

## List of Publications by Faculty Members:

### Prof. Ahmad Abdel-Aziz Sharieh

#### *Publication in Journals:*

1. Rafai M. , Sharieh A., Alshammeri F., “ Leader Election Algorithm In 2<sup>nd</sup> Torus Networks With The Presence Of Link Failure”, *The International Arab Journal of Information Technology (IAJIT)*, Vol. 7, No. 2, 2010.
2. Ahmad Sharieh, Iman Mustafa, Nadim Obied, “ Row Column Diagonal using Multithreads for Alignment in DNA,” *European Journal of Scientific Research*, Vol. 30, issue 1, 2009, pp. 6-25.
3. Salah H. ALSharaeh, Ahmad Sharieh, Reema Hosny, and Fatima Mohammed, “Multi-dimensional Poison Distribution Heuristic for Maximum Lifetime Routing in Wireless Sensor Network,” *World Applied Sciences Journal*, Vol. 4, No. 1, 2008.
4. Abdel Latif Abu Dallhoum, Mohammaed Al-Rawi,, Ahmad Al Sharieh, Ayman M. Najjar, Maen Najjar, S. Shayreh, “Remotely Controlled Intelligent Vehicle to Handle Public Places Security,” *WSEAS TRANSACTION ON SYSTEMS*, Issue 10, Volume 7, Oct. 2008, pp. 1058-1069.
5. Ahmad Sharieh and Khair Eddin Sabri, “Parallel Graph Colouring Based on Saturated Degree Ordering,” *ABHATH AL-YARMOUK: Basic Sci. and Eng.*, Vol. 17, No. 2, 2008, pp489-502.
6. Raed Khalil, Salem Yasin, Maeweih Hamad, Ahmad Sharieh, Ahmed Al-Jaber, “Virtual Reference Values for STR Genetic Loci Assignment in Forensic Arenas: A Jordanian-Based Study,” *Jordan Journal of Biological Sciences*, Vol. 1, No. 2, Mar-2008, pp 73-76.
7. Ahmad Sharieh, Wagdi Al-Rawagepfeh, Mohammad Mahafzah, Ayman Al Dahamsheh, “An Algorithm for Finding Maximum Independent Set in a Graph,” *European Journal of Scientific Research*, Vol. 23, No. 4., 2008, pp 586-596.
8. Ahmad Sharieh, Mohammad Qatawneh, Wesam Almobaideen, Azzam Sleit, " Hex-Cell: Modeling, Topological Properties and Routing Algorithm", *European Journal of Scientific Research*, Vol. 23, No. 3, 2008, pp 457-468.
9. Ahmad Sharieh, Mariam Itriq, Wafa Dbabat, "A Dynamic Resource Synchronizer Mutual Exclusion Algorithm for Wired/Wireless Distributed Systems, *American Journal of Applied Sciences*, Vol. 5, No. 7, , 2008, pp. 829-834.
10. Ahmad Sharieh, Ahmad Hussien, 2007, "An Energy-Based Back-Propagation Algorithm for Image Recognition," *DIRASAT: Pure Sciences*, Vol. 34, No. 2, pp. 145-155.
11. B. Al-Diri, A. Sharieh, M. Qutiashat, "A Speech Recognition Model Based on Tri-Phones for the Arabic Language", Accepted 2007, *Advanced in Modeling Series B: Signal Processing and Pattern Recognition*.
12. Moh'd Belal Al-zoubi, Ahmad Sharieh, Nedal Al-Hanbali, Ali Al-Dah-oud, “A Hybrid Heuristic Algorithm for Solving the P-Median Problem”, *Journal of Computer Science*, special issue, 2005, pp. 80-83.
13. Mourtaga, E., Moussa , Aballah, A. Sharieh, S. Serhan, 2005 "Quranic Based Speaker-Dependent Recognition Using Triphone/HMM Model" *Advanced in Modeling Series B: Signal Processing and Pattern Recognition*, Vol. 48, No. 5, pp.43-58.
14. Mamdouh A. Al-Saidah, Ahmad Sharieh, and Ahmed Aljaber, 2004, “Identification of Human Face Images from using Combined Principal Component Analysis Artificial Neural Networks,” *Advances in Modeling Series B: Signal Processing and Pattern Recognition*, Vol. 47, No.3, pp.25-46.

