

# **Curriculum vitae**

## **PERSONAL INFORMATION**

**Name:** Abdulrahman Abdullah Mohammad AlKandari

**Sex:** Male

**Nationality:** Kuwaiti

**Mobile:** 00965-99868868

**Date of birth:** 29-1-1981

**Emails:** aam.alkandari@paaet.edu.kw

[aam\\_alkandary@yahoo.com](mailto:aam_alkandary@yahoo.com)

## **ACADEMIC EDUCATION**

**Academic Institute:** College of Information and Communication Technology,  
International Islamic University Malaysia (IIUM)

**Major:** Ph.D. in Computer Science

**Graduation Date:** 29-08-2014

**Academic Institute:** College of Engineering & Petroleum, Kuwait University

**Major:** M.S. in Computer Engineering

**Graduation Date:** 07-02-2011

**Overall GPA:** 3.88 Out of 4.0

**Academic Institute:** College of Engineering & Petroleum, Kuwait University

**Major:** B.S. in Computer Engineering

**Graduation Date:** 04-08-2004

**Overall GPA:** 3.43 Out of 4.0

**Major GPA:** 3.37 Out of 4.0

# WORK EXPERIENCES

## Full Time:

1. Professor at the Public Authority for Applied Education & Training (Basic Education Collage) on computer department from *July 8 2024 till today*.
2. Associate Professor at the Public Authority for Applied Education & Training (Basic Education Collage) on computer department from *January 30 2020 to July 7 2024*.
3. Head of Computer Department on Basic Education Collage, PAAET from *September 2017 to February 2022*.
4. Vice Head of Computer Department on Basic Education Collage, PAAET from *February 2017 to September 2017*.
5. Assistant Professor at the Public Authority for Applied Education & Training (Basic Education Collage) on computer department from *February 5 2015 till January 29 2020*.
6. Faculty Member at the Public Authority for Applied Education & Training (Basic Education Collage) on computer department from *September 16 2008 to February 5 2015*.
7. Faculty Member at the Public Authority for Applied Education & Training (Telecommunication & Navigation Institute) on computer department from *march 4 2007 to September 16 2008*.
8. Mobile Telecommunication, Kuwait (MTC) as Support Engineer **from June 3 2006 to march 4 2007**.
9. Civil Service Commission, Centre of Information Systems *from February 2005 to end of May 2006*.
  - **Project Coordinator for " Integrated System "(e-Government) between Civil Service Commission and**
    1. **Ministry of Health.**
    2. **Customs Department.**
    3. **Ministry of Transportation.**
    4. **The Parliament.**
    5. **Ministry of Public Works.**
    6. **Civil Aviation Authority.**
    7. **Public Authority of Agriculture Affairs & Fish Resources.**
    8. **Legal Advice & Legislation.**
    9. **Al-Diwan Al-Amiri.**

## **Part Time:**

1. Member of the Board of Trustees at International University .Kuwait (IUK) from 2021 till today.
2. Chairman of the project team "Academic Digital Library" within the development plan projects (for the General Secretariat for Planning) in the Office of the Minister of State for Youth Affairs from *April 2020 to March 2021*
3. Chairman of the committee to follow up the software, electronic applications and technical support in the office of the Minister of State for Youth Affairs from *October 2019 to March 2021*.
4. Consultant of Cybersecurity project at **Sabah Al Ahmed Centre for Giftedness and Creativity** from *May 2017 to June 2021*.
5. Consultant of programs and enrichment activities of Applied Sciences and workshops at **Sabah Al Ahmed Centre for Giftedness and Creativity** from *May 2017 to June 2021*.
6. IT Consultant at **Sabah Al Ahmed Centre for Giftedness and Creativity** from *Jun 2012 to Feb 2013*.
7. General Consultant at SMART for Human Resources Development Co. W.L.L from *January 2012 to January 2019*.
8. Instructor at the Public Authority for Applied Education & Training (Basic Education Collage).( *2007-2008*).
9. Instructor at the Public Authority for Applied Education & Training (Telecommunication & Navigation Institute).( *2004-2005*)-( *2005-2006*).

