

Curriculum Vita



Personal Specifications

Name: **Mohammad Ali**

Surname: **Sobhanallahi**

Date of Birth: **15/04/1948**

Nationality: **Iranian**

Education

BSc: Mathematics, Tabriz University, Tabriz, Iran, 1973.

MSc: Mathematics, Tabriz University, Tabriz, Iran, 1975.

M.A: Public Administration, Tabriz University, Tabriz, Iran, 1991.

PhD.: Industrial Engineering, Swinburne University of Technology, Australia, 1996.

Present Scientific & Administrative Position

Chancellor of Kharazmi University since 2013

Professor of Industrial Engineering

Address

Kharazmi University

43South Mofatteh Ave.Tehran, 15719-14911, I. R. Iran

Tel. +98 21 88825010

Fax. +98 21 88830857

Email: Sobhanallahi@khu.ac.ir, Sobhanallahi@yahoo.com

Foreign Language: English

Research Interests

- 1- Engineering and Management of Quality and Productivity.
- 2- Engineering Economics
- 3- Research Methodology
- 4- Strategic Management
- 5- Organization and Leadership
- 6- Advanced Strategic Planning
- 7- Quality Management

Selected Administrative Positions

- 1- Imam Khomeini's representative in Jihad at Eastern Azerbaijan Province in 1978 - 1979.
- 2- Member of Parliament on 4 courses of Tabriz (Member of the Planning and Budget Commission– Responsibility of Social Group Commission – Head of Iran-Japan Parliamentary Friendship Group – Head Board Member of Parliament) .
- 3- Chairman of the Institute for Research and Management Training, Ministry of Energy and Senior Advisor of Energy Minister in 1996- 1998.
- 4- Deputy Minister for Parliamentary and Legal Affairs, Ministry of Science, Research and Technology 1997 - 2000.
- 5- Vice President for Parliamentary and Provinces Affairs, Management and Planning Organization 2000- 2002.
- 6- Chairman of Managing Board, Iran's National Productivity Organization, 2000- 2002.
- 7- Iran's Representative to the Asian Productivity Organization, 2001-2002.
- 8- Founder and Member of Managing Board of Iranian Productivity Association.
- 9- Governor of Eastern Azerbaijan 2001- 2005.

- 10- Head of the Department of Industrial Engineering, Faculty of Engineering, Kharazmi University 2006 - 2013.
- 11- President of Kharazmi University since 2013.

Honors

University Distinguished Professor, Kharazmi University, Iran, 2012.

Selected Research Activities & Publication

A. Paper Presented Conferences: (National & International)

1. Sobhanallahi, Mohammad –Ali: "Fuzzy Variable Control Charts Using α -cuts and a Direct Fuzzy Approach", the 3rd conference on Industrial Engineering and Industrial Management, Barcelona, 2009.
2. Sobhanallahi, Mohammad –Ali: "Barriers and Proposals to Increase Energy Efficiency in the Industrial Sector in Iran" The 3rd annual clean energy conference Iran (ACEC2013) Kerman, Iran, 2014.
3. Sobhanallahi, Mohammad-Ali. "The Development of the Theory of Evidence (Algorithm ER) in Tool of QFD under Conditions of Uncertainty" The 1st Engineering Quality Conference, Tehran, 2013
4. Sobhanallahi, Mohammad-Ali. "Developing Strategic Indicators of Performance Evaluation in Sports Organizations with BSC (balanced scorecard approach)" Second National Student Conference on Sports Science, Tehran, 2014.
5. Sobhanallahi, Mohammad-Ali. "Assessment Patterns of PhD. Examination in the field of Humanities", the First International Conference of New Thoughts on Research and Education, Tehran, 2014.
6. Sobhanallahi, Mohammad-Ali. "Designing of Model Performance Evaluation in Management System of Health, Safety and Environment (MS-HSE) with Approach of Cost Management" The 3rd National Conference on cost management, Tehran, 2013.

7. Sobhanallahi, Mohammad-Ali." Strategic interaction model for holding companies (case study)", International Conference on Strategic Business Management (ICSBM-2013), Malaysia, 2013.
8. Sobhanallahi, Mohammad-Ali."Human Resources Productive Process in the Utilities Industry in the Fourth and Fifth Development Plan", The 9th International Conference on Energy, Tehran, 2013.
9. Sobhanallahi, Mohammad- Ali."Development a Competency Model for CIOs in Iran (Iranian Managers, a Field Study)", The International Conference on Industrial Engineering & Management.
10. Sobhanallahi, Mohammad-Ali." Designing of Management Dashboards to Measure Business Metrics for Iran Health Insurance Organization.",The National Conference of
11. Sobhanallahi, Mohammad-Ali." Comparative Comparison of Competency Model for CIOs with Explained Models in Various Studies." The International Conference on Economical Management and Industrial Engineering.
12. Sobhanallahi, Mohammad –Ali." A Productivity Improvement Approach to an Iranian Manufacturing Company", 22th International Conference on Industrial Engineering in Cairo, 1997."
13. Sobhanallahi, Mohammad-Ali." Evaluate the Productivity of Cell Formation in the Production Lines by DEA (Data Envelopment Analysis), 3th International Congress of productivity, May 1998."

