

Chamran/Al-e-Ahmad
Highways Intersection, Tehran,
Iran, P.O. Box: 14115-161,
Zip Code: 1411713114

b.ostadi@gmail.com
bostadi@modares.ac.ir

Curriculum Vitae

Name: Ostadi, Bakhtiar

Present job:

- Assistant Professor at School of Industrial and Systems Engineering, Tarbiat Modares University (TMU)
- University Lecturer at University of Tehran
- Faculty Member at New Management Development Center

Education:

- Ph.D. in Industrial Engineering, Tarbiat Modares University, Tehran, Iran, October 2006 - to July 04, 2010, Dissertation: "An Examination of the Role of the Quality Management Systems in the Preparation and Implementation Stages of BPR Projects Using Concept of Dynamic Capabilities and RBVF Model"; GPA=18.59/20
- Master of Science in Industrial Engineering, University of Tehran, Tehran, Iran, From: Sep 28, 2001 To: July 16, 2003, Dissertation: "Cost management in a Flexible Manufacturing System with Activity-Based Costing approach: case study in Forging Industry." GPA=18.20/20
- Bachelor of Science in Applied Mathematics, K. N. Toosi University of Technology, Tehran, Iran, From: Sept 28, 1999 To: Oct 6, 2001. GPA=18.14/20
- High School in Mathematics & Physics, Seyyed Ghotb High School, Baneh, Iran, From: Sept 28, 1993 To: July 21, 1997. GPA=18.78/20

Research Interest Areas:

- 1- Desired organizational capabilities (DOCs) for improvement projects
- 2- Created organizational capabilities from quality management systems (COC-QMs)
- 3- Quality management & Quality Engineering
- 4- Business process reengineering
- 4- Marketing Management
- 5- Activity-Based Costing and Corporate finance
- 6- Dependability Management & RAMS

**Research
Projects:**

- Implementing the Activity Based Costing Systems in I. T. FORGING Co., Tabriz, Iran, 2003.
- Cargo Train Scheduling in Tehran – Mashhad Route, 2002-2003.
- Implementing of SPC and examination of process capability studies in Automated Flexible Assembly Process of Iran Khodro Co., 2005-2006.
- Major civil projects analysis based on risk management, University of Tehran, Iran, 2007-2008.
- Business Process Reengineering in Iranian Sport Org., 2008-2009.
- Evaluation of Dependability Management system in the Gas Refinery Process based on RAMS Indicators, in Sarkhon and Qeshm Gas Treating Co., Bandar-Abbas, Iran. 2010-2011.
- Decision making for Terrestrial platforms: based on Islamic Republic of Iran Broadcasting (IRIB) strategies, Tehran, Iran, 2011-to date.
- Business Process Reengineering in Iran Insurance Company, Tehran, Iran, 2011-to date.
- Change Management in Iran National Tax Authority (INTA) for change projects, Tehran, Iran, 2011 – to date.
- Business Process Reengineering in Amaval-o-Amlak Organization, Tehran, Iran, 2012-to date.

Publications

Books:

- Flexible Automation, In Press, in Farsi, TUVNORD Iran Co. & Atnaa Press.

**Journal
Papers:**

1. An examination of the influences of desired organizational capabilities in the preparation stage of business process reengineering projects, *International Journal of Production Research*, **49**(17), pp. 5333 - 5354, DOI: 10.1080/00207543.2010.501829.
2. Desired organisational capabilities (DOCs): mapping in BPR context, *International Journal of Production Research*, Vol. 48, No. 7, 2010, 2029 – 2053.
3. The Impact of ISO/TS 16949 on Automotive Industries and Created Organizational Capabilities from its Implementation, *Journal of Industrial Engineering and Management*, Vol. 3, No. 3, doi:10.3926/jiem.2010.v3n3.p.2010.
4. The impact of implementing total quality management on organizational structure, *International Journal of Productivity and Quality Management* (IJPQM), Vol. 9, No. 4, 2012.
5. Critical Success Factors: Mapping and Examining in Process Management Context, *International Journal of Productivity and Quality Management* (IJPQM Vol. 10, No. 2, 2012.
6. Activity-based costing in flexible manufacturing systems with a case study in a forging industry, *International Journal of Production Research*, Vol. 46, No. 4, 15 February 2008, 1047–1069.
7. Safety Interval Analysis: A Risk-Based Approach to Specify Low-Risk Quantities of Uncertainties for contractor's Bid Proposals, *Computers & Industrial Engineering*, Vol. 56, No. 1, 2009, pp. 152-156.
8. Using Extended Monte Carlo Simulation Method for Improvement of Risk Management: Consideration of relationships between uncertainties, *Appl. Math.*

Comput., Vol. 190 , No. 2, 2007, pp. 1492-1501.