15. Diri, Bashir, Ahmad Sharieh, Taghread Hudaib, 2004, "An Arabic Speech Corpus: A Database for Arabic Speech Recognition," *DIRASAT*, Vol. 31, No. 2, pp 208-219.
16. S. Manaseer, F. A. Masooud, A. A. Sharieh, 2004, "Testing Loaded Programs Using Fault Injection Technique," *Transaction On Engineering, Computing and Technology*, Vol. 3, No. 1, pp.191-194.
17. Muhammad Al-Shridah and Ahmad Sharieh, 2002, "Recognition Process of Handwritten and Typed Arabic letters," *Advances in Modeling, Series B: Signal Processing and Pattern Recognition*, Vol. 45, No. 1, pp1-20.
18. Al-Majali, S., Sharieh, A. and Qutaishat, M. 2001, "Arabic Speech Recognition using SOM-LVQ Neural Networks," *Advances in Modeling and Analysis-B: Signal, Informaion, Patterns, Data Acquisition Transmission , Processing, and Classification*, Vol. 44, No., pp1-16.
19. Ahmed Al-Jaber and Ahmad Sharieh, 2000, "Algorithms Based on Weighted Factors for Maximum Independent Set", *DIRASAT*, Vol 27, No1., pp 74-90.
20. Ahmad Sharieh, 1998, "A Mathematical Model for Non-Uniform Memory Access Machine," *Damascus Journal for Basic Sciences*, Vol. 14, No. 1, pp119-133.
21. Ahmad Sharieh, 1997, "Concurrent Computation of Recursive Relations on a Ring Topology," *The Egyptian Computer Journal*, Vol. 25, No.2, pp84-101.
22. Ahmad Sharieh, Azzam Al-Dari, and Munib Qutaishat, 1995, "An Expert System for The Production of Normalized Relational Schemes," *Advanced in DATABASE and EXPERT SYSTEMS*, Vol. II, Ed. George E. Lasker, International Institute for Advanced Studies in System Research and Cybernetics.

23. أحمد الشرايعة، 1998، " تطوير نظم معلومات لمراكز الأبحاث العلمية على أساس هندسة البرامج"، *مجلة أبحاث الحاسوب، المجلد الثاني، العدد الأول، ص5-18.*

24. أحمد الشرايعة و نزار مبروكة، 1998، "الرابط: نظام حاسوبي خبير لتأسيس و تطوير الشبكات المحلية"، *مجلة أبحاث الحاسوب، المجلد الثاني، العدد الأول، ص5-18.*

25. أحمد الشرايعة، 1998، " بيئة التعليم العالي في الأردن و علاقتها باقتناء الحاسوب الشخصي"، *المجلة العربية للتعليم التقني، المجلد 15، العدد 1، ص: 9-13.*

## II. Publication in Proceeding

26. Rana Yousef, Mohammad Odeh, David Coward, Ahmad Sharieh, "Translating RAD Business Process Models into BMPN," *The Second International Conference On The Applications OF Digital Information Web Technologies (ICADIWT 2009)*, London Metropolitan University, UK, August 4-6, 2009, (accepted in *International Journal of Web Applications*).
27. Saleh H. AL-Sharaeh, Ahmad A Sharieh, Rana K. AbuElayyan, "Deployment Strategy Effect on Maximizing the Lifetime of Wireless Sensor Networks", *ISCA 24th International Conference on Computers and Their Applications (CATA-2009)*, pp.122-127.
28. Ahmad Sharieh and Gialuca Elia, "Toward International Multi-sign Languages," *19<sup>th</sup> International workshop on Database and Expert Systems Applications (DEXA 2008)*, , Turin, Italy, 1-5 September 2008.
29. Abdullah Qaisi, Omar Albashir, and Ahmad Sharieh, "A Software Maintenance Process Model with Featured-based Tool and Reliability," *WorrdCOMP'08*, Las Vegas, USA, July 14-17, 2008.
30. Mohammaed Al-Rawi, Abdel Latif Abu Dallhoum, Ahmad Al Sharieh, Ayman M. Najjar, Maen Najjar, S. Shayr, "Intellibot: Remotely Controlled Intelligent Vehicle,"