B: Journals Articles and Chapters (National & International)

"ISI &ISC Articles":

- 1- Effect of Cell Based Team Work In Productivity Improvement at a Manufacturing Company, Computers Ind. Engineering Vol. 35, (ISI) 1998.
- 2- Threshold Value for the Number of Cells in Group Technology Computers Ind. Engineering Vol. 42, (ISI) 2002.

- 3- Productivity Gains by Cellular Manufacturing Production Planning & Control, Vol. 13, 2002, (ISI).
- 4- Safe method under Uncertain Conditions by Generating Fuzzy Membership Function Australian Journal of Basic and Applied Sciences, 2013.
- 5- Lead Time Reduction in Budget and Storage Space Restricted Lot Size Reorder Point Inventory Models with Controllable Negative Exponential Backorder Rate. Research Journal of Applied Sciences, Engineering and Technology, 2013
- 6- A model to evaluate the activities of oil companies in the field of knowledge management and propose improvement methods (Survey) Indian Journal of Science, Technology, 2015
- 7- Codification of competence model for Senior Information managers in Iran (Field Research on Iranian managers). Journal of Applied Environmental and Biological Science, 2015
- 8- Comparative comparison of senior IT managers' competency in Iran with defining models of various studies. Journal of Applied Environmental and Biological Science, 2015
- 9- Identifying the implementation barriers of strategic management using factor analysis TOPSIS technique. International Journal of Academic Research in Business and Social Sciences, 2015
- 10- A new stochastic demand model for dual-sourcing supply chain considering disruption risk. International Journal of Services and Operations Management, 2015
- 11- A mathematical model in cellular manufacturing system considering subcontracting approach under constraints Management Science Letters, 2012
- 12- Niazmand Kiana , Mirzazadeh Abolfazl, Sobhanallahi Mohammad –Ali Sqfemethod Under Uncertain Conditions by Generating Fuzzy Membership Function, Australian Journal of Basic and Applied Sciences ,Australia 350-359 2013 7(2), ISI

- 13- Ramoosh Jan Kamal, Sobhanallahi Mohammad –Ali, Arshadi Khamseh Alireza. An improved SWOT evidential reasoning based approach for strategy evaluation under uncertainty. *Decision Science Letters*. Iran. 73-84. 2014. 3 **ISC**.
- 14- Mohsen Babaei ,Mohammad Mahamadi, Sobhanallahi Mohammad –Ali Two parameter-tuned meta heuristic algorithms for the multi-level lot sizing and scheduling problem, *International Journal of Industrial Engineering Computations*, Canada, 751–766,2012, ISC-Scopus.
- 15- Moghimi, Hamid Reza; Sobhanallahi, Mohammad –Ali; Ghodrat Nama Ali. ANP-Based Strategic Planning for Iran's Trade Promotion Organization *International Journal of engineering Iran* 1215-1222. 2014. Vol. 27, No. 8. **ISC**.
- 16- Forghani, Kamran; Sobhanallahi, Mohammad –Ali; Mirzazadeh Abolfazl; Mohammadi, Mohammad. A mathematical model in cellular manufacturing system considering subcontracting approach under constraints. *Management Science Letters*. Canada. . 2393–2408. 2012. 2. **ISC**
- 17- Gholami, Aref; Sobhanallahi, Mohammad –Ali; Mirzazadeh Abolfazl Lead Time Reduction in Budget and Storage Space Restricted Lot Size Reorder Point Inventory Models with Controllable Negative Exponential Backorder Rate. *Research Journal of Applied Sciences, engineering and Technology*. Canada 1557-1567 2013. 5(5). ISI
- 18- Nasr Abadi; Sobhanallahi, Mohammad –Ali Development of Organizational Strategies by Fuzzy Logic and MCDM (FMCDM) Case Study: istribution of Book of Marv Eghlim Roshan Company *Journal of mathematics and computer Science* 159-166 2015 15 **ISC**
- 19- Sobhanallahi, Mohammad –Ali ; Kazemi. A; Ghodrat Nama Ali. Assessment of Improvement of Preventive Maintenance (PM) Systems Related to the Civil Projects Using Concepts of Value Engineering (VE) *International Journal of Engineering Iran* 1872-1878 2014 Vol. 27, No. 12

