

CURRICULUM VITAE

1. Personal Data

Name : **Fawaz S. Al-Anzi**
Nationality : Kuwait
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Kuwait University
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Kuwait
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2. Educational Background

Ph.D. in Computer Science, June 1995.
Department of Computer Science.
Rensselaer Polytechnic Institute, Troy, NY, 12180, USA.

M.Sc. in Computer Science, December 1989. Department of Computer Science.
Rensselaer Polytechnic Institute, Troy, NY, 12180, USA.

B.Sc. in Electrical Engineering with honors, June 1987.
Department of Electrical Engineering
Kuwait University, PO Box 5969, Safat, Postal Code 13060, Kuwait.

3. Professional Experience

Founding Dean (3/2011 – 6/2016)
College of Computing Science and Engineering
Kuwait University, Kuwait

Professor (6/2007 – Present)
Department of Computer Engineering
Kuwait University, Kuwait

Associate Professor (10/2002 –6/2007)
Department of Computer Engineering
Kuwait University, Kuwait

Assistant Professor (9/95 – 10/2002)
Department of Computer Engineering
Kuwait University, Kuwait

Research Assistant (8/88 – 8/95)

Center of Automated Manufacturing

Rensselaer Polytechnic Institute, Troy, New York. Troy, New York, USA.

Lab Engineer (11/87 to 8/88)

Department of Electrical and Computer Engineering

Kuwait University, Kuwait

Awards

- Arab League Award on Best Idea to ration Water, Doha, Qatar, 2014.
- Best E-Government Solution Award for supervising the Electronic Linkage of IT System of Ministry of Electricity and Water and Kuwait Municipality, KFAS, 2010.
- Best Paper Award, Kuwait first GIS Workshop, KFAS, Arab Association, 2006.
- Kuwait University Research Performance Award, Awarded by Kuwait University Research Performance for Research Administration in 2005.
- KFAS 2004 Engineering Research Award, first class research prize of the country of His Highness Amir of Kuwait award of engineering research, 2004 (The award is given to only one research per year).
- Computer Engineering Scholarship Award, 1989-1995, awarded a scholarship to pursue M.Sc. and Ph.D. for Kuwait University.
- Model Student Award, College of Engineering and Petroleum, Kuwait University, 1986.
- Awarded the representation of Kuwait University in Students in Convention of London International Youth, UK, Summer 1984.
- Awarded the representation of Kuwait University in Students Exchange Program with US external Affairs, USA, Summer, 1985.
- Awarded the representation of Kuwait University in Students Exchange Program with African Nations, Somalia, Spring, 1986.

Patents

- Planter System Made with Scap Tires, Patent Registration in USA Patent Office file number US 2018/0014482 A1, Jan 18, 2018.

Teaching

Courses taught at Kuwait University, Kuwait

- Introduction to Programming (CpE-200)
- Data Structures (CpE -207/ CpE -307)
- Software Engineering I (CpE -308. CpE-221)

- System Design (CpE -395)
- Engineering Training (CpE -399)
- Database Systems (CpE -401/CpE -341)
- Software Engineering II (CpE-408)
- Value Engineering Applications (CpE-424)
- Computer Engineering Capstone Design I (CpE-492, CpE-395)
- Computer Engineering Capstone Design II (CpE-494, CpE-495)

Advising

Kuwait University, Kuwait

Advising undergraduate students (Sept. 1995 – present)

Special Duties

Member of Abdullah Al-Salem University (New University in Kuwait) Founding Board, September 2021.

University Services

Special Duties

- Dean of College of Computer Science and Engineering, Kuwait University, 2013- present.
- Founder and Acting Dean of College of Computer Science and Engineering, Kuwait University, 2011- 2012.
- Vice-Dean for Planning and Career Development, College of Engineering and Petroleum, Kuwait University, 2003 – 2007.
- Founder and Director of Office of Information and Automation, College of Engineering and Petroleum, Kuwait University, 1996 - 1999

Kuwait University, Kuwait

- Coordinator of Research Award Committee, College of Engineering and Petroleum, 2010/2011
- Coordinator of Consultation Council, Computer Engineering Department, 2010/2011
- Member of Promotion Committee, Computer Engineering Department, 2010/2011
- Member of College of Computer Science and Engineering Academic Establishing Feasibility Study, 2010
- Member of Graduate Studies Committee, 2005/2006
- College of Engineering and Petroleum Representative in University Committee of Consultation Offices, 2005-present
- Member of College of Engineering and Petroleum Council, 2003present
- Member of College of Engineering and Petroleum Chairmen Committee, 2003-present

