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Hossein Sharifi

Education

- 2008 Liverpool University,
Postgraduate Certificate (**PGCert**) in Teaching and Learning
- 1995 – 1999 The University of Liverpool, Liverpool, UK
Degree: Ph.D. degree towards research study at the Department of Engineering – Manufacturing Engineering and Industrial Management.
Research Topic: A Methodology for Assisting Manufacturing Organisation to Implement Agile Manufacturing
- 1991 – 1993, Amir-Kabir University of Technology, Tehran, Iran
Degree: MSc. in Industrial Engineering – Industrial Management
Average : 16.75 (out of 20) [~84%]
Dissertation Title : Study of technology transfer for the Manufacturing of Advanced Industrial Ceramics used in the high technology Microwave Lamps.
- 1982 – 1986 Shiraz University, Shiraz, Iran
Degree: B.Sc. in Applied Mathematics (Computer science including programming in FORTRAN, PL/1 and GPSS languages; Operations Research; Production Management)
Average : 3.27 (out of 4) [~82%]
- 1975 – 1979 Saadat High School, Booshehr, Iran
Degree: Diploma in Physics and Mathematics
Average : 18.5 (out of 20)

Training & Professional Courses

- 2008 **Postgraduate Degree in Teaching**, Life Long Learning Centre, Liverpool University. Due to complete in 2007.
- 2002 **Compuware UNIFACE system development package**, Two week training including the course for e-business development.
- 2001 **Manufacturing/Operations Strategy**, Faculty Programme, December 2001 organised by Prof. Terry Hill at Templeton College, Oxford University.
- 2001 **eMerge Introduction Course**, one week introductory course to the e-business development methodology and software of eMerge from SAPIENS.
- 1994 **Development of Management Information Systems (MIS)**, One week training course in ISIRAN (One of the Iranian Leading Informaiton and Computer Technology companies), Tehran, Iran, presented by Professor A R Montazemi from Management School of McMaster University (Canada).

Membership of Professional Bodies	<ul style="list-style-type: none"> ♣ Member of CILT (Chartered Institute of Logistics and Transportation) ♣ Member of BAM (British Academy of Management) ♣ Member of AIM (Advanced Institute of Management) ♣ Member of EISAM ♣ Member of Lean Enterprise Institute, USA ♣ Member of the Emerald (publication) Literari Club
Research Interests	<p>Major areas of my current research activities:</p> <ul style="list-style-type: none"> ♣ Operations and supply chain management, particularly on Models, Methods, Tools, and Decision Support Systems for Design and Implementation of Agile Supply Networks. Current themes and aims: <ul style="list-style-type: none"> ○ Advancing the theory on agile supply chain, and developing tools and techniques for practice of agility and alignment in networks; Design for supply chain, and supply chain design (DfSC/SCD) ○ Advanced Mathematical theories (Pi-Calculus) for modelling supply chain behaviour. ♣ Innovation management and management of knowledge in networks ♣ Knowledge transfer across organisations; Governance of university to business and community knowledge transfer ♣ E-Business systems; ICT in organisations and across supply chains <ul style="list-style-type: none"> ▪ E-Government; context, design and implementation
Esteem	<ol style="list-style-type: none"> 1. 2011; Appointed as the external reviewer for the MSc programme in Operations and Supply Chain Management at Greenwich University. 2. 2005- ; An active reviewer of articles submitted to journals including International Journal of Production Research, International Journal of Production Economics, Journal of Production Planning and Control, IEEE Transaction on Engineering Management, Journal of Information Systems, International Journal of Agile Systems and Management, International Journal of Manufacturing Technology Management. 3. 2010; Member of University of Liverpool appointed committee for development of the Institutional Information Strategy. 4. 2009-2010; Member of Knowledge Exchange Committee of University of Liverpool to study and support redesign of the institutional strategy and systems for knowledge exchange programmes. 5. 2010; Keynote speaker (invited) at UK-USA Partners in Science, symposium on “Fostering innovation through to commercialization: critical elements for success at the intersection of academia, business and society” held by British Consulate-General in Boston USA in March 2010. 6. 2009; Keynote speaker, 7th International Management conference of Iran, held by Sharif University of Tehran-Iran (December 2009) 7. 2008-09; Co-Chair and organiser of track “from supply chain to demand networks” at the EURAM 2009. 8. 2006; Co-chair of session on Agile Manufacturing in the 12th IFAC conference on Information Control Problem in Manufacturing, Saint Etienne, France. 9. 2006-2008; Member of the scientific committee of the WCECS ICMIT conference. 10. 2005, 2006; Member of International Scientific Committee of the International Conference on Global Manufacturing and Innovation, held in Coimbatore Institute of Technology, India in collaboration with the University of Massachusetts. 11. 2005; Guest editor for a special issue of the International Journal of Agile Systems and Management. 12. 2003; Chair of the Iranian First International Conference on e-Business held by the Iran University of Science and Technology.

