

Dr. Ghassan Kbar

List of Publications

Chapter Books:

1. G. Kbar, S. M. Syed and M. Abidi, accepted paper for publication " Unified Interface for People with Disabilities (UI-PWD) at Smart City (Design and Implementation)", **Chapter book: Information Innovation Technology in Smart Cities**, February, 2016
2. G. Kbar, W. Mansoor, **Chapter book** "Implementation of Efficient Seamless non-broadcast Routing Algorithm for Wireless Mesh Network", in the book **Advanced Techniques in Computing Science and Software Engineering**, Author: Khaled Elleithy Editor, Springer, Science-Business Media B, V, 2010
3. G. Kbar, W. Mansoor, **Chapter book** "Distributed Resources Management in Wireless LANs", in the book **Breakthrough Perspectives in Network and Data Communications Security, Design and Application**, Author: Dr Bose, School of Business, the University of Hong Kong, February 2008.

Journals:

4. G. Kbar, A. Bhatia, M. Syed, , A. Daraiseh, W. Mansoor, " A University-based Smart and Context Aware Solution for People With Disabilities (USCAS-PWD) ", **Computer, special Issue: Theory, Design and Prototyping of Wearable Electronics and Computing**, May, 2016
5. A. Khan and G. Kbar, " A Comprehensive Assessment for Motor and Visually Impaired People using hierarchical model", **Universal Access in the Information Society (UAIS)**, April, 2016
6. G. Kbar, S. Aly, A. Daraiseh, M. Abidi, and M. Syed, " Utilizing Sensors Networks to Develop a Smart and Context Aware Solution for People With Disabilities at the Workplace (SCAS-PWD) (Design and Implementation)", **International Journal of Distributed Sensor Networks**, March, 2016
7. G. Kbar, A. Daraiseh, A. Aly, M. Abidi, and M. Syed, "Assessment of Technologies relevant for People with Motor Hearing and Speaking Impairment", **IETE Technical Review**, April 2016
8. G. Kbar, A. Bhatia, M. Abidi, I. Alsharawy, " Assistive Technologies for Hearing, and Motor Impaired People: A Survey", **Disabilities and Rehabilitation, Informa**, December, 2015
9. G. Kbar, S. Aly, I. ElSharawy, A. Bhatia, N. Alhasan, R. Enriquez, " Smart Help At The Workplace For Persons With Disabilities (Shw-Pwd)", **International Journal of computer, Control, Quantum and Information Engineering** Vol: 9, No:1, 2015
10. G. Kbar, S, Aly, "Goal-based Key Performance Indicators of Science Parks' Effectiveness: A Case Study at Riyadh Techno-Valley" accepted at journal **British Journal of Economics, Management & Trade - BJEMT, Sciencedomain International**, May 2015
11. G. Kbar, A. Aldusrai "Measuring the Effectiveness of National Knowledge Based Economy" at journal **EJEL 2012**
12. G. Kbar, W. Mansoor "Implementation of Adaptive Efficient Seamless packet routing in Wireless LAN" at journal **IJCtee 2012**
13. G. Kbar, W. Mansoor, "Distributed Resources Management in Wireless LANs". **International Journal of Business Data Communications and Networking (Special Edition)**, Special Issue Vol. 2, No. 4, October - December 2006

International Conferences Publication:

14. G. Kbar, " Smart Behavior Tracking System for People with Disabilities at the Work Place", **9th International Conference on Sensing Technology (ICST'15)**, NZ, Dec 2015
15. G. Kbar, A. Bhatia, I. M. Abidi, " Smart Unified Interface for People with Disabilities at the Work Place", **11th International Conference on Innovations in Information Technology (IIT'15)**, Dubai, UAE, Nov, 2015

