management System*.
40. Seyed Mehrshad Parvin Hosseini, Lau Sow Lin, Amir Azizi, (2013). A study on the export of small and medium enterprises in the manufacturing sector based on firm level data. *Intentional conference on business, accounting, finance, and economics*. pp 285-293.
41. Amir Azizi, (2013). An Integrated Approach Based on SARIMA and Bayesian to Estimate Production Throughput under Five Random Variables, *Proceedings of Malaysian Technical Universities Conference on Engineering & Technology (MUCET)*.
42. Shahryar Sorooshian, Amir Azizi (2013). Fuzzy Bases, *World Applied Sciences Journal* 26 (10), pp. 1335-1339.
43. Amir Azizi, Amir Yazid b Ali, Loh Wei Ping (2013). An Adaptive Neuro-Fuzzy Inference System for a Dynamic Production Environment under Uncertainties, *World Applied Sciences Journal* 25 (3), pp. 428-433. 10.5829/idosi.wasj.2013.25.03.63.
44. Amir Azizi (2013). Supplier Selection Problem: A Multi-Objective Model Considering Both All-Unit and Incremental Discounts with Multiple-Item, 1st International conference of Materials, Industrial, and Manufacturing Engineering (MIMEC 2013), Universiti Teknologi Malaysia.
45. Amir Azizi, Amir Yazid b. Ali, Loh Wei Ping, Mohsen Mohammadzadeh, Mohammad Modarres Yazdi, (2013). Two Robust Approaches for Estimating Production Throughput Volume under Multi-Uncertain Variables in Multi-Product and Multi-Stage Production Systems. *Iranian Journal of Science and Technology Transaction B-Engineering*.
46. Amir Azizi, Amir Yazid b. Ali, Loh Wei Ping, (2013). A Classification of Methodologies to Tackle Uncertain Factors of Production Lines. *Caspian journal of applied sciences research*.
47. Amir Azizi, Amir Yazid b. Ali, Loh Wei Ping, and Mohammadzadeh, M. (2012). Estimating and Modeling Uncertainties Affecting Production Throughput using ARIMA-Multiple Linear Regression, *Advanced Materials Research*, Volume 488–489, pp 1263-1267. Indexed by: CNKI, EBSCO, WorldCat, Google Scholar, Engineering and Technology Digital Library, Trans Tech Publications, doi:10.4028/www.scientific.net/AMR.488-489.1263. Cited in Scopus.
48. Amir Azizi, Amir Yazid b. Ali, Loh Wei Ping, and Mohammadzadeh, M. (2012). A Hybrid model of ARIMA and Multiple Polynomial Regression for Uncertainties Modeling of a Serial Production Line. Paper published in proceeding of International Conference on Engineering and Technology Management (ICETM), P-ISSN 2010-376X and E-ISSN 2010-3778, indexed by Excellence in Research for Australia (ERA), Google Scholar, Scopus, Compendex, Thomson Reuters, WorldCat, EBSCO, GALE, Embase, Reaxys, Engineering Village/Engineering Index (EI), Library of Congress, British Library, Kuala Lumpur, Malaysia, Issue 62, pp 63-68.
49. Amir Azizi, Amir Yazid b. Ali, Loh Wei Ping, and Mohsen Mohammadzadeh (2012). A Hybrid Model of ARIMA and Multiple Polynomial Regression for Uncertainties Modeling of a Serial Production Line. *International Journal of Industrial and Manufacturing Engineering*, Issue 6, pp 87-92.
50. Amir Azizi, Amir Yazid b. Ali, Loh Wei Ping, (2012). Model Development and Comparative Study of Bayesian and ANFIS Inferences for Uncertain Variables of Production Line in Tile Industry. *WSEAS Transactions on Systems*, WSEAS Press (Sofia Bulgaria), P-ISSN1109-2777, E-ISSN 2224-2678, Volume 11, Issue 1, pp 22-37. H Index: 12, Cited in Scopus.