Awards	<ul style="list-style-type: none"> ♣ Highly Commended Paper award by Emerald Publication for one of papers published in the IJOPM (see publications). ♣ Scholarship by Iranian Ministry of Science and Higher education towards a PhD in UK.
Research Grants	<ul style="list-style-type: none"> ♣ 2011- Co-holder, ERDF grant for supporting SMEs on strategic transformation with focus on agile supply chain development- £1.4 Million ♣ 2006-2009 EPSRC-AIM Innovation and Productivity Grand Challenge (Co-holder) - £550000 ♣ 2006 Research Development Fund- Liverpool University ♣ 2008 Research Development Fund- Liverpool University (Co-holder)

Professional Experience

TEACHING EXPERIENCE

2006-Now **Leader** of the students final project modules at UG and PG levels.

2005-Now Supervision of PhD students (five as first supervisor, and three as the second supervisor). Two students have finished, one in writing up stage, one is to finish research in October 2010.

2004-Now Supervision of MSc students projects (a total of 47 so far), and BSc students' final year projects (12 so far).

2005-06 Involved in accreditation of the MSc course in Operations and Supply Chain Management from CIPS and IOM.

2004-Now **Lecturer** at Liverpool University Management School teaching courses

- ♣ **Lean Thinking (MSc)**
- ♣ **Strategic Operations Management (MSc)**
- ♣ **Business Analysis and Assessment (MSc)**
- ♣ **Operations Management II (e-Business Undergraduate)**
- ♣ **E-Business Strategies and Models (MSc and Undergraduate)**

2003 **Assistant Professor** at Iran University of Science and Technology, Faculty of Industrial Engineering. Courses taught:

- ♣ **Strategic Information Systems (MSc Industrial Engineering)**
- ♣ **Development and Management of Information Systems (Industrial Engineering Undergraduate)**
- ♣ **Logistics and Transportation planning and management (Industrial Engineering Undergraduate)**

1999-2002 **Lecturer** of the following modules at the Engineering department of Liverpool University

- ♣ **Operations Management [2002]**
- ♣ **Production Planning and Control II (*Supply Chain Management*) [2002]**
- ♣ **Industrial Engineering [2001-2002]**
- ♣ **Cost and Project Management [2001]**
- ♣ **Production Planning and Control II [2001 (Semester Two)]** [Guest lecturer for the subject of "*Logistics Management*"]
- ♣ **Image Processing Laboratory [1999]**

1997 (April) and 1998 (May) Guest lecture on *Agile Manufacturing*

For the students at the IGDS course [run jointly by Liverpool University and Liverpool John Moores University] at Burton Manor College, Wirral, UK.

1994 - 1995 Iran Open University (Azad), Gachsaran Branch, Iran

Part time Lecturer at the Industrial Engineering Group.

Lecturer for various modules including Engineering Economics, Numerical Methods in Engineering, Production Planning and Management, and Introduction to Macroeconomics.

1991-1993 Shiraz Department of Industry (branch of the ministry of industry)

Guest lecturer, for industrial consultant training courses

RESEARCH EXPERIENCE

2004-Now Leading research in several areas:

- ♣ engaging in collaborative research across a network of five universities,
- ♣ supervising 5 PhD students directly and a few indirectly,
- ♣ working with SMEs and businesses.

2007 Contract research in collaboration with AURIL and AIMES for study of the JISC legal systems for users and market strategies.

2003 Research consultant to the Iranian Government project for Government Data Network (GDN)

2001(Oct)-2002 **Senior Research Fellow** at the e-business research centre, The University of Liverpool School of Management.

2000 (April) 2001 (October) **Research Associate** for the EPSRC/IMI (Learning Across Sectors) project, "The Development of a Systematic Framework for Supply Chain Alignment", MEIM, Dept. of Engineering, The University of Liverpool.

