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**Education**

Ph.D.  **Kharkov State Poly-technical ,University, Kharkov**

**Ukraine,  2001.**

Title of Ph.D. Dissertation:

"Models and Information Technologies for Legacy Information Management System Reengineering"

Specialty: **Computer Engineering.**

**B.Sc. Kharkov State Poly- Technical University,1992.**

Specialty: **Computer Engineering.**

**Professional Experience (Academia)**

2018 – Present     Jerash University

Dean of Faculty of Information Technology.

2014 – Present     Jerash University

Associate Professor, Computer Science Department, Faculty of Information Technology.

2009 – 2014     Jerash University

Assistant Professor, Computer Science Department, Faculty of Information Technology,Head of Computer Science Department

2008 – 2009     AL- Isra Private University

 Assistant Professor, Management Information System Department

2001 – 2008     IrbidNationalUniversity

 Assistant Professor, Computer Science Department, Faculty of Information Technology,Head of Computer Science Department

**Publications in Refereed Journals:**

* Mohammad M Saleem Alsaraireh Binod K. Pattanayak Ahmad K. Habboush and Mustafa Hammad," Performance Analysis and Enhancement of Position-Based Routing Protocols in MANETS",International Journal of Knowledge-Based and Intelligent Engineering Systems, ISSN:1327-2314.
* Ali al-yousef, Yousef Aljaraideh, Eyad Barakat, Mamoon obiedat, Ahmad habboush ," The Impact Of Using E-Learning On The Students Performance In 3rd Developing Countries: A Pilot Study", *International Journal of Engineering and Technology*(IJET), ISSN: 2319-8613 e-ISSN: 0975-4024 .
* Ahmad Habboush ,"Hot Spot Phenomenon and Greedy Routing Failure in Mobile Ad-hoc Networs",Modern Applied Science , ISSN 1913-1844 E-ISSN 1913-1852 Vol. 13, No 4 ,2019.
* Ahmad Habboush ," Ant Colony Optimization (ACO) Based MANET Routing Protocols: A Comprehensive Review", Computer and Information Science, ISSN 1913-8989 E-ISSN 1913-8997, Vol. 12, No. 1 2019 ;
* Ahmad Habboush, Mahmoud AlShugran," An Enhanced Queue ManagementApproach For Greedy Routing in MANETs",Computer and Information Science, Published by Canadian Center of Science and Education, , ISSN 1913-8989 E-ISSN 1913-8997Vol. 11, No 2 ,2018.
* Ahmad Habboush, " Multi-Level Encryption Framework", International Journal of Advanced Computer Science and Applications (IJACSA), ISSN:2156-5570 Vol. 9, No. 4, 2018.
* Ahmad Habboush Mohammad Alnabhan and Mohammad Otoum," ZigBee Nodes’ EMI Immunity by Automatic Channel Selection Algorithm aper",International Journal of Computer Science and Information Security (IJCSIS), ISSN 1947-5500 Vol. 15, No. 3, March 2017.
* Ahmad Habboush, "FSK Modulation Based Image Steganography", Journal of Convergence Information Technology, ISSN: 1975-9320 Vol. 11, No1 ,2016.
* Mohammed Salem Atoum ,AhmadHabboush , "A Review Paper In Steganography Method that Using Message Integrity Techniques", International Journal of Applied Engineering Research, ISSN: 0973-4562 Vol. 10, No. 20,2015.
* Mohammad Alnabhan, Ahmad Habboush, Anas AL-Badareen, Mohammad Al-nawayseh, Bassam EL-Zaghmouri, (2014): An Evaluation Framework for Requirements Definition of Software Development, Journal of Convergence Information Technology, 9(3).
* Ahmad Habboush, Mohammad Alnabhan, Anas AL-Badareen, Mohammad Al-nawayseh, Bassam EL-Zaghmouri, (2014): Investigating Software Maintainability Development: A case for ISO 9126, International Journal of Computer Science Issues, 11 (2).
* Mohammad Alnabhan, Ahmad Haboush, Binod Kumar Pattanayak, Mohammad Alnawaiseh, Anas AL-Badareen, (2014): Emerging Trends in Intrusion Detection in Mobile Ad-Hoc Networks (MANETs), Information Technology Journal, 13 (13), pp.2065-2078.
* Ahmad KhaderHabboush, "A Hybrid Modified Semantic Matching Alogrithm Based on instances Detection With Case Study on Renewable Energy",: International Journal of Engineering Trends and Technology,Volume 8 Number 1- Feb 2014.
* Alnabhan, M., Habobush, A., AL-Saraireh, J., Mattar, N. (2012): A Preliminary Evaluation Study for M-learning Services and Implications for Future Design. World of Computer Science and Information Technology Journal (WCSIT), ISSN: 2221-0741 Vol. 2, No. 1, pp.13-17, 2012.
* Ahmad KhaderHabboush, "Handling Safety-Related Requirements in Critical Systems Product Lines ",Computer and Information Science; (Vol. 6, No. 4; 2013), ISSN 1913-8989 E-ISSN 1913-8997, Published by Canadian Center of Science and Education
* Ahmad Habboush , Ahmad Momani , Maryam AL-Zoubi , MotassemTarazi, "Arabic Text Summerization Model Using Clustering Techniques" World of Computer Science and Information Technology Journal (WCSIT), ISSN: 2221-0741 Vol. 2, No. 3,62-67,2012.
* Ahmad Habboush , Ahmad Momani , Maryam AL-Zoubi , MotassemTarazi, "Arabic Text Summerization Model Using Clustering Techniques" World of Computer Science and Information Technology Journal (WCSIT), ISSN: 2221-0741 Vol. 2, No. 3,62-67,2012.
* Ahmad Habboush , Sami Qawasmeh ." Parallel Sequential Searching Algorithm for Unsorted Array ". Research Journal of Applied Sciences 6(1):70-75,2011Medwell Journals , 2011.