- Member of Member of College of Engineering and Petroleum ViceDean Committee, 2003-present
- Coordinator of Consultation and Training Committee, Member of College of Engineering and Petroleum, 2003-present
- Member of Undergraduate Program Committee, 2003/2004
- Member of Graduate Qualifying Exam Committee, 2001/2002, 2002/2003, 2003/2004
- Department Coordinator for Intensive courses, 2000/2001, 2001/2002, 2002/2003
- Member of Department Equipment, Labs and Budget Committee, 2000/2001
- Department Coordinator for Consultation, 2000/2001, 2001/2002
- Member of Department ABET Assessment Committee, 2000/2001
- Member of College Committee of Consultation and Career Development, 2000/2001, 2001/2002
- Member of College Committee of Office of Automation future plan, 2000/2001
- Member of College Committee of Network project proposal bid resolution 2000/2001
- Member of ABET Ethics Committee, 1999.
- Coordinator and Committee Member of tackling Year 2000 Problem in College of Engineering and Petroleum, Kuwait University, 1998 – 2000.

Selected Undergraduate Projects Supervised

- ALL-Within, Sara Khaled Al-Mutairi, Fatma Habeeb Al-Thahabi, Malak Al-Harbi, Reem Ebrahim (Course 395)
- Pegg(.)net, Bashayer Almushaileh, Sarah Alkhaldi, Shereen Al-Hashemi, Shahad Alshaher (Courses 395 and 495)
- Capstone Design Traffico, Alya Alrashidi, Amal Alzabi, Hawraa Alabdin, Hayat Alnori, Wadha Almarshed (Course 495)
- Reverse Vending Machine (RVM), Fatma Al-Fraa, Zainab Hassan, Farah Al-Shatti, Wahaj Al-Mutairi, (Course 495)
- Achieving a Healthy Community through Games, Senior Project, Menawor Alazmi, Mohamed Ali, Ali Al-Qatan (course 395), Fall '2010.
- Secure Shopping through Radio Tags, Muneerah Alhaider, Fatemah Aldeehani, Sarah Alhawal, Anwar Al-Harbi (course 395), Fall '2010.
- KU Admission & Registration using Smart Card, Senior Project, Eman Al-Humaidi, Eman Al-Doob, Sara Mohammed Al-Shaiji, and Heba AIMeshari (course 492), Spring '2005
- CETC-System automation, Civil Engineering Testing Center Oracle Database, Senior Project, Hessa Saleh Al-Muzaini, Shouq Ahmed Al-Souq, Lulwa Ali Al-Hubail, and Muneera Salah Al-Matooq, (course 492), Spring '2005

- e-Attendance using Smart Cards, Senior Project, Latifa Ahmed, Mariam Al Kanadari, Hawraa Al-Ansari, and Eman Al-Kandari, (course 492), Spring '2005
- Lab Security Using i-Buttons, Senior Project, Bashayer Al-Houti, Nisreen Mousa, Ola Ahmed Saaifan, and Deena Yacob Sultan (course 492), Spring '2005
- Attendance System using i-Buttons, Senior Project, Mohammad E AlSaoud, Fadi Mohammed Ferzat, and Dawod Hassan Al-Alawi, (course 492), Spring '2004
- Medical Data Card-(Smart-Card), Senior Project, Salem B. Al-Shatti, Abdul Rahman Al-Barjas, and Talal Mohammed Al-Azmi, (course 492), Spring '2004
- Super car-parking (Smart-Card), Senior Project, Yaseen Askar, Mohamed Gloum Al-Kandery, and Mutlaq Al-Raheeli, (course 492), Spring '2004
- Arabic SQL Translator, Senior Project, Faisal Essa Al-Mulla and Aqeel Al - Jadi, (course 494), Fall '2002.
- Made in Kuwait, Senior Project, Shaima'a Al-Kandari, and Abeer AlSeleli, (course 494), Fall '2002.
- Alumini Web Page, Senior Project, Saud Abdulaziz, Saleh Salman, and Khaled Assaf, (course 492), Summer '2002.
- Seminar Information System, Senior