## **PATENT**

- Al Kandari, A. A. M., & Alshaikhli, I. F. (2014). “Accident detection system and method for accident detection”: US Patent 8,903,636.

# **PUBLICATIONS**

## **Journals:**

1. Abdulrahman Alkandari, Nayef Alawadhi, Ahmed Alonaizi, Abdullah Alshehab, Dalal Almutiri, "Implementation Of Survey Mobile Application: A Voting Algorithm For Social Influence Minimization Using Gps", Journal of Theoretical and Applied Information Technology, 15th June 2023, Vol. 101. No. 11.
2. Abdulrahman Alkandari, Mohammad Alahmad, Nayef Alawadhi, Abdullah Alshehab, Adel Alfoudery, "Positive Intervention Technique For A Computer Virus", Journal of Theoretical and Applied Information Technology, 30th May 2023, Vol. 101. No. 10.
3. Abdullah Alshehab, Thalaya Alfozan, Mohammad Alahmad, Jasem Alostad, Abdulrahman Alkandari, "Technical Challenges Review And Readiness For Adopting Smart Cities In Kuwait", Journal of Theoretical and Applied Information Technology, 30th April 2023, Vol. 101. No. 8.
4. Abdulrahman Alkandari, Adel Alfoudery, Mustafa Ali Abuzaraida, Abdullah Alshehab, "Smart Automated Robot Changing Tires using Ultrasonic Sensors", International Journal of Engineering Trends and Technology, Volume 71, Issue 5, 166-174, May 2023
5. Abdulrahman Alkandari, Mohammed Alahmad, Nayfa almutairi, Mustafa Ali Abuzaraida, Danah AlMansour, "Doctor-Patient Queue for Emergency Contact Appointment Registration", International Journal of Engineering Trends and Technology, Volume 71, Issue 1, 189-200, January 2023.
6. Mohammad Alahmad, Imad Alshaikhli, Abdulrahman Alkandari, Abdullah Alshehab, Mohamamd Rabiul Islam, Meshal Alnasheet, "Influence Of Hedera Hashgraph Over Blockchain", Journal of Engineering Science and Technology, 2022, 17(5)
7. Abdulrahman Alkandari, Mohammad Alahmad, Nayef Alawadhi, "Autophagy Computing Model: A Natural Inspired Process As A New Technique For Applying Self-Star Properties", Journal of Engineering Science and Technology, 2022, 17(3), pp. 956–963.
8. Alawadhi, N., Alshaikhli, I., Alkandari, A. "High Level Dynamic Profiling For Context-Aware Recommender System", Journal of Engineering Science and Technology, 2022, 17(2), pp. 1678 - 1696
9. Alahmad, M., Alkandari, A., Alawadhi, N. "Survey Of Broken Authentication And Session Management Of Web Application vulnerability Attack", Journal of Engineering Science and Technology, 2022, 17(2), pp. 874–882
10. Alshehab, A., Alfozan, T., Gaderrab, H.F., Alahmad, M.A., Alkandari, A. "Identifying significant elements of the digital transformation of organizations in Kuwait", Indonesian Journal of Electrical Engineering and Computer Science, 2022, 26(1), pp. 318–325
11. Abdulrahman Alkandari, Mohammad Alahmad, Nayef Alawadhi, "Overview On 5G And 6G Wireless Communication With IOT Technology", Journal of Engineering Science and Technology Vol. 17, No. 1 (2022) 0095 – 0105.
12. Mohammad Alahmad, Abdulrahman Alkandari, Nayef Alawadhi, "Survey Of Os Command Injection Web Application Vulnerability Attack", Journal of Engineering Science and Technology Vol. 17, No. 1 (2022) 0075 – 0084.