- Proceeding of the 12<sup>th</sup> WSEAS International Conference on Systems, Herakilion, Crete Island, Greece, July 22-25, 2008, pp. 620-624.*
31. Fawaz A. M. Masoud, Amjad A. Hudaib and Ahmad Sharieh, "A suggested Framework For Producing Electronic Courses," *Proceeding of ICTTA'08: International Conference on Information and Communication Technologies: From Theory to Applications, Damascus, Syria, April 7-11<sup>th</sup>, 2008.*
  32. Ehab Mourtaga, Ahmad Sharieh, Mousa Abdallah "Speaker Independent Quranic Recognizer Based on Maximum Likelihood Linear Regression", *Proceeding of World Academy Of Science, Engineering and Technology (PWASET), Barcelona, Spain, Vol. 20, April 2007, pp. 376-382.*
  33. Wesam Al Mobaideen ,Emad Qaddoura ,Ahmad Sharieh & Shatha Al Asir, "Distance Granularity Effect on MANET's Simulation," *4<sup>th</sup> International Conference : Sciences of Electronic Technologies of Information and Telecommunications, setit (Tunisia) & IEEE (France), March 25-29, 2007, Tunisia, pp.201-207.*
  34. Ahmad Sharieh, Adel H. Abusitta and Aladdin Baarah, "A water Saving Technique Based on Distributing of Prime Numbers Over Integers," *1<sup>st</sup> International Conference on Digital Communications and Computer Applications (DCCA2007), March 19-22, 2007, Irbid, Jordan.*
  35. Ahmad A. Sharieh and Suzan T. Awienat, "The Exhaustion of Agriculture Lands by Construction in Amman," *Accepted in MESM'2006: Middle Eastern Multiconference on Modeling and Simulation, August 28-30, 2006, Alexandria, Egypt.*
  36. Ahmad Sharieh, Hussein Al-Omari, Mais Hilo, and Muna Dawoud, "Design and Implementation of Passport Services Online in Jordan," *The 10<sup>th</sup> World Multi-Conference on Systemics, Cybernetics and Informatics, International Institute of Informatics and Systemics, Orlando, Florida, USA, July 16-19, 2006, pp.301-307.*
  37. Ahmad Sharieh, Dana. H. Halabi, Deema Halabi, "Online Auction Web Site Simulation," *Proceedings of the 2006 International Conference on Modeling, Simulation and Visualization Methods (MSV 06), Las Vegas, Nevada, USA, June 26-29, 2006, pp.283-288.*
  38. Ahmad Sharieh, " Toward A User Guide For File Compression," *Proceeding of the 4<sup>th</sup> International Mutliconference on Computer Science and Information Technology, CSIT 2006, Vol. 1, April 5-7, 2006, Amman- Jordan, pp.24-33.*
  39. Ahmad A. Sharieh, 2005 , "On Line Multimedia Exam for All Needs" " الاختبار متعدد الوسائط لجميع ذوي الاحتياجات", مؤتمر التربية الخاصة العربي: الواقع و المأمول, كلية العلوم التربوية في الجامعة الأردنية، 2005/4/27-26، عمان الأردن.
  40. Ahmad Sharieh, " Arabic Sign Language: Editor and Online Dictionary (ASLED)," لغة الإشارة العربية: معالج النصوص و معجم الصم الفوري، المؤتمر العلمي العربي الثالث لرعاية الموهوبين و المتفوقين: رعاية الموهوبين و المبدعين أولوية عربية في عصر العولمة، الجزء الثاني، 19-21 تموز 2003، عمان، ص 99-127.
  41. H. Al-Omari, Ahmad Sharieh, A. Shadid, and A. Jadallah, " E-Government Plan and Implementation in Jordan," *The International Conference on Business Decision and Technology, 18-20 March, 2002, pp391-407. Republished in Best-of Book 2002, AMSE, pp57-74.*
  42. H. Njedat, H. H. Tamimi, Z. I. Salah, A. Sharieh, A. Al-Massri, and B. AlDiri, Feb. 11-13, 2001, "Modeling and Visual Simulation of NUMA Multiprocessors," *Proceeding of the Third Conference on Computers and Their Applications, Amman, Jordan, pp138-143.*
  43. Ahmad Sharieh , L. Alsalem, and M. Abdel Rahim, Sept. 21-22, 1998, "Developing Jordanian Sign Language based on Software Engineering," *2<sup>nd</sup> Scientific Conference on Computers and Their Applications, Amman, Jordan, pp241-253.*

44. Ahmad Sharieh, Jan 16-19, 1996, "Seeja: New Artificial Intelligent Game," Proceedings of the fourth international Conference On artificial intelligence Applications, Cairo, Egypt.
45. F. Mohamad, Ahmad Sharieh, M. Qutiashat, and M. Mosa, Aug. 1996, "An Expert System For Basal Ganglia System," Proceedings of InterSymp '96, the 6<sup>th</sup> International Symposium on System Research, Informatics and Cybernetics, Baden-Baden, Germany.