- 20- Naderi, Mohammad Reza; Sobhanallahi, Mohammad; Ghanbar Tehrani, Nasim; A model to evaluate the activities of oil companies in the field of knowledge management and propose improvement methods(Survey) Indian Journal of Science & Technology India **ISI**
- 21- Mohammadi, Samira; Ghanbar Tehrani, Nasim; Sobhanallahi, Mohammad –Ali; Comparative comparison of senior IT managers’ competency in Iran with defining models of various studies Journal of Applied Environmental and Biological Science ;2015 Vol5. Special 12. **ISI**
- 22- Mohammadi Janaki, Daryoush; Sobhanallahi, Mohammad –Ali; Mohammadi Janaki, Mahdi. Identifying the implementation barriers of strategic management using factor analysis TOPSIS technique International Journal of Academic Research in Business and Social Sciences 323-336 2015 Vol5. Issue11 **ISI**
- 23- Mohammadi Janaki, Daryoush; Sobhanallahi, Mohammad –Ali; Mohammadi Janaki, Mahdi. Identifying the implementation barriers of strategic management using factor analysis TOPSIS technique International Journal of Academic Research in Business and Social Sciences 323-336 2015 Vol5. Issue11 **ISI**
- 24- Mohsenzadeh, Ashkan; Sobhanallahi, Mohammad –Ali; Arshadi Khamseh Alireza. A new stochastic demand model for dual-sourcing supply chain considering disruption risk International Journal of Services and Operations Management. 2015 ,**ISI**
- 25- Jahangiri, Shabnam; Sobhanallahi, Mohammad –Ali; Mirzazadeh, Abolfazl. Provide a management approach based on evidential and fuzzy QFD to determine superiority and management the technical requirements in health systems (case study: radiology center of Payambaran hospital in Iran). INTAN management journal. 28-35. 2016. (3). **ISC**

“Scientific and Research Articles”:

1-Cell Formation in Group Technology, an Empirical Study on Real Date World. Research Journal of Basic Sciences, Islamic Azad University, 5th year, No.18-15, 1996.

2-The Industrial Sector Efficiency of Iran Using Data Envelopment Analysis. Research Journal of Basic Sciences, Islamic Azad University, 7th year, No.24, 1997.

3- An improved SWOT evidential reasoning based approach for strategy evaluation under uncertainty, Decision Science Letters, 2014.

4-A fuzzy PMCI model for productivity improvement with a survey in the health care organization. Int. J of systems application, engineering and development, 2011.

5-Solving Multi-level, Multi-product and Multi-period Lot Sizing and Scheduling Problem in Permutation Flow shop, International Journal of Science and Engineering Applications, 2013

6-Determining and modifying weights of DMs by combining extended TOPSIS, SAW and ELECTRE methods in MAGDM problem, Applied mathematics in Engineering, Management and Technology, 2014

7-Assessment of Improvement of Preventive Maintenance (PM) Systems Related to the Civil Projects Using Concepts of Value Engineering (VE) International Journal of Engineering, 2014

8-Selection of logistics strategy using evidential reasoning method International Journal of Scholarly Research Gate, 2015

9-Codification of the competence for senior information managers in Iran Journal of Applied Environmental and Biological Science, 2015

- 10-A fuzzy economic order quantity model for items with imperfect quality and partial backordered shortage under screening errors, *Int. J. Applied Decision Sciences*, 2015
- 11-An EOQ model for imperfect quality items with partial backordering under screening errors, *Cogent Engineering*, 2015
- 12-A Fuzzy ANP-SWOT approach for analyzing the IT problems based on capabilities in Iran, *International Journal of Supply and Operation Management*, 2015
- 13-Two parameter-tuned Meta heuristic algorithms for the multi-level lot sizing and scheduling problem, *International Journal of Industrial Engineering Computations*, 2012
- 14-ANP-Based Strategic Planning for Iran's Trade Promotion Organization, *International Journal of Engineering*, 2014
- 15-A mathematical model in cellular manufacturing system considering subcontracting approach under constraints, *Management Science Letters*, 2012
- 16-Development of Organizational Strategies by Fuzzy Logic and MCDM (FMCDM), Case Study: Distribution of Book of Marv Eghlim Rashaan Company, *Journal of mathematics and computer Science*, 2015
- 17-Strategic Interaction Pattern in Holding Companies, *Research Journal of Strategic Management Studies*, 2012
- 18-Customer Knowledge Management role in Creating Competitive Advantages from the Perspective of Tabriz Tractor Fans, *Journal of Sport Management*, 2013
- 19-A New Approach in Measurement of Productivity," *Journal of Management Sciences*.
- 20-Haj Ibrahim Ghasem, Sobhanallahi Mohammad –Ali, Mirzazadeh Abolfazl; A fuzzy PMCI Model for Productivity Improvement with a Survey in the Health Care Organization. *International Journal of systems applications, engineering and development.uk*. 626-633. 2011. Issue 5, Volume 5.