**Publications: Conference Papers Published in Proceedings**

* Ahmad Habboush, Mohammad Al Rawajbeh, Ahmed M. Manasrah, and Ra’ed M. Al-Khatib ," BioCloud: A Network Cloud-Computing Method for Predicting RNA Secondary Structure ", International Journal of Humanities and Applied Sciences (IJHAS) Vol. 5, No. 2, 2016 ISSN 2277 – 4386 ,2016
* Ahmad Habboush ,Mohammad AL Rawajbeh , "Advance object monitoring using wireless sensor network",international conference communication , management, and information technology "ICCMIT 15",April 20-22,2015 ,prague-Czech.
* Mohammad AL Rawajbeh , Ahmad Habboush, " Enhancing the e-Government Functionality using Knowledge Mangment", World Academy of Science Engineering and Technology 75 2011
* Mamoun S. Al Rababaa, Ahmad k Habboush, Ahmad A. Al Khateb., "Techniques of Symmetric BlockCiphering", proceedings of the International Conferenc on Information technology and Natural Science, Jordan,2003.
* Mamoun S. Al Rababaa, Ahmad k Habboush, "An application of Artificial Nural Networks", proceedings of 1st Scientific Conference of Mathematics and Computer, Irbid national University, 2003.
* Tkachuk.M .Ahmad K Habboush "Software Re- Engineering in a Distributed Environment", Reengineering Week 2000 Zurich 29 February thru 3 March 2000 Zurich,Switzerland.

**University and Community Service**

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| --- |
| 1. Member of students Affairs dean ship council
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| 1. Member of the community service
 |
| 1. Member of the preparation committee for the Arab world and the challenges of globalization conference, Irbidl National University
 |
| 1. Member of the social committee, Irbid National University
 |
| 1. Member of the preparation committee for the scientific day, Jerash University
 |
| 1. Member of the University council, Jerash University
 |
| 1. Member of the community service committee, Jerash University
 |
| 1. Member of the Quality assurance committee, Faculty of Science, Jerash University.
 |
| 1. Member of the student election council in Irbid National University
 |
| 1. Chairman of the proficiency examination committee, Irbid National University
 |
| 1. Member of the Faculty council – Irbid Private University
 |

**Research Interest**

* Artificial Intelligence.
* Introduction to Information Technology.
* Computer Networks.
* Digital Electronics
* Software Engineering.
* Information Security.