### III. Books, Reports, and Case Studies

- 1- احمد الشرايعة، محمد بلال الزعبي، وآخرون، الحاسوب و البرمجيات الجاهزة، الطبعة الأولى، دار وائل للنشر، عمان-الأردن، 1997.
- 2- محمد بلال الزعبي و احمد الشرايعة، وآخرون، الحاسوب و البرمجيات الجاهزة، الطبعة الثانية، دار وائل للنشر، عمان-الأردن، 1998.
- 3- احمد عبد العزيز الشرايعة، هيكلية البيانات و المعلومات، مركز البحوث و النشر، الأكاديمية العربية للعلوم المالية و المصرفية، عمان-الأردن، 1999.
- 4- محمد بلال الزعبي، احمد الشرايعة، وآخرون، الحاسوب و البرمجيات الجاهزة، الطبعة الثالثة، دار وائل للنشر، عمان-الأردن، 1999.
- 5- أحمد الشرايعة و سهير فارس، الحاسوب و أنظمتها، دار وائل للنشر، الطبعة الأولى، عمان-الأردن، 2000.
- 6- محمد بلال الزعبي، احمد الشرايعة، وآخرون، الحاسوب و البرمجيات الجاهزة، الطبعة الرابعة، دار وائل للنشر، عمان-الأردن، 2000 (حائزة على شهادة تقدير).
- 7- محمد بلال الزعبي، احمد الشرايعة، وآخرون، الحاسوب و البرمجيات الجاهزة : Computer Skills ، عربي-انجليزي، الطبعة الخامسة ، دار وائل للنشر، عمان-الأردن، 2001.
- 8- محمد بلال الزعبي، احمد الشرايعة، وآخرون، الحاسوب و البرمجيات الجاهزة : Computer Skills ، عربي-انجليزي، الطبعة السادسة ، دار وائل للنشر، عمان-الأردن، 2004.
- 9- أحمد الشرايعة، محمد الشريدة، سهير عبد الله، تعلم لغة البرمجة ++C ، الطبعة الأولى، دار المسيرة للنشر، عمان-الأردن، 2005.
- 10- محمد بلال الزعبي، احمد الشرايعة، وآخرون، الحاسوب و البرمجيات الجاهزة : Computer Skills: Windows Xp and Office 2003 ، عربي-انجليزي، الطبعة السابعة، دار وائل للنشر، عمان-الأردن 2005.
- 11- محمد بلال الزعبي، احمد الشرايعة، وآخرون، المهارات الحاسوبية المتقدمة : Advanced Computer Skills: Windows Xp and Office 2003 ، عربي-انجليزي، الطبعة الأولى، دار وائل للنشر، عمان-الأردن 2006.
- 12- محمد بلال الزعبي، احمد الشرايعة، وآخرون، الحاسوب و البرمجيات الجاهزة : Computer Skills: Windows Xp and Office 2003 ، عربي-انجليزي (ICDL)، الطبعة الثامنة، دار وائل للنشر، عمان-الأردن 2007.
- 13- أحمد الشرايعة و أمير حسين، المحاكاة ، جامعة القدس المفتوحة، الطبعة الأولى، عمان-الأردن 2008.
- 14- محمد بلال الزعبي، أحمد الشرايعة، وآخرون، مهارات الحاسوب: البرمجيات الجاهزة، كليات المجتمع- جامعة البلقاء التطبيقية، الطبعة الأولى، زمزم للنشر، عمان-الأردن، 2009.
- 15- عماد صلاح، أحمد الشرايعة، سامي سرحان، محمد عابد، نبيل العساف، أساسيات البرمجة بلغة فيجوال بيسك، زمزم للنشر، عمان-الأردن، 2009.
16. Mohammed Al-Shariadeh, Ahmad Sharieh, Suhir Faris, Learning the Programming Language C++, 2<sup>nd</sup> Edition, Dar Almasseerah, Amman, Jordan 2009.

### Prizes and Awards :

1. أحمد عبدالعزيز الشرايعة، " تمييز الأحرف العربية المكتوبة بخط اليد و المطبوعة باستخدام شبكات النكاع الاصطناعي، " جائزة هشام حجاوي للعلوم التطبيقية الدورة الثامنة لعام 2000: قطاع تكنولوجيا المعلومات و الاتصالات، عمان الأردن، كانون الأول 17-2000.

**Ahmad Sharieh, "Recognition of Handwritten and Typed Arabic Letters using Neural Networks,"  
Hesham Aadeb Hejawee Prize for Applications Sciences: Communication and Information  
Technology Sector, The 8<sup>th</sup> Period, Dec. 17<sup>th</sup>, 2000, Amman, Jordan.**

2. محمد بلال الزعبي، أحمد الشرايعة و آخرون، الحاسوب والبرمجيات الجاهزة ، الطبعة الرابعة ، دار وائل للنشر، عمان-الأردن، 2000. شهادة تقدير البحث و الكتاب المميز لأفضل الأبحاث في الجامعة الأردنية في العام الجامعي 2001/2000، حزيران 2001.

3. Award for : Arabic –Jordanian Sign Language, In UAE iT Educational Challenge, Teacher and Students best project in Colleges and Universities, Dubai, 2006.