13. Abdulrahman Alkandari, Mustafa Ali Abuzaraida, Adel ALFoudery, "Light Mobile Application for Roads Accident Report", International Journal of Mechanical Engineering, Vol. 6 No. 3 (December, 2021).
14. N. Alawadhi, I. Alshaikhli, A. Alkandari, "High-level transportation framework for outdoor context-aware recommender", Journal of Engineering Science and Technology (JESTEC), Special Issue on August 2021, pp 15 – 31.
15. N. Alawadhi, I. Alshaikhli, A. Alkandari, "Dynamic radius for context-aware recommender system", Journal of Engineering Science and Technology (JESTEC), Special Issue on August 2021, pp 57 - 65.
16. Alawadhi Nayef, Al Shaikhli Imad, Alkandari Abdulrahman, Siba, "Business Owners' Feedback toward Adoption of Open Data: A Case Study in Kuwait", Journal of Electrical and Computer Engineering, vol. 2021, Article ID 6692410, 9 pages, 2021.
17. Abdulrahman Alkandari , Adel Alfoudery , AbeerAlameeri , Dana Al-Adem , Mustafa Ali Abuzaraida, "User Status Sharing for Better Communication, Time Management and User Experience Using Status Wheel Smartphone Application", Turkish Journal of Computer and Mathematics Education Vol.12 No.3(2021).
18. Abdulrahman Alkandari, Abeer Alameeri, Dana Aladem, Mustafa Ali Abuzaraida, "Modeling an Automation Safety Massage System (ASMS) Based on Using Arduino and Mobile Applications for Safe Environment", Journal of Green Engineering (JGE) Volume-11, Issue-1, January 2021.
19. Abdulrahman Alkandari, Sarah Alshamery, Samer Moein, Nayfah Almutairi "Smart Medicine Drawers Using IOS Application and Arduino Board", International Journal on Perceptive and Cognitive Computing (IJPC), Vol. 5, No. 2, pp 59-65, 2019.
20. Nayef Alawadhi, Imad Al Shaikhli, Abdulrahman Akandari, and Mahnaz Tahir, "Optimal Path Planning for Urban Vehicles Using Internet of Things: A New Navigation Perspective", J. Comput. Theor. Nanosci. Vol 16, No 3, 1079–1085 (2019)
21. Abdulrahman Alkandari, Nayfah Mohsen Almutairi, and Abeer Essa Alomairi, "Remote Radio-Frequency Vehicle System Using Arduino-Platform Connected with XBee ", J. Comput. Theor. Nanosci. Vol 16, No 3, 1119–1125 (2019)
22. Nayfah Mohsen Almutairi, Abdulrahman Alkandari, and Abeer Essa Alomairi, "Products Searching and Locating Service System in iPhone Operating System Mobile Using Europe Article Number Barcode and Global Positioning System Technology ", J. Comput. Theor. Nanosci. Vol 16, No 3, 1126–1131 (2019)
23. Abdulrahman Alkandari, Nayfah Mohsen Almutairi, Wasmya Alhayyan, and Abeer Essa Alomairi, "Google Project Tango and ARCore Under the View of Augmented Reality" , J. Comput. Theor. Nanosci. Vol 16, No 3, 1132–1138 (2019)
24. Abdulrahman Alkandari, Nayfah Mohsen Almutairi, Sufyan Aldabbagh, and Mohammad A. AlAhmad, "Multi-Sensor Leakage Detector Robot for Nuclear Radiation and Chemicals" , J. Comput. Theor. Nanosci. Vol 16, No 3, 1139–1142 (2019)
25. Adel Alfoudery, Abdulrahman Alkandari, S. Moein , "Survey on: Nano Technology", Indonesian Journal of Electrical Engineering and Computer Science (IJEECS), Vol 10, No 2, p , 2018.
26. Abdulrahman Alkandari, Imad Alshaikhli, "Implementation of Dynamic Fuzzy Logic Control of Traffic Light with Accident Detection and Action System using iTraffic Simulation" , Indonesian Journal of Electrical Engineering and Computer Science (IJEECS), Vol 10, No 1, p 100-109 , 2018.