RESEARCH ACHIEVEMENTS

2005-2009

- ♣ Engaging in research with the China based joint university of XJTLU through an internal Research Development Fund.
- ♣ Grant Co-holder; Innovation and productivity grand challenge project from Engineering & Physical Sciences Research Council with a total value of over £550000.
- ♣ Awarded RDF grant from the Liverpool University to develop research on Agile Supply Chain.

2004, Internal grant from the Liverpool e-Business research centre (EBRC) (Co-holder) to use the IMRC funds to extend the research into the subject of *Agile Supply Chains*.

2001-2002 The IMI research programme (Demand Network Alignment), which in its short time period proved to be highly successful and ground braking in a number of ways including:

- ♣ Proposing a new and innovative perspective for understanding and managing supply chains (DNA of supply chain), and a preliminary methodology for the design and development of supply chains.
- ♣ Initiating an innovative view of supply chain management/alignment. This was achieved through a successful national symposium held in Liverpool which gathered the leading academics in the area of supply chain management and also industrialist from leading UK manufacturing companies.

INDUSTRIAL EXPERIENCE

2000-2002 Design and implementation of Internet-based Suppliers Information System (ISIS) within the supply side of one of the UK leading machine tool supply chains, Cross Huller, in collaboration

with the DOMAIN research group.

1992 – 1994 Iran Electronics Industries Company,
[The largest Iranian (Hi-Tec.) Electronics Company with around 3000 employees]
Job title : Manager of Systems and Procedures Department

1986 – 1991 Iran Electronics Industries Company, Shiraz, Iran
Job titles :

- ♣ Logistics and Ledger Officer (6 months), *transferred to*:
- ♣ Purchasing Officer (1 year), *promoted to*:
- ♣ Head of Foreign Purchasing department (two years), *promoted to*:
- ♣ Procurement and Logistics Manager (1.5 years)

PROFESSIONAL EXPERIENCE

2009- Deputy director, Agility and Supply Chain Management Centre (www.agilitycentre.com)
2005-2012 External examiner of several MPhil and PhD candidates in UK universities including Exeter University, Bradford University and University of Manchester

Publications

BOOKS

1. H Sharifi, B Zarei, 2004, “Redesigning Processes; A guide for managers”, Translated from English to Farsi.

CONTRIBUTION TO BOOKS

1. Sharifi, H., Ismail, H.S. and Reid, I. (2009) “A framework for developing an agile future- proof supply chain”, in *Dispersed Manufacturing Network*, Robert Dekker (ed.), forthcoming.
2. H Sharifi; W Liu, D F Kehoe. (2008) Enhancing the flow of knowledge to innovation: Challenges for university based knowledge transfer systems. In: Bessant, J. (eds.), *Creating wealth from knowledge*. London, Edward Elgar.

Academic White Paper

Sharifi H, Liu W, 2010, “Emerging Landscape; A study of UK University Knowledge Transfer Systems Management”, white paper published by Advanced Institute of Management (AIM).

JOURNAL PAPERS

Published

1. Ismail HS, Poolton J, Sharifi H (2011) An interventionist framework for promoting sustainable growth in SMEs: the role of HEIs as implementation specialists. *Environment and Planning C: Government and Policy* vol 29 pp 622-640
2. Ismail HS, Poolton J, Sharifi H (2011) The Role of Agile Strategic Capabilities in Achieving