### **Supervised Thesis**

1. Co-Supervisor: A system for Pre-execution Deadlock Detection and Resolution in an Enhanced Relational Database Environment, MS Thesis by Basela Sharif Hasan, The University of Jordan, July 1998.
2. Supervisor: A Model for a Limited Domain of Arabic Speech Recognition Using Artificial Neural Network, MS Thesis by Sufyan Almajali, The University of Jordan, April 1999.
3. Supervisor: Recognition of Handwritten Arabic Character via Neural Networks, M. S. Thesis by Muhammad Al-Shridah, The University of Jordan, January 2000.
4. Supervisor: Identification of Human Face Image From Nose and Eyes, MS Thesis by Mamdouh Al-Saidah, The University of Jordan, April 2001.
5. Supervisor: A Large Vocabulary Speech Recognition Model for Arabic, MS Thesis by Bashir Aldiri, The University of Jordan, May 2002.
6. Supervisor: Fingerprint Image Identification Using Fuzzy Logic and Neural Networks Technology, M.S. Thesis by Ahmad Hussien, UJ, August 2004.
7. Supervisor: Integrating wireless Multimedia Messaging Service with Email, by Haifa Kattan, UJ, Jan 2005.
8. Supervisor: Parallel Data Implementation Solution for the P-Median Problem, M.S. Thesis by Sobih Al-Shekha, UJ, August 2005.
9. Co-Supervisor: تطوير نظام حاسوبي للمساعدة في صناعة القرارات الإدارية لميري المدارس الابتدائية في الجزائر العاصمة، اطروحة دكتوراة، الجامعة الأردنية، 2006
10. Supervisor: Arabic Speech Recognition Interface for Word-XP Applications, M.S. Thesis by SehamDanoon, UJ, 2006.
11. Supervisor: Investigating Hilbert and LPCT for Biometric based Watermark, MS Thesis by Hefa Zaglan, UJ, 2006.
12. Supervisor: Parallel Implementation of Algorithms Based on Weight Factors for MIS in a Graph, MS Thesis by A. Al-Gweyree, UJ, 2006.
13. Supervisor: Row Column Diagonal Parallel Implementation of Dynamic Programming Algorithm for Sequence Aligment in DNA, UJ, Iman Mustafa, 2006.
14. Supervisor: Leader Election Algorithm in 2D Torus with One Link Failure, MS Thesis by Fahad Al-Shamarey, UJ, 2007.
15. Supervisor: Computational Model for Better Selection of Genetic Loci for Forensic Human Identification, MS Thesis by Read Khalil, UJ, 2007.
16. Supervisor: A Statistical Evaluation Approach of Routing Techniques That Maximize The Lifetime of Wireless Sensor Network, MS Thesis by Rana Elayyan, UJ, 2007.
17. Supervisor: Multi-thread Instance Reduction Algorithms, MS Thesis by Sarah Al-Kuhlani, UJ, 2007.
18. Supervisor: Development and Performance of a Distributed Image Processing Model Running on LAN-Based Systems, Master Thesis, Amman Arab Graduate University for Graduate Studies, by Maysoon Abu-Hammad, Nov. 2008.

19. Supervisor: Computerized Guide System To Support Pilgrims In Performng Rituals, MS Thesis by Abdulaziz Ali Alzubaidi, UJ, May 2009.
20. Supervisor: Ahmad Attiq Al-Ogaibi, Finding Nearest-Neighbor Using Hexagon Cells, UJ, August 2009.

### ***Member of Examniation Committee of Thesis***

1. Training Artificial Neural Networking to Pronounce Arabic Text, MS Thesis by Nizar R. Mabroukeh, The University of Jordan, and June 1998.
2. Folding Techniques for Continuous and Non-Continuous in Parallel Processing, MS Thesis by Firas Fraij, Albeit University, 1998.
3. Automatic Tools for Extending Network Computation Capabilities of HLL, MS Thesis by Abdullah Abu Ayash, The University of Jordan, August 1999.
4. Techniques for Handwritten Arabic Numbers, MS Thesis by Amajad A. Hudaib, The University of Jordan, November 1999.
5. Developing New Feature Selection Methods for Discrete and Continuous Class Prediction, MS Thesis by Firas Alian, The University of Jordan, May 5, 2000.
6. Enhancing String Searching Algorithm, MS Thesis by Ebaa N. Fayyoumi, The University of Jordan, August 2000.
7. Developing Techniques in Segmentation and boundary Detection in Image Processing, MS Thesis by Hesham Abed, The University of Jordan, April 2001.
8. On Syntax Analysis of Arabic Sentence, MS Thesis by Bashar Abu Sa', The University of Jordan, August 2001.
9. Hiding an Image in Another by Using Steganography, MS Thesis by Abdulrahman Omar Alkhalifa, The University of Jordan, January 2002.
10. Distributed ParLin Implementation on the PowerXplorer, MS Thesis by Ali Baker, Albeit University, 2002.
11. Query Optimizing Algorithm in Distributed Database Environment, MS Thesis by Suha J. Al-Karmi, The University of Jordan, May 2002.
12. A new leader Election Algorithm in Hypercube Networks, Ph. D. Dissertation, Amman Arab Universities for Graduate Studies, by Refai, M, 2007.
13. A Novel Skin Detection Algorithm Using Gaussian Markov Random Fields with Ant Colony System, MS Thesis, by Eman Abu-Hammad, Al-Balqa' Applied University, Nov. 2007.
14. Enhancing the Performance of Classification Algorithms Through Dataset Tuning, Feature Selection and Exception Handling, Ph. D. Dissertation, 2009