27. Abdulrahman Alkandari, S. Moein, "Implementation of Monitoring System for Air Quality using Raspberry Pi: Experimental Study", *Indonesian Journal of Electrical Engineering and Computer Science (IJECS)*, Vol 10, No 1, p 43-49 , 2018.
28. Abdulrahman Alkandari, S. Moein, "Vehicle Accident Report Application for Solving Traffic Problems and Reduce the Ratio of Pollution using Case Study: Kuwait City" ", *Indonesian Journal of Electrical Engineering and Computer Science (IJECS)*, Vol 10, No 1, p 380-391 , 2018.
29. Adel ALFoudery , Abdulrahman Abdullah Alkandari , Nayfah Mohsen Almutairi, "Trash Basket Sensor Notification Using Arduino with Android Application" , *Indonesian Journal of Electrical Engineering and Computer Science (IJECS)*, Vol 10, No 1, p 120-128 , 2018.
30. Soha Aljaber, Nayfah Mohsen Almutairi, Abdulrahman Alkandari , "Internal and External e-Customs Services IOS Application Case Study: Kuwait Customs Department", *Indonesian Journal of Electrical Engineering and Computer Science (IJECS)*, Vol 10, No 1, p 400-408 , 2018.
31. Nayfah Mohsen Almutairi, Abdulrahman Alkandari, Mohammed Alkandari, " QR-CODE FOR SMARTPHONE: AN IMPLEMENTATION OF RECORDING & CALCULATING ATTENDANCE" *Journal of Advanced Computer Science and Technology Research*, Vol 7,NO 4, 2017.
32. Abdulrahman Abdullah Alkandari, Nayfah Mohsen Almutairi, Samer Moein, " TICKETING SYSTEM USING MOBILE IOS APPLICATION" *Journal of Advanced Computer Science and Technology Research*, Vol 7,NO 4, 2017.
33. A. Alkandari, *et al.*, "Medical Care Reminder for Infants Using Android Application" *Journal of Advanced Computer Science and Technology Research*, Vol 7,NO 2, 2017.
34. A. Alkandari, *et al.*, "Nanotechnology Applications: an Analytic Comparison" *Journal of Advanced Computer Science and Technology Research*, Vol 7,NO 2, 2017.
35. S. Moein, T. A. Gulliver, F. Gebali and A. Alkandari, "**Hardware Trojan Identification and Detection**" *International Journal on Cryptography and Information Security (IJCIS)*, Vol. 7, No. 2, 2017.
36. S. Moein, T. A. Gulliver, F. Gebali and A. Alkandari, "**Hardware Attack Mitigation Techniques Analysis**" *International Journal on Cryptography and Information Security (IJCIS)*, Vol. 7, No. 1, March 2017.
37. S. Moein, T. A. Gulliver, F. Gebali and A. Alkandari, "A New Characterization of Hardware Trojans," in *IEEE Access*, vol. 4, pp. 2721-2731, 2016.
38. Abdulrahman Alkandari , Fatma Eisa Alkandari, Altaf Alshammari, "BLOOD BANK SMART PHONE APPLICATION FOR MANAGING AND ORGANIZING THE BLOOD DONATION", *International Journal of New Computer Architectures and their Applications (IJNCAA)*, Vol. 6, No. 3, pp 86-91, 2016.
39. Meshal Alnasheet, Abdulrahman Al-kandari, "Anatomy of Routing and Routing Loops with the IP Backbone", *International Journal of Electrical & Computer Sciences IJECS / IJENS*, vol 16, No 2, 2016
40. Abdulrahman Alkandari, Areej Alajmi, Sarah Muhammad, Altaf Alshammari, "Ultrasonic sensors gloves for blind people using Lilypad Arduino", *International Journal of New Computer Architectures and their Applications (IJNCAA)*, Vol. 6, No. 1, pp16-22, 2016.