51. **Amir Azizi**, Amir Yazid b. Ali, Loh Wei Ping, (2012). Production Throughput Modeling under Five Uncertain Variables using Bayesian Inference. World Academy of Science, Engineering and Technology, Issue 69, pp 530-537.
52. **Amir Azizi**, Amir Yazid b. Ali, Loh Wei Ping, (2012). Bayesian-ARIMA and ANFIS Approaches to handle Uncertainties of Production Systems. The International Journal of Advanced Manufacturing Technology, P-ISSN 0268-3768, E-ISSN 1433-3015, Springer.
53. **Amir Azizi**, Amir Yazid b. Ali, Loh Wei Ping, (2011). An Adaptive Neuro-Fuzzy Inference System of Throughput under Production Uncertainties. Scientific Research and Essays (SRE). ISSN 1992-2248.
54. **Amir Azizi**, Amir Yazid b. Ali, Loh Wei Ping, (2011). Prediction of the Production Throughput under Uncertain Conditions Using ANFIS: A Case Study. International Journal for Advances in Computer Science, ISSN 2218-6638, Volume 2, Issue 4, pp 27-32.
55. **Amir Azizi**, Amir Yazid b. Ali, Loh Wei Ping, (2011). A Review of Different Approaches to Handle the Uncertainties of Production System. The International Journal of Advanced Manufacturing Technology, P-ISSN 0268-3768, E-ISSN 1433-3015, Springer.
56. **Amir Azizi**, Amir Yazid b. Ali, Loh Wei Ping, (2011). Bayesian Inference using Gibbs Sampling for Throughput Modeling under Production Uncertainties. Scientific Research and Essays (SRE). ISSN 1992-2248.
57. **Amir Azizi**, Amir Yazid b. Ali, and Loh Wei Ping (2011). A Bayesian Model to Formulate the Uncertain Factors in Manufacturing Environments. Mechanical and Aerospace Engineering Research Colloquium, University Sains Malaysia, Penang, Malaysia.
58. **Amir Azizi**, Amir Yazid b. Ali, Loh Wei Ping, and Mohammadzadeh, M. (2011). A Bayesian Autoregressive Integrated Moving Average Model for Estimating the Production Throughput under Uncertain Conditions: A Case Study, International Journal for Advances in Computer Science, ISSN 2218-6638, Volume 2, Issue 4. pp 5-10.
59. **Amir Azizi** & Shahrul b. Kamaruddin (2009). Performance Preference of Capacity Planning Methods in Semiconductor Industry, The 14th Annual International Conference on Industrial Engineering Theory, Applications & Practice, Anaheim, California, USA.
60. **Amir Azizi** & Shahrul b. Kamaruddin (2009). Capacity Planning Method Selection Model. Paper published in proceeding of the International Conference on Science, Technology and Innovation for Sustainable Well-Being (STISWB), Maharakham University, Thailand, 23-24 July. http://202.28.32.231/symp/doc/fullpaper/330_full.doc.
61. **Amir Azizi** & Shahrul b. Kamaruddin (2009). Methods and Problems on Medium Term-Capacity Planning, Asia Pacific Industrial Engineering and Management Systems Conference (APIEMS), Kitakyushu, Japan, 14-16 December.
62. **Azizi, A.** (2008). A Quest on Staff Performance Measurement; A Case Study on Manufacturing Sectors in Pulau Pinang, 9th Asia Pacific Industrial Engineering and Management Systems Conference, Nusa Dua Beach Hotel, Bali, Indonesia, 3-5 December.
63. **Azizi, A.** (2008). Contribution of Total Quality Management Critical Techniques Considering Voice of Customer, 11th Asia Pacific Regional Meeting of International Foundation for Production Research, Nusa Dua Beach Hotel, Bali, Indonesia, 3-5 December.
64. **Amir Azizi** (2008). Performance Preference of Total Quality Management Critical Techniques with respect to Voice of Employee, International Conference on Science and Technology: Application in Industry and Education, Dewan Seminar Utama, Mara University of Technology (UiTM), Pulau Pinang, Malaysia, 12-13 December.
65. **Amir Azizi** & Shahrul b. Kamaruddin (2008). A review on the methods of Shop Floor Capacity Planning and Scheduling for Semiconductor Industry. Paper published in proceeding of the 9th Asia Pacific Industrial Engineering & Management Systems Conference, pp. 2946-2952.
66. **Amir Azizi** & Shahrul b. Kamaruddin (2008). Shop Floor Capacity Planning and Scheduling Problems. Paper published in proceeding of the International Conference on