## **Prof. Nazar Al- Rubayi**

### ***Publication in Journals***

- |                 |  |
|-----------------|--|
| <b>2004</b>     | <b><i>“Cost Benefit Analysis of Foreign Direct Investment in the Jordanian Manufacturing Industries”, Vol.10, No.2, Al Manarah Journal, Jordon, (In English), with Dr. Hasan El Nader.</i></b> |
| <b>2002</b>     | <b><i>“Manufacturing Industries and Disparity in regional rate of growth, The Case of Jordon”, Vol 9, No.31, Alrafidian Jorunal, Iraq.</i></b>   |
| <b>1999 Jun</b> | <b><i>“Effective Protection and the resource Pull Effect, the case of Manufacturing Industies in Jordon”, Vol.15, No.1,1999 (in Arabic).</i></b>   |

- 1999 "Optimal Distribution of the Oil Refinery Products in Jordan, A linear Programming Case", *Journal of Abhath Al-Yarmouk, Jordan, Vol.15, No.1, 1999 (in English).*
- 1998 Apr "Effective Rate of Protection and Value Added in Jordanian Manufacturing Industries", an Econometric Study, *Journal of Al-Manarah, University of Al-Bayt, Jordan, Vol.3, No.2, (in Arabic, Summary in English).*
- 1997 July "Structure of Manufacturing Industries and Export Development in Jordan", *Journal of Al Manarah, University of Al Bayt, Jordan, Vol.2, No.2, (in Arabic, summary in English)*
- 1992 Jan "Cost Benefit Analysis of foreign Investment in the G.C.C. Region", *Journal of Industrial Co-operation, Issue No.43, Doha, (in Arabic).*
- 1990 Mar "Arab Economic Co-operation: Problems and Resolutions", *Journal of Co-operation, Issue No.17, Year.5, Riyadh, (in Arabic).*
- 1990 Jan "The Role of the Private Sector in Gulf Industry", *Journal of Industrial Co-operation, (J.I.C), Issue No.39, Doha, (in Arabic).*
- 1989 Oct "Marketing and other Production costs in Small Industries in the G.C.C. States", *J.I.C., Issue No.38, Doha, (In Arabic).*
- 1988 Oct "How Transportation Costs could be the Source of Reducing the Cost of Petrochemicals' Marketing from G.C.C. Region?", *J.I.C., Issue No.34, Doha, (in Arabic).*
- 1988 Jan "Freight Rates, Balance of Payments and the Developing of Shipping Industries in the Gulf Countries", *J.I.C., Issue No.31, Doha, (in English).*
- 1988 Apr "The Transportation of Industrial Products to and from the Gulf", *Journal of Co-operation, Issue No.10, Year 3, Riyadh, (in Arabic).*
- 1988 Aug "Towards a Strategy for Steel", *Journal of Arab Gulf Industry, Vol.1, No.3, London, (in English).*
- 1987 Jan "The Role of Investment in Shipping Industries in the Development of the Arab Gulf States". *J.I.C., Issue No.25, Doha, (in Arabic).*
- 1987 Apr "Towards an Arab Regional Industrial Strategy: the Case of the G.C.C. States", *Journal of the Gulf and Arab Peninsula, Issue No.50, Year.13.*
- 1986 July "Sources of Industrial Growth in Saudi Arabia", *Journal of Industrial Development Issue No.12, Baghdad, (in Arabic).*
- 1986 Jun "The Experience of the Arab Gulf States in Industrial Co-operation", *The Arab league Journal, Tunisia, (in Arabic).*
- 1984 Apr "The Structure of G.D.P. in the G.C.C. States", *J.I.C., Issue No.16, Doha, (in Arabic).*
- 1984 Jan "Towards a Strategy to Develop an Iron and Steel Industry for the Arab Gulf States", *J.I.C., Issue no.15, Doha, (in Arabic).*

*Trends in Industrial Development in Oman" sent in June 2007 to United Arab Emirates University Journal for publication.*

*"Exports, Re-Exports, Economics Growth, and Industrial Development in Dubai". Sent to the University of Sharjah's Journal January 2007 for publication.*

### **Books Published**

*1985: Features of Industrial Growth in Saudi Arabia, G.O.I.C., Doha Publishing Co.*

### ***Theses Supervision***

*While Working at Yarmouk University, Jordan, I supervised a number of Msc theses, a record of that is available at the College of Economics and Admin.*