41. Faisal AlAwadhi, Abdulrahman Alkandari, Altaf Mishaal Alshammari, "Reminder Control System for Children Medical Care using Smart Phone Application", *International Journal on Perceptive and Cognitive Computing (IJPCC)*, vol 1, No1, pp 24-28, 2015.
42. AlAwadhi, Faisal; Yousef, Mohammed Ali; Al-Kandari, Abdulrahman,"Accident Detection Traffic Light System with Dynamic Fuzzy Logic Control Using FuzzyTech Program and iTraffic Simulation", *International Journal on Perceptive and Cognitive Computing*, vol 1, No 1, 2015.
43. Abdulaziz A. Alkandar, Abdulrahman Alkandari. "For Certain Types of Business; an Object Database is Key to Success" *Journal of Advanced Computer Science and Technology Research*, vol. 5, No 2, 2015.
44. A. Alkandari and I. F. Al-Shaikhli, "The Architecture of Dynamic Hybrid Fuzzy Logic Control of Traffic Light Network with Accident Detection / Action System," *International Journal of Engineering & Technology IJET-IJENS* vol. 14, 2014.
45. A. Al-Kandari, *et al.*, "Comparative Study between Traffic Control Methods Using Simulation Software," *International Journal of Machine Learning and Computing*, vol. Vol. 3,, pp. 424-429, 2013.
46. Abdulrahman A. Alkandari, I. F. A. "Designing a Smart City in Kuwait: an Initial Study " *Journal of Advanced Computer Science and Technology Research*, vol. 2, 2012.
47. A. Alkandari and M. A. Ahmad, "Interference Management in Femtocells," *Journal of Advanced Computer Science and Technology Research*, vol. 2, 2012.
48. A. Alkandari, *et al.*, "Smart Cities: Survey," *Journal of Advanced Computer Science and Technology Research*, vol. 2, 2012.
49. Abdulrahman Alkandari, M. a. Yousef Alabduljader, Samer M. Moein, "Wireless Sensor Network (WSN) for Water Monitoring System: Case Study of Kuwait Beaches," *International Journal of Digital Information and Wireless Communications (IJDWC)*, vol. 1, pp. 745-753, 2012.
50. S. Al-Fedaghi and A. Alkandari, "On Security Development Lifecycle: Conceptual Description of Vulnerabilities, Risks, and Threats," *JDCTA: International Journal of Digital Content Technology and its Applications*, vol. 5, pp. 296-306, 2011.

## Conferences:

1. Alkandari, A., Alshammari, A., Aljandal, M."Smart taxi navigation system using IOS application case study: Kuwait City", (2016) 6th International Workshop on Computer Science and Engineering, WCSE 2016, pp. 185-192.
2. Alkandari, A., Alshammari, A., Moein, S."Temperature and humidity management of the storage houses of food using data logger", (2016) 6th International Workshop on Computer Science and Engineering, WCSE 2016, pp. 193-200.
3. M. Yousef, D. K. Hunter and A. Al-Kandari, "Relieving Routing Loops through TTL Relaxation," *2015 4th International Conference on Advanced Computer Science Applications and Technologies (ACSAT)*, Kuala Lumpur, Malaysia, 2015, pp. 150-153.