9. A mathematical model for optimal and phased implementation of flexible manufacturing systems, *Appl. Math. Comput.* Vol. 184, No. 2, 2007, 729-736.
10. A non-linear programming model for optimization of the electrical energy consumption in typical factory, *Appl. Math. Comput.*, Vol. 187, No. 2, 2006, pp. 944-950.
11. A Multi-Objective Cargo Train Scheduling Model: A Mathematical Approach." *International Journal of Management Practice*, Vol. 1, No. 4, 363-373, 2005.
12. A Mathematical Model for Load Optimization: Linear Load Curves." *Journal of Applied Sciences*, Vol. 6, No. 4, 883-887, 2006.
13. The Activity-Based Costing Approach for Estimation of Part's Cost in FMS with A(2)-Degree Automation: a Case Study in a Forging Industry, *Information Technology Journal*, Vol. 5, No. 3, 546-550, 2006.
14. "Applications of Process Capability and Process Performance Indices." *Journal of Applied Sciences*, Vol. 6, No. 5, 1186-1191, 2006.
15. A Practical Implementation of the Process Capability Indices." *Journal of Applied Sciences*, Vol. 6, No. 5, 1182-1185, 2006.
16. Critical Success Factors in implementation of Process Management and a Framework for Assessment of organization Readiness, *Industrial Management*, Vol. 1, No. 3, 27-53, Mar 2010.
17. The Exploration of the Relationship and Interaction Between the Preparation Stage of BPR Projects and Quality Management Systems (QMSs) Using Concepts of RBVF Model and Dynamic Capabilities, *Journal of Industrial Engineering*, Vol.: 44, no. 2, 117-125, Oct 2010.
18. Dynamic cargo trains scheduling fo tackling network constraints and costs emanating from tardiness and earliness, *Journal of Industrial Engineering Qazvin Islamic Azad University*, Vol. 4, Pre. No. 4, Summer 2009, pp. 19-27.

Conference papers:

1. "Scheduling of cargo trains with complex limitations by computer simulation", *33rd International Conference on Computers and Industrial Engineering*, March 25-27, 2004, Jeju, Korea.
2. "A semi-dynamic approach for scheduling cargo trains", *33rd International Conference on Computers and Industrial Engineering*, March 25-27, 2004, Jeju, Korea.
3. "Activity-Based Costing Approach in Manufacturing Systems Using Simulation Method", *Tehran International Congress on Manufacturing Engineering (TICME2005)*, December 12-15, 2005, Tehran, Iran.
4. "Maintenance Management in Flexible Manufacturing Systems: A Case Study in a Painting Robot", *Tehran International Congress on Manufacturing Engineering (TICME2005)*, December 12-15, 2005, Tehran, Iran.
5. "Description of Process Capability Indices", *11th International Conference on Productivity and Quality Research*, December 12-15, 2005, New Delhi, India.
6. "Process capability studies: indices and a Practical View", *11th International*

Conference on Productivity and Quality Research, December 12-15, 2005, New Delhi, India.

7. Preventive maintenance with regard to availability components in a system: a case study in the cement rotary furnaces, 4th International Conference of Industrial Engineering, 11-12 December 2006, Tehran, Iran.
8. Using Activity Based Costing (ABC) in managing of projects, 2th International Project Management Conference, 28-29 February 2006, Tehran, Iran.
9. "An Integrated Dynamic Programming Model for Phased Implementation of Flexible Manufacturing Systems", *Third International Conference on Group Technology / Cellular Manufacturing*, July 3-5, 2006 Groningen, The Netherlands, pp. 63-67.
10. "Measuring Process Capability Indices", *The 36th International Conference on Computers and Industrial Engineering*, June 20-30, 2006 Taipei, Taiwan.
11. "Selecting of Suppliers with Complex Limitations by Multi objective Modeling in a Supply Chain", *The 36th International Conference on Computers and Industrial Engineering*, June 20-30, 2006 Taipei, Taiwan.
12. "Process Capability and Process Performance", *The 36th International Conference on Computers and Industrial Engineering*, June 20-30, 2006 Taipei, Taiwan.
13. Facility Layout Design in Flexible Manufacturing Systems, 5th International Conference of Industrial Engineering, 11-12 July 2007, Tehran, Iran.
14. "Generalized regression neural network in modeling lumpy demand", *Eighth International Conference on Operations and Quantitative Management (ICOQM-8)*, October 17-20, 2007 Assumption University, Bangkok, Thailand.
15. Using Data Mining Technology in Quality Improvement and Business Process Reengineering Systems, 1th International Conference on Data Mining (IDMC'07), 20-21 Nov.2007, Tehran, Iran.
16. Using the Data Mining Approach for Improvement of Product Quality Level, 1th International Conference on Data Mining (IDMC'07), 20-21 Nov.2007, Tehran, Iran.
17. Business process reengineering implementation in University, 1th International Conference on Business Process Reengineering and Design Structure, 8-9 July 2008, Tehran, Iran.
18. Business process reengineering survey, 1th International Conference on Business Process Reengineering and Design Structure, 8-9 July 2008, Tehran, Iran.
19. Using Learning Organizations, Strategic Deployment, and Change Management approach in BPR Projects, 6th International Management Conference, 20-22 December 2008, Tehran, Iran.
20. The examination of the role of desired organizational capabilities (DOCs) in readiness for implementing of BPR, *IE and EM 2009 - Proceedings 2009 IEEE 16th International Conference on Industrial Engineering and Engineering Management*, Beijing, PR China, June 21, 2009, 1312-1316.
21. Critical success factors (CSFs) for process management projects, *IE and EM 2009 - Proceedings 2009 IEEE 16th International Conference on Industrial Engineering and Engineering Management*, Beijing, PR China, June 21, 2009, 100-103.

Software's

1-Primavera 2- Microsoft Project 3- Lingo 4- SPSS

Areas	5- Visual SLAM AweSim 7. Minitab
Review Board Member	- International Journal of Production Research.
Courses Taught	<ul style="list-style-type: none"> - Quality engineering (MSc) - Corporate Finance (MSc) - Marketing Management (MSc) - Dependability Management & RAMS - Operation research 2 (BSc) - Production methods 2 (BSc) - Linear Algebra (BSc) - Productivity and quality management (BSc) - Graph theory - Team working