21-Babai, Mohsen; Mohammadi, Mohammad; Fatemi Ghomi, Seyd Mohammad Taghi; Sobhanallahi, Mohammad –Ali. Solving Multi-level, Multi-product and Multi-period Lot Sizing and Scheduling Problem in Permutation Flow shop International. Journal of Science and Engineering Applications; **India, 2013,vol.2,No.6**

22-Lelgani. M; Mohammadi, Mohammad; Sobhanallahi, Mohammad –Ali; Mirzazadeh Abolfazl. Determining and modifying weights of DMs by combining extended TOPSIS, SAW and ELECTRE methods in MAGDM problem. Applied mathematics in Engineering, Management and Technology 2014 Australia 400-414 2014. Vol 2 – No 5

23-Sobhanallahi, Mohammad –Ali Gholami, Aref. Selection of logistics strategy using evidential reasoning method International Journal of Scholarly research Gate 35-62 2015 Vol. 3, No. 2

24-Noori, Koopai, Mehrdad; Sobhanallahi, Mohammad –Ali; Horri, Amir. A Fuzzy ANP-SWOT approach for analyzing the IT problems based on capabilities in Iran International Journal of Supply and Operation Management Iran 427-438 2015 Vol. 1, No. 4

25-Sharifi, Ehsan; Shabani, Sonia; Sobhanallahi, Mohammad –Ali; Mirzazadeh, Abolfazl. A fuzzy economic order quantity model for items with imperfect quality and partial backordered shortage under screening errors Int. J. Applied Decision Sciences 109-126 2015 Vol. 8, No. 1

26-Sharifi, Ehsan; Sobhanallahi, Mohammad –Ali; Mirzazadeh, Abolfazl; Shabani, Sonia. An EOQ model for imperfect quality items with partial backordering under screening errors Cogent Engineering 2015 Vol. 2, No.1

“Specialized Articles”:

- 1- Productivity and its Relationship with Management and Production Factors, Economics Information, 1994.
- 2- Rents and Productivity, Scientific- Applied Journal of Public Administration, No. 35, 1996.
- 3- Management of Performance Improvement with an Emphasis on Practical Methods for Identifying Problems and Providing Recommendations to Improve, Scientific- Promotional Journal of Management and Development, No.3, Winter 1999.
- 4- In-service Training and its Effects on Staff Attitude, Scientific- Promotional Journal of Management and Development, No.6, autumn 2000.
- 5- Productivity Measurement System Based on Contingency Relationship Using the Interpolation, Scientific- Promotional Journal of Management and Development, 4th year, No.15, winter 2002.
- 6- The Role of Insurance Coverage in Employee Satisfaction, Scientific-Promotional Journal of Management and Development, No.30, autumn 2006.
- 7- A Review of the Concepts and Indicators of Energy Productivity with Focus on Efficiency Concept, Scientific- Promotional Journal of Management and Development, No.35, winter 2007.
- 8- The Identification of development Barriers and Implementation of Strategy, Scientific- Promotional Journal of Management and Development, No.47, Autumn 2010.
- 9- Article Translation: TFP (Total Factor Productivity) Growth, Experienced in Malaysia, Special Issues Selection in Public Administration, Management and Planning Organization, No.3, Autumn 2005.
- 10- Article Translation: Measuring Government Performance - Evaluating the Latest Model and Models of Citizen Participation, Special Issues Selection in Public Administration, Management and Planning Organization.

PROJECT MANAGEMENT:

- 1- Project Management of Measuring Productivity in Tehran Regional Electricity Company.
- 2- Project Management of Productivity Implementation in Azerbaijan Regional Electricity Company.
- 3- Project Management of Productivity Cycle in Bakhtar Electricity.
- 4- Project Management of Productivity Cycle in Tehran Province Public Departments and Organizations.
- 5- Implementation of Diagnosis Project, Organizational Improvement of Kanikavan Company, July 2006.
- 6- Development Strategy of KaniKavan Company, April 2007.
- 7- Designing Model of Productive Urban Transport System, August 2010.
- 8- Development Strategies Using with MADM, Fuzzy Group, September 2010.
- 9- Assessment of Improved Systems Net of Civil Projects Using Value Engineering Concepts, Sep. 2010.
- 10- Research about Factors and productivity indexes in the water and sewage company in East Azerbaijan.

BOOK

- 1- Basic Organizational Behavior, Organizational Behavior Management, 1999 (Translation)
- 2- Management and Engineering Productivity, 2015
- 3- Quality Management (ready for publishing)

ADVISING THESES:

Advising more than 100 PhD Students and Master's Student in the field Productivity ,
Quality and Strategy.