- Science & Technology: Applications in Industry & Education, Universiti Teknologi MARA, Pulau Pinang, Malaysia, pp. 1545-1551.
67. **Amir Azizi**, M.Y.Ismail and N Ismail (2007). Efficiency Contribution of Total Quality Management's Critical Techniques, 5th International Industrial Engineering Conference, Tehran, Iran, February.
 68. **Amir Azizi**, M.Y.Ismail and N Ismail and S.M. Sapuan (2007). An AHP Model based on Training Planning of Total Quality Management's Critical Techniques, World Engineering Congress's proceeding, Penang, Malaysia, 5-9 August, pp 255-260.
 69. **Azizi, A.** (2007). Satisfactory Prediction of Performance of Total Quality Management Critical Techniques, 13th Asia Pacific Management Conference's proceeding (APMC-2007), Melbourne, Australia, 18-20 November, pp 322-337.
 70. **Amir Azizi**, M.Y.Ismail and N Ismail (2006). The Integration of TQM Operational and Critical Tools and Techniques, International Student Conference, Yeditepe University, Department of Mechanical Engineering, Istanbul, Turkey, May 26-28.
 71. **Amir Azizi**, M.Y.Ismail and N Ismail and S.M. Sapuan (2006). Optimum Ranking of Total Quality Management Operational and Critical Tools and Techniques (TQM OCTs), International Conference on Science and Technology: Application in Industry and Education, Dewan Seminar Utama, Mara University of Technology (UiTM), Pulau Pinang, Malaysia, 8-9 December.
 72. **Amir Azizi**, M.Y.Ismail and N Ismail (2005). Investigating on Supply Chain Management, International Advanced Technology Congress (ATCi), Marriott Hotel, Putrajaya, Malaysia, 6-8 December. P. 101.
 73. **Amir Azizi**, M.Y.Ismail and N Ismail (2005). Effectiveness of the Decision Support System on the Supply Chain Management, International Conference on Spatial and Computational Engineering (SPACE), Marriott Hotel, Putrajaya, Malaysia, 6-8 December.
 74. **Amir Azizi**, M.Y.Ismail and N Ismail (2005). Effectiveness of the Decision Support System on the Supply Chain Management, International Workshop on Spatial Planning and Decision Support System, Malaysian Center For Remote Sensing (MACRES), Kuala Lumpur, Malaysia, December 8-9. P. 8.

DISSERTATION & THESES SUPERVISIONS (2013-PRESENT)

10 PhD students
60 MSc Students
10 undergraduate students

MEMBER OF JOURNAL EDITORIAL BOARD

2019-Present	Editorial Board of International research journal of modernization in engineering technology and science
2019-Present	Editorial advisory board of international journal of research and innovation in engineering technology (IJRIET)
2017-Present	Associate editors of International Journal of Advanced Engineering, Management And Science
2016-Present	Editorial Board of International Journal of Applied Engineering and Technology
2015-Present	Advisory Board Member of The World Academy of Research in Science And Engineering
2014-Present	Editorial Board of Journal of Control Science and Engineering
2014-Present	International Editorial Board of International Institute Of Science Engineering & Management
2014-Present	Editor Board Members of Athens Journal of Technology & Engineering (AJTE)
2014-Present	Editor Board Members of International Journal of Research Studies in Science, Engineering and Technology (IJRSSET)
2014-Present	Editor in European International Journal of Applied Science and Technology
2013-Present	Editor of International Journal of Modern Sciences and Engineering

2013-Present	Editorial board of International Journal of Research Studies in Science, Engineering and Technology
2013-Present	Editorial board of International Journal of Intelligent Information Processing
2013-Present	Editorial board of international journal of research studies in science, engineering and technology