- Resilience in Manufacturing-based Small Companies. International Journal of Production Research vol 49 issue 18 pp 5469-5487
3. D F Kehoe, H Sharifi, S Dani, N D Burns 2007 "Demand Network Alignment: Aligning the Physical Informational and Relationship issues in a supply chain", International Journal of Production Research, vol 45 issue 5.
 4. Z Zhang, H Sharifi, 2007 Towards Theory Building in Agile Manufacturing Strategy—A Taxonomical Approach. IEEE Transactions on Engineering Management Journal, vol 54 issue 2 pp 351-370
 5. H Sharifi, H S Ismail, 2006 Achieving agility in supply chain through simultaneous "Design Of" and "Design For" Supply Chain, Journal of Manufacturing Technology Management, Vol. 17 issue 8.
 6. H S Ismail, H Sharifi, 2006 A balanced approach to building agile supply chains. International Journal of Physical Distribution and Logistics Management, Vol. 36, issue 6, pp 431-444.
 7. B Duarte, H Sharifi, 2006 "Getting started with RFID; What you need to know and a success story". Control (journal of Institute of Operations Management), vol 32, issue 1, pp 20-25.
 8. Zarei, B., Sharifi, H 2006 "Development of the GEA within the G-to-G system of the Iranian e-government: Views, experiences, and visions", IFIP International Federation for Information Processing vol 226 pp 419-435.
 9. H. Sharifi, D. F. Kehoe and J. Hopkins 2006 "A classification and selection model of e-marketplaces for better alignment of supply chains", Enterprise Information Management Journal, vol 19 issue 5 pp 483-503
 10. H Sharifi, D F Kehoe, N D Burns, 2005 "A structured framework for analysis and understanding of factors impacting the effective application of e-marketplaces", International Journal of Automotive Technology and Management, Volume 4, pp 394-410.
 11. H Sharifi, B Zarei, 2004 "An Adaptive Approach for Implementing e-Government in I.R.Iran", Journal of Government Information, Vol. 30, pp 600–619.
 12. H Sharifi, I Barclay, G Colqhoun, Z Dann; 2001 "Agile Manufacturing: A Management and Operational Framework", IMechE, Journal of Engineering Manufacture (part B), Vol. 215,.
 13. H Sharifi, Z Zhang; 2001 "Agile Manufacturing in Practice; Application of a Methodology", Special Issue on Next Generation Manufacturing: Manufacturing in the 21st Century, International Journal of Operations and Production Management, Vol. 21, issue 5, 2001, pp 772-794. [*]
 14. Z Zhang, H Sharifi; "A methodology for achieving agility in manufacturing organisations", International Journal of Operations and Production Management, Vol. 20, issue 4, 2000, pp 496-513.
 15. H Sharifi, Z Zhang; "A methodology for achieving agility in manufacturing organisations; An introduction"; Special Issue on Agile Manufacturing, International Journal of Production Economics, May, 1999.

***: This paper received the 2002 Highly Commended Award by the Emerald Publication.**

Under Review by Journals

1. H Sharifi, H Rahimzad, "Institutional transformations as determinants of e-Government success; a global perspective", Submitted to journal of Public Administration Review.
2. Sharifi H, Ismail H S, Qiu J, Najafi S, "The role of the dynamics of supply chain and product design in shaping a robust business growth strategy", International Journal of Production Economics.
3. Sharifi H, W Liu "An exploratory study of university knowledge transfer system in UK", Journal of Research Policy. Considering corrections.
4. W Liu, H Sharifi "Open Innovation adoption in university knowledge exchange system; A Q Survey of UK Knowledge Transfer offices", Academy of Management Review.
5. Najafi S, Sharifi H, Ismail H S "A study of contingency relationships between Supplier Involvement, Absorptive Capacity and Agile Product Innovation", International Journal of

Operations and Production Management.

6. Najafi S, Sharifi H, Ismail H S "Contingent links between market orientation dimensions and agile product innovation performance", International Journal of Production Economics.