16. S.Aly, G. Kbar, M. Abdullah, I. ElSharawy, "*Modeling the Interaction and Control of Smart Universal Interface for Persons with Disabilities* ", **Human Computer Interface International HCI15** , , USA, Los Angeles California, 2-7 August, 2015
17. S.Aly, G. Kbar, N. Al Hasan Haldar, "*A Database model for Smart Help Application for Persons with Disabilities at the Workplace* ", **Mediterranean Conference on Information & Communication Technologies'2015** , Morocco, Saïdia, May 7-9, 2015
18. G. Kbar, S.Aly, I. ElSharawy, A. Bhatia, N. Alhasan, R. Enriquez, "Smart Help At The Workplace For Persons With Disabilities (Shw-Pwd)", **ICIES 2015 : XIII International Conference on Intelligent Environments and Systems**, Paris, France January 23 - 24, 2015
19. G. Kbar, A Shady, "SMART workplace for Persons with DISABiLitiEs (SMARTDISABLE)", **ICMCS 2014**, April 14-16 2014, Marrakesh- Morocco.
20. G. Kbar, A. Bahatia, W. Mansoor, "Smart and Context Aware Networking for University Campus", **ICWN'14- WORLDCOMP'14**, July 24, 2014, Las Vegas USA.
21. G. Kbar, "**Challenge Token-based Authentication - CTA**", The Seventh International Conference on Wireless and Mobile Communications - ICWMC" 2011, June 19-24, 2011, Luxembourg.
22. G. Kbar, W. Mansoor "**Voice over IP Mobile Telephony Using WIFI P2P and WLAN in addition to GSM**", The Sixth International Conference on Wireless and Mobile Communications - ICWMC" 2010, September 20-25, 2010, Valencia, Spain.
23. G. Kbar, "**Wireless Network Token-Based Fast Authentication**", IEEE ICT2010 International Conference on Telecommunication, Doha Qatar 4-7 April 2010
24. G. Kbar, W. Mansoor "**Token-based Fast Authentication for Wireless Network**", 2009 International Conference on Information Resources Management, Al Ain-UAE 21-23 May 2009
25. G. Kbar, "**Security Risk Analysis based on probability of Failure, Attacks and Vulnerabilities**", The 7th ACS/IEEE International Conference on Computer Systems and Applications (AICCSA-2009), Rabat Morocco March 2009
26. G. Kbar, "**Security Risk Analysis of Asset in Relation to Vulnerability, Probability of Threats and Failure**", The fourth International Conference on Innovations in Information Technology IIT'08, Al Ain-UAE November 2008
27. G. Kbar, W. Mansoor "**Securing the Wireless LANs against internal attacks using second level of Police Encryption**" The Second International Conference on Information Systems, Technology and Management ICISTM-08 Dubai-UAE March 6-8 2008
28. W. Mansoor, G. Kbar "**Bluetooth to WIFI communication**" The 7th International Conference on Management and Technology IAMOT 2008 Dubai-UAE April 6-10 2008
29. G. Kbar, W. Mansoor "**Securing the Wireless LANs that is based on Distributed Resource Management against internal attacks**" The Second International Conference on Innovations in Information Technology IIT'07 Dubai-UAE November 18-20, 2007
30. G. Kbar, W. Mansoor "**Securing the Wireless LANs against internal attacks**". The 3rd International Conference on Mobile Ad-hoc and Sensor Networks (MSN 2007), 12-14 December 2007, Beijing, China
31. G. Kbar, W. Mansoor "**Analysis of Distributed Resource Management in Wireless LANs that support Fault Tolerance**". The Proceedings of the Fifth International Workshop on Wireless Information Systems (WIS 2006) (Innovative wireless applications, protocols, and systems), Cyprus, May 2006.
32. G. Kbar, W. Mansoor "**Distributed Resources Management in Wireless LANs**". The Second International Conference on Innovations in Information Technology IIT'05 Dubai-UAE September 26-28, 2005
33. G. Kbar, W. Mansoor "**Mobile Station Location based on Hybrid of Signal Strength and time of Arrival**" The Fourth International Conference on **Mobile Business IEEE Sponsored Conference**, July 11-13, 2005 Sydney, Australia
34. G. Kbar "**Fast Wireless Authentication during Roaming to AP**" at IASTED International Conference on Parallel and Distributed Computing and Networks February 17-19, 2005 Innsbruck, Austria.