### ***Studies***

- 1997 - Apr “Evaluation of the Industrial Sector in Irbid, Jordan”, a consultative study for the centre of Jordanian Studies, the University of Yarmouk, Jordan.
- 1991- Dec “Means of Attracting Foreign Investment to the G.C.C. Region”, G.O.I.C., Doha, (in Arabic).
- 1991- Nov “Advantages & Disadvantages of the GATT system and Multilateral Trade Agreements for G.C.C. Countries”
- 1991 - Apr “The transportation Sector in Qatar”, a consultative study prepared for the Supreme Council for Planning, State of Qatar, (in Arabic).
- 1990 - Jun “Arab Import Substitution for Industrial Products from the Gulf”, a consultative study prepared for the Supreme Council for planning, State of Qatar, (in Arabic).
- 1990 - Mar “Petrochemicals Products: A Market Study”, G.O.I.C., (in English).
- 1989 - Dec “Evaluation of Marketing Policies in the G.C.C. Countries”, a study prepared for the Ministry of Commerce and Industry, Kuwait, (in Arabic).
- 1989 - Dec “Encouraging Exports from the G.C.C. Region”, a study prepared for the G.C.C. centre, Riyadh, Saudi Arabia, G.O.I.C., Doha, (in Arabic).
- 1987 - Dec “Cost Benefit Analysis of Multi-national Companies in the Gulf Region”, G.O.I.C., (in Arabic).
- 1986 - Dec “Optimum Transportation of Industrial Products to and from the Gulf”, G.O.I.C., Doha, (in Arabic).
- 1984 - May “Towards a Unified Industrial Strategy”, G.O.I.C., Doha, (in Arabic).
- 1983 - Dec “Towards a Strategy for an Iron and Steel Industry in the Gulf Region”, G.O.I.C., Doha, (in Arabic).

### ***Seminars & Conferences***

- 2-4/2/2006 “Conference on Developing Oman’s Resources”, a conference held at Education College, Oman.  
Paper: “Trends in Industrial Development in Oman”.
- 13-15.5.96 “The Fourth Economic Conference, Dept of Economics, University of Yarmouk”.  
Paper: “Cost Benefit Analysis of Sea Transportation and Port Charges in Jordan”.
- 26-27.12.89 “Towards a Basic role for the Private Sector in Industrial Development in Gulf”, the third industrialists conference, organized by G.O.I.C., and the Omani Chamber of Commerce and Industry.  
Paper: “The Role of the Private Sector in Gulf Industry”.
- 28-28.11.88 “Development of Exports from the Arab Gulf States”, a conference organized by the Bahraini Chamber of Commerce of Industry, Manama.  
Paper: “Suitable Policies to Encourage Exports from the Gulf”.
- 28-29.3.88 “Marketing in the Gulf” a second industrialists conference organized by the Bahraini Chamber of Commerce and Industry, Manama.
- 13-15.3.88 “The Marketing of Petrochemicals from the Gulf”, a conference organized by the Gulf the Cooperation Council, Abu Dhabi, U.A.E.  
Paper: “How Transportation cost Can Reduce Marketing Cost of Petrochemical Products from the Gulf?”.

- 6-8.12.87            “Towards Greater Utilization of Capacities in the Gulf”, the first industrialists conference organized by G.O.I.C and the Federation of the Saudi Chamber of Commerce.  
 Paper    : Encouraging Exports from the Arab Gulf States”.
- 26-29.10.1987    “Middle East Risk Management Forum”, a conference organized by the Swedish Chamber of Commerce, Larnaca, Cyprus”.
- Paper    : The G.C.C. Market for the Future, an Industry and trade View”.
- 10-19.11.86        “Technological Policies for Development”, a conference organized by Islamic Development Bank, Jeddah, Saudi Arabia.
- 20-25.4.86         “Future development of the Arab Economies”, Amman, Jordan, a conference organized by the Centre of Arab Unity Studies, Beirut.
- 15-16.12.85        “Competition and Marketing of Industrial Products in the Gulf Region”, a conference organized by G.O.I.C., Doha, Qatar.
- 22-24.5.84         “ Industrial Strategy for the G.C.C. States”, a conference organized by G.O.I.C. & K.I.S.R, and the G.C.C. Secretariat, Manama, Bahrain.
- Paper    : “Towards an Industrial Strategy for the G.C.C. Region”.
- 29-30.11.83        “The Development of the Aluminum Household Utensils and Cans Industry”, a conference organized by G.O.I.C., Doha, Qatar.

### **Dr. Salah Al Khafaji**

#### **Publication in Journals**

1. Salah Alkhafaji. "Traditional & Expand Methodology for Supporting Decision Makers", " Far East Journal" Vol.34, No. 2080910-AM261, Number 1 (January -2009), pages 117-139.
2. Salah Alkhafaji, B.Sriram, " Information Seeking – A Pathway to Knowledge". Under Publishing in the Applied Sciences Journal. Sultanate of Oman.2009.

#### **Books Published**

1. Salah Alkhafaji, "Decision Support Systems Notes and glossary text book", Delmon University, 2002, Bahrain.
2. Salah Alkhafaji, "Information Systems and Technology Text book", Delmon University, 2002, Bahrain.
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#### **Seminar and Conferences**

1. Salah Alkhafaji, B.Sriram, "Educational Hypermedia Development Methodologies", Approved to be presented in the first scientific symposium of the College of APPLIED SCIENCES, Sultanate of Oman. April- 2010.
2. Salah Alkhafaji, Academic Advising Process, Sur University College, 2<sup>nd</sup> semester 2008.
3. Salah Alkhafaji, Computer Security and Privacy, Sur University College. Culture week, 2007.
4. Salah alkhafaji, Data Management Warehousing, Sur University College. 2007.
5. Salah Alkhafaji, Business Report Writing, Sur University College, Culture week 2006