4. M. Yousef, D. K. Hunter and A. Al-Kandari, "Analysis of Network Layer Routing Loops," *2015 4th International Conference on Advanced Computer Science Applications and Technologies (ACSAT)*, Kuala Lumpur, Malaysia, 2015, pp. 146-149.
5. K. Al-Rasheed and A. Al-Kandari, "Accident Detection System Using Dynamic Fuzzy Logic Control," *2015 4th International Conference on Advanced Computer Science Applications and Technologies (ACSAT)*, Kuala Lumpur, Malaysia, 2015, pp. 133-139.
6. F. Al-Awadhi, M. A. Yousef and A. Alkandari, "Dynamic Fuzzy Logic Traffic Light Integrated System with Accident Detection System Using iTraffic Simulation," *2015 4th International Conference on Advanced Computer Science Applications and Technologies (ACSAT)*, Kuala Lumpur, Malaysia, 2015, pp. 140-145.
7. Alkandari, Abdulrahman; Aljaber, Soha Jaber, "Principle Component Analysis algorithm (PCA) for image recognition," in *Computing Technology and Information Management (ICCTIM)*, 2015 Second International Conference on , vol., no., pp.76-80, 21-23 April 2015.
8. Alkandari, Abdulrahman Abdullah; Alshammari, Altaf Mishaal, "Theory of dynamic hybrid fuzzy logic control of traffic light network with accident detection and action system," in *Computing Technology and Information Management (ICCTIM)*, 2015 Second International Conference on , vol., no., pp.81-86, 21-23 April 2015.
9. Alkandari, Abdulrahman Abdullah; Aljandal, Meshari, "Theory of dynamic fuzzy logic traffic light integrated system with accident detection and action," in *Computing Technology and Information Management (ICCTIM)*, 2015 Second International Conference on , vol., no., pp.62-68, 21-23 April 2015.
10. Alkandari, A. A., & AlAwadhi, F. A. (2015, April). Dynamic fuzzy logic traffic light integrated system with Accident Detection System using FuzzyTech program. In *Computing Technology and Information Management (ICCTIM)*, 2015 Second International Conference on (pp. 69-75). IEEE.
11. Abdulrahman AlKandari, I. F. A.-S., Ali Alhadad. (2014, 19-21 August 2014 ). Optimization of Traffic Control Methods comparing with Dynamic Webster with Dynamic Cycle Time (DWDC) using simulation software. Paper presented at the 10th International Conference on Natural Computation (ICNC 2014), Xiamen University, Xiamen, China.
12. Abdulrahman Al-Kandari, M. A. "Fuzzy Object Relational Database Management System (FORDBMS) is Appropriate Approach for Real-Estate (GIS) Business," in *The Fourth International Conference on Digital Information and Communication Technology and its Applications (DICTAP2014)* University of the Thai Chamber of Commerce, Bangkok, Thailand 2014.
13. Abdulrahman Al-Kandari, M. A.-N. Abdullah R. Abdulgafer, "WiMAX vs. LTE: an Analytic Comparison," in *The Fourth International Conference on Digital Information and Communication Technology and its Applications (DICTAP2014)* University of the Thai Chamber of Commerce, Bangkok, Thailand 2014.
14. Al-Enezi, Khalid Abdulkareem; Al-Shaikhli, Imad Fakhri; Alhatem, Khaled; Al-Kandari, Abdul Rahman, "Security risk analysis used by Kuwait government sectors", *Advanced Computer Science Applications and Technologies (ACSAT)*, 2014 3rd International Conference on, 44-49, 2014
15. Al-Enezi, Khalid Abdulkareem; Al-Shaikhli, Imad Fakhri; Al-Kandari, Abdul Rahman; Aldabbagh, Sufyan Salim Mahmood, "Cyber-Attacks Detection & Protection in



- Kuwait Government Sectors”, Advanced Computer Science Applications and Technologies (ACSAT), 2014 3rd International Conference on , 50-55, 2014
16. Al-Enezi, Khalid Abdulkareem; Al-Shaikhli, Imad Fakhri; Al-Kandari, Abdul Rahman; Al-Tayyar, Lulwa Ziad, “A Survey of Intrusion Detection System Using Case Study Kuwait Governments Entities”, Advanced Computer Science Applications and Technologies (ACSAT), 2014 3rd International Conference on, 37-43, 2014
  17. Al-Enezi, K. A., Al-shaikhli, I. F., Al-kandari, A. R., & Al-Mutairi, H. M. (2013). E-business Continuity and Disaster Recovery Plan Case Study Kuwait: Kuwait Government Entities (GEs). Paper presented at the Advanced Computer Science Applications and Technologies (ACSAT), 2013 International Conference on.
  18. Abdulrahman Alkandari, I. F. A.-S. Anas Najaa, Meshari Aljandal, "Accident Detection and Action System Using Fuzzy Logic Theory," in *International Conference on Fuzzy Theory and Its Applications (iFUZZY2013)*, National Taiwan University of Science and Technology(NTUST), Taipei, Taiwan, 2013.
  19. A. Alkandari, *et al.*, "An Anatomy of IGP and BGP Routing Protocols," in *Advanced Computer Science Applications and Technologies (ACSAT), 2012 International Conference on*, 2012, pp. 279-283.
  20. Abdulrahman A. Alkandari, I. F. A. Meshal alnasheet, "Traffic Management System Based on WSN in Kuwait: an Initial Design," in *International Conference on Informatics and Applications (ICIA2012)*, University Sultan Zain al Abidin, Malaysia 2012, pp. 349-355.
  21. A. a. Alkandari, Meshal ; Alabduljader, Yousef ; Moein, Samer M. , "Water Monitoring System using Wireless Sensor Network (WSN): Case Study of Kuwait Beaches," in *Digital Information Processing and Communications (ICDIPC), Second International Conference*, Klaipeda City, Lithuania, 2012, pp. 10 - 15.

## Books and Technical Reports

1. Technical Supervise for Handbook of activities for the Robotics Course, sixth grade, Part I Boys (second edition), 2019
2. Technical Supervise for Handbook of activities for the Robotics Course, seventh grade, Part II Boys (first edition) 2019
3. Technical Supervise for Robot Book of Education for the Intermediate Part I Boys (First Edition) 2018
4. Technical Supervise for Handbook of activities for the Robotics Course, sixth grade, Part I Girls (Second Edition) 2019
5. Technical Supervise for Handbook of activities for the Robotics Course, seventh grade, Part II Girls (first edition) 2019
6. Technical Supervise for Robot Book of Education for the Intermediate Part I Girls (First Edition) 2018

7. Technical Supervise for Robot Book of Education for the Intermediate boys / girls (second edition) 2019
8. Technical Supervise for Guidebook for the Robot of Education for the intermediate stage (first edition) 2018
9. Update the technical manuals for the Arab Robotics Championship and issued in 2019

## **SPEECHES AND WORKSHOPS**

- Lecture on Smart Phones, High School, April 2012
- Smart Cities World MENA 2011 Conference, Dubai, UAE, 21st - 23rd November 2011
- Workshop on Robotics, High School, November 2011
- Lecture on Wireless Communications, High School, 20 November 2009
- Lecture on Introduction of GSM, High School, 25 October 2008
- Symposium on WIMAX, Telecommunication & Navigation Institute, 11 January 2007

## **ARBITRATION AND COMMISSIONS**

- Member of the development project team in the curriculum for implementation of development plan projects (2019/2020) & (2020/2021). at the level of the Ministry of Education, headed by assistant undersecretary for the educational research and curriculum sector.
- Member of the reviewing Committee for the sixth grade student book about robot subject on second semester 2017/2018.
- Vice Chairman of the Top Supervisory Committee of the 12th Arab Robotics Championship in Kuwait Jan 2019.
- Member of the Committee for updating the technical manual of the Arab Robotics Championship in 2018.
- Reviewer on International Conference on Advanced Computer Science Applications and Technologies (ACSAT 2017) on Malaysia.
- Representative of the Sabah Al-Ahmad Center for giftedness and creativity to establish the robotics curricula in the educational system with the Ministry of Education
- Chairman of the judges in First Lego League (FLL) project of the 10th Arab robotics championship held in Qatar 19 – 22 /3/2017.
- Chairman of the judges in open challenge of the 10th Arab robotics championship held in Qatar 19 – 22 /3/2017
- Chairman of the Committee to evaluate and improve the quality of workshops Applied Science in Sabah Alahmed Center for Giftedness and Creativity from 5/12/2016 to 5/2/2017
- Member of the Committee authored textbooks for Grade Ten in Ministry of Education 2017/2018.
- Member of judges on the projects of Heading Global Conference , Public Authority for Applied Education and Training, Kuwait, Nov 14th – 16th, 2016.
- Reviewer on *Journal of Advanced Computer Science and Technology Research (JACSTR)*.