CONFERENCE CHAIRPERSON, TECHNICAL COMMITTEE, AND REVIEWER

2016-2020	Reviewer of too many Journals & Session chair of too many conferences in Iran
2015	Technical Committee for International Postgraduate Network Conference on Industrial Technology, Langkawi, Malaysia
2015	Reviewer for the International Conference on Industrial Engineering and Operations Management (IEOM), Hyatt Regency, United Arab Emirates
2015	Technical Committee member of The Fifth International Conference on Industrial Engineering and Operations Management at Hyatt Regency Dubai, March 3-5, 2015
2015	Conference chair of The World Academy of Research in Science and Engineering (ICACSET 2015)
2015	Session chair of The Fifth International Conference on Industrial Engineering and Operations Management at Hyatt Regency Dubai, March 3-5, 2015
2014	Organizer of special session of international conference on robotics, control and manufacturing technology in Kuala Lumpur
2014	Program committee member of The World Academy of Research in Science and Engineering (ICETETS 2014)
2014	Technical committee member of International Conference on Engineering Management (ICM) October 2014
2014	Session chair of International Multiconference of Engineers and Computer Scientist, Hong Kong
2014	Session chair of International Conference on Mathematics, Engineering & Industrial Applications, Pinang, Malaysia
2014	Session chair of IAENG international conference on industrial engineering
2014	Session chair of International Conference on Material, Mechatronics, Manufacturing and Mechanical Engineering (ICMMM 2014) kuching, sarawak, Malaysia, October 24-25, 2014

ISI JOURNAL REVIEWER (2009-PRESENT)

1. International Journal Of Quality And Reliability Management
2. International Journal of Advanced Manufacturing Technology (indexed in ISI), editor name: Dr. B. john Davies
3. European Journal of Operational Research (indexed in ISI), editor name: Dr. Lorenzo Peccati

ACADEMIC RESEARCH PROJECTS USING GRANTS

2013-2015	Inventory & Supply Chain control using Radio-frequency identification technology in manufacturing sector, Universiti Malaysia Pahang, Malaysia
2013-2015	Multi-mode Failures Modelings in Reliability Engineering Systems with Bayesian Analysis Approach, Universiti Malaysia Pahang, Malaysia
2013-2015	Development of Genetic Algorithm for the Travelling Salesman Problem with Precedence Constraints, Universiti Malaysia Pahang, Malaysia
2013-2015	Development of Decision model for implementing lean manufacturing methods using TOPSIS and AHP in Fuzzy Environment, Universiti Malaysia Pahang, Malaysia
2009-2012	Model Development and Comparative Study of Bayesian, ANFIS, and Bayesian-ARIMA for Uncertain Variables of Production Line in Tile Industry,

	Case study: Alvand tile factory in Iran, University Sains Malaysia, Penang, Malaysia
2008-2010	A robust Bayesian model for Capacity planning in semiconductor industry, University Sains Malaysia, Penang, Malaysia
2008	A Quest on Staff Performance Measurement-A Case Study on Manufacturing Sectors in Pulau Pinang, University Technology Mara (UiTM), Malaysia
2005-2007	Ranking of Total Quality Management's Critical Techniques in Malaysia Automotive Industries, University Putra Malaysia, Malaysia
2004-2005	Maintenance Planning Development for Tube Industry, Kelach Factory, Alborz Industrial City, Qazvin, Iran
2004	Inventory controlling and planning, Abgineh Glass factory, Alborz Industrial Town, Qazvin, Iran
2003-2004	Project Planning for developing Tube Industries (feasibility study), Alborz Industrial Town, Qazvin, Iran
2003-2004	Setting up new production line, Tehran Compressor Company, Tehran, Iran
2002-2003	Implementation of ISO 9001, Shahamdaran Factory, Lia Industrial Town, Qazvin, Iran

AWARDS

1. Merit award as best paper for IAENG international conference on industrial engineering, 2014
2. Top 15% of Students in Universiti Sains Malaysia (USM), 2012
3. Postgraduate scheme grant by Universiti Sains Malaysia (USM), 2009-2012
4. Graduate assistance grant by Universiti Sains Malaysia (USM), 2010-2011
5. Doctoral Fellowship by Universiti Sains Malaysia (USM), 2008-2010
6. University of Malaya Fellowship Scheme Award, 2007-2008
7. 1000 US \$ award by American Society of Mechanical Engineers (ASME) at the International Student Conference, Yeditepe University, Istanbul, Turkey, 2006

MEMBERSHIPS IN PROFESSIONAL INSTITUTES

2019- Present	Iran Project Management Association (IPMA)
2016- Present	Iranian National Standards Organization (INSO)
2013-Present	IAENG Society of Industrial Engineering
2009-Present	International Society of Iranians in IE-OR
2007-Present	International Society on Multiple Criteria Decision Making
2006-Present	Institute of Industrial Engineers (IIE)
2006-Present	American Society of Mechanical Engineers (ASME)
2002-Present	Iran Industrial Engineering Institute (IIE)
2002-2004	Member of directors and establisher of the Association for Qazvin Industrial Engineering (AQIE)