6. *Salah Alkhafaji, "Data Warehouse, the new Knowledge Management Horizon", "the national Conference on Recent Trends in Information Technology, Ibra College of Technology", 2006, Sultanate of Oman*
7. *Salah Alkhafaji, "Study of the intensified needs of Electricity generation and availability for new industrial establishments for future projects in Iraqi, outside Baghdad for both central and south reign", "Ministry of Industry & Minerals, Annual conference", 1997. Iraq.*
8. *Salah Alkhafaji, "Neural Network-Based Position Invariant Texture Segmentation", "The National conference of the Iraqi National Computer Society, (INCS)", 1995, Iraq*
9. *Salah Alkhafaji, "Research and comparison studies for the uses of temporary huge generators to expedite electric power as alternative systems to be used instead of the damaged power Stations in Iraq during the embargo", "The Ministry of Industry & Minerals annual Conference", 1995, Iraq.*
10. *Salah Alkhafaji, "Microprocessor-Based System for Electricity heterogeneous Diagnosis", "submitted to the Conference of the Iraqi National Computer Centre (NCC)", 1993, Iraq.*

#### *On going Research*

1. *Salah Alkhafaji, "Educational hypermedia development methodology", "Sadhana - Academy Proceedings in Engineering Science", under publishing, manuscript number: SADH-D-08-00086. 2008.*

#### *Others*

1. *Salah Alkhafaji, "The role of E-commerce in developing the communities", "shabibaa news paper", 2005. Sultanate of Oman.*

### *Dr Sajeev Surendranath*

#### *Publication in Journals*

1. *Training Needs Analysis – The journal of Business Studies, Half Yearly Research Publication of the Department of Commerce, University of Kerala. Vol. 1, No.1 January 2004*
2. *Integrated Child Development Services in Kerala. An Evaluation, The journal of Business Studies, Half Yearly Research Publication of the Department of Commerce, University of Kerala. Vol 3, No. 5 January 2006*
3. *The Secrets of being flat – The Development of wireless technology, Business Basic Journal – Case Application Research and Technology, Big Pond Technologies, Creda Rapida, IOWA., Volume 1. No. 2, April June 2006*
4. *Online financial Revolution, Business Basic Journal – Case Application Research and Technology, Big Pond Technologies, Creda Rapida, IOWA., Volume 1. No. 3, October – December 2006*
5. *Humour at work – Times of Oman, Thursday Magazine, 22-29, May 2008.*

6. *Inflation and Fuel price Hike – Strategic Options, Times of Oman, Thursday Magazine, July 17-23, 2008*
7. *Economic and Industrial Development in Dubai – An econometric analysis, The journal of Business Studies, Half Yearly Research Publication of the Department of Commerce, University of Kerala. Vol 6, No. 11 January 2009*
8. *Why we must introspect - Times of Oman, Thursday Magazine, 10-16 December 2009*

### ***Books Published***

*Performance Evaluation – Edited Volume, Published by Institute of Management in Government, Vikas Bhavan PO, Trivandrum, Kerala India. January 2002.*

### ***Reports***

1. *Training Module on Project Management – Submitted to UNDP as part of the project on capacity building for State training Institutes, January 2003*
2. *Training Module on distance Learning, Submitted to UNDP as part of the project on capacity building for State training Institutes, January 2005.*

### ***Symposium***

*1. Presented a paper on “preparation of learning materials through distance mode” in the training work shop held at Manchester Metropolitan University, Manchester, UK in May 2002.*

### ***Ongoing Research Works***

1. *Corporate Governance and Ethical issues – A study of ethical and governance issues involved in the crisis of Sathyam Computers, India. (Paper accepted for presentation at the International Seminar at Sur college of Applied science, Sur)  
Dr Sajeev and Mr. Thomas Chandy*
2. *Impact of financial crisis in the Banking Sector of Oman*
3. *Training Effectiveness in Government Organizations – The Need for Targeted Intervention  
(An Article sent for publication with the Indian Journal of Training and Development)*

## **Mo'taz Al Hami**

### ***Journal Published***

1. *Improving Protein 3D Structure Prediction Accuracy Using Dense Regions Areas of Secondary Structures in the Contact Map", American Journal of Biochemistry and Biotechnology (4) 4: 375 – 384, 2008, USA.*

### ***Conferences participation***

*1. MIT LINC 2007 E-Learning Conference Dead Sea/ Dubai 18 November 2007*

## **Dr. Mohammad Al-Khrisat**

### *Book Publication:*

*1. Introduction to Operating Systems, 1985*

### *Publications in Referred Conferences:*

*1. Structuring the Arabic Lexicon and Thesaurus with Lexical-Semantic Relations to Support Information Retrieval, August, 1992*

### *Awards:*

*Intel ISEF 2006*

*Recognition of service award in appreciation for contributions, May - 2006.*