- Reviewer on International Conference on Advanced Computer Science Applications and Technologies (ACSAT 2015) on Malaysia.
- Reviewer on International Conference on Advanced Computer Science Applications and Technologies (ACSAT 2014) on Jordan.
- Reviewer on International Conference on Advanced Computer Science Applications and Technologies (ACSAT 2013) on Malaysia.
- Reviewer on International Conference on Advanced Computer Science Applications and Technologies (ACSAT 2012) on Malaysia.
- Member of judges on First Climbing and Walking Robots Association Kuwait (CLAWAR) Competition and workshop , College of Technological Studies, Public Authority for Applied Education and Training, Kuwait, June 7th – 8th, 2015.
- Member of judges on Second National Robotics Competition of Kuwait Colleges and Universities for Undergraduate Students, Kuwait University, May 2012.
- Member of judges on First National Robotics Competition of Kuwait Colleges and Universities for Undergraduate Students, Kuwait University, May 2011.

## **ACHIEVEMENTS**

- Supervising a student team that won Third place in innovation on open challenge of the 12th Arab robotics championship held in Kuwait 2019.
- Supervising a student team that won first place in innovation on open challenge of the 11th Arab robotics championship held in Egypt 2018.
- Supervising a student team that publish an IOS and Android Application for Public Relation Department in College of Basic Education (PR CBE).
- The establishment and coordination of the agreement between the Public Authority for Applied Education and Training with the Sabah Al-Ahmad Center for giftedness and creativity to establish two Robot labs with the German company (Fischertechnik) in Basic Education College. 2017
- Supervising a student team that won first place in innovation on open challenge of the 10th Arab robotics championship held in Qatar 19 – 22 /3/2017.
- Supervising a student team (Smart Home) that won first place on the projects of Heading Global Conference, Public Authority for Applied Education and Training, Kuwait, Nov 14th – 16th, 2016.
- Best Paper Award, *5th International Conference on Machine Learning and Computing*, China, 2013.
- Best Paper Award, *Second International Conference in Digital Information Processing and Communications (ICDIPC)*, Klaipeda City, Lithuania, 2012

## **SPECIAL TRAINING and QUALIFICATIONS**

- ICDL Certificate
- NETWORK+
- A+

- CTP Certified trainer professional (Dubai ICDL GCC)
- UNIX Essentials Featuring the Solaris 10 Operating System
- NetBoss Training (Manage IT, Building Interfaces with Build IT and NetBoss Administrator.
- Level 3 User (ITQ) Information Technology Qualification (City & Guilds) [Cambridge Regional College 2010]
- FisherTechnik STEM Engineering Course, 2017
- Certified Chief Information Security Officer (CCISO) from EC-Council 2019, Cert. No: ECC0835192467

## **HONORS AND DISTINCTIONS**

1. Dean's Merit students List for the terms 2001-2002,2002-2003, 2003-2004
2. Participation honors in the Computer Engineering Department Activities (ACM)
3. Participation honors in the Exposition of Engineering Senior Design projects Summer 2003

## **PROFESSIONAL SOCIETIES**

1. Member of Kuwait Society of Engineers
2. Member of Kuwait Information Technology Society
3. Member of Arab Robotics Association