CONFERENCE PAPERS

1. Najafi Tavani S, Sharifi H, Ismail H, 2011, "Relationship between supplier involvement, absorptive capacity and agile characteristics of product innovation", EUROMA, Cambridge.
2. Najafi Tavani S, Sharifi H, Ismail H, 2010, "Agile Product Innovation", POMS 2010 - Operations in Emerging Economies Conference, Vancouver.
3. Sharifi H, Rahimzad H, Xu L, 2009, "A study of conception related implications for the implementation of e-government", EURAM 2009.
4. S Najafi, H Sharifi, 2009, "Challenges of strategic alliance for supply chain improvement; a case study of an international automotive joint venture", EURAM 2009.
5. J Qiu, H Sharifi, H S Ismail, 2009, "Growth strategy in agile supply chains: a 3-D model", EURAM 2009.
6. W Liu, H Sharifi, 2009, "The Governance of University Knowledge Transfer System", EURAM 2009.
7. W Liu, H Sharifi, 2008, "Value chain based governance of university knowledge transfer system", In: eds. 4th IEEE International Conference on Management of Innovation and Technology, 2008. ICMIT 2008.
8. W Liu, H Sharifi, 2008, "Open Innovation in University Knowledge Transfer Systems: a UK study", In: eds. *BAM, 2008 Conference*. BAM, Harrogate.
9. H Rahimzad, H Sharifi, 2008, "A theoretical perspective of e-government implementation in nation states", In: eds. *BAM, 2008 Conference*. BAM, Harrogate, UK.
10. W Liu, H Sharifi (2007) Value chain perspective of University Knowledge Transfer. In: eds. *BAM, 2007 Conference*. BAM, Warwick University
11. H Rahimzad, H Sharifi, D F Kehoe, 2006, "Towards good governance through e-government in developing countries", Proceedings of Annual Conference of British Academy of Management, Belfast.
12. Sharifi H, Liu W, 2006 "Classification and Management of Supply Chain Design (SCD):A QFD method approach", In: Mak LK ed(s) International Conference on Logistics and Supply Chain Management. The University of Hong Kong, Hong Kong.
13. Ismail HS, Shanifi H, Reid I, Fan X, 2006 "An Agile Supply Chain Framework for Rapid Product Development", In: Mak LK ed(s) International Conference on Logistics and Supply Chain Management. The University of Hong Kong, Hong Kong pp 161-169.
14. H Sharifi, H S Ismail, 2005, "Extending Agility to Demand Networks; a Multidimensional approach ", 2ND EUROPEAN FORUM ON MARKET-DRIVEN SUPPLY CHAINS, April 2005.
15. Ismail HS, Sharifi H (2005) Supply Chain Design and Design for Supply Chain: A balanced approach to building agile supply chains. In: Andersin H, Niemi E, Hirvonen V ed(s) International Conference on Agility. International Soc. Agile Manufacturing, Helsinki pp 187-195.
16. H Sharifi, B Zarei, "A strategic perspective on the future of e-commerce in Iran and the role of the prospective e-Government in its successful promotion and expansion", International Conference on Management, Sharif University, January 2004.
17. H Sharifi, D F Kehoe, N D Burns, N J Boughton, "A framework for analysis of factors impacting the effective application of e-marketplace models", Proceedings of the EUROMA/POMS 2003 joint conference, Como, Italy, 16-19 June, 2003.
18. H Sharifi, D F Kehoe, J Hopkins, N J Boughton, "Adopting e-marketplace models for better supply chain management; what is the appropriate choice?", Proceedings of the EUROMA/POMS 2003 joint conference, Como, Italy, 16-19 June, 2003.

19. D F Kehoe, H Sharifi, N J Boughton, "The role of e-Business in Demand Network Alignment", Proceedings of the 7th International Symposium on Logistics "Integrating Supply Chains and Internal Operations Through e-Business" in Melbourne, Australia, 14-17 July 2002.
20. H Sharifi, D.F.Kehoe, N.J.Boughton, "e-business models in the support of demand networks alignment", Proceedings of the 2002 POMS Conference, San Francisco April 5 - 8, 2002.
21. D F Kehoe, N J Boughton, H Sharifi, "Demand network alignment: an empirical view", Proceeding of UK Symposium on Demand Networks Alignment, July 2001, Liverpool.
22. H Sharifi, D.F.Kehoe, N.J.Boughton, A.C.Lyons, "Market/Brand Alignment of Automotive Demand Networks", EUROMA 2001 Conference, 3-4 June 2001.
23. H Sharifi, I Barclay; "Agile Manufacturing, A structured perspective"; IEE workshop on responsiveness in manufacturing, 23rd February 1998, IEE, Savoy place, London.
24. Z Zhang, H Sharifi, "Agile Manufacturing, A methodological Approach", Progress in Rapid Prototyping Manufacturing and Rapid Tooling, Proceedings of the first International Conference on Rapid Prototyping and Manufacturing '98, Beijing, China.
25. H Sharifi, Z Zhang; "Enabling practices assisting achievement of agile manufacturing", Sixth IASTED International Conference; Robotics and Manufacturing; July 26-31, 1998, Banff, Canada.
26. H Sharifi, P Gough, I Barclay, "Moving towards agility; a way for UK Manufacturing Industry to go", IEE 5th International conference on Factory 2000, The technology Exploitation Process, 2-4 April 1997, Churchill College, Cambridge, UK.
27. H Sharifi, I Barclay, P Gough; "Agility Drivers and a conceptual framework for introducing agile manufacturing into production development", Advances in Industrial Engineering Applications and Practice, Proceeding of the 1st Annual International Conference on Industrial Engineering Applications and Practices, Houston, Texas, USA, Dec. 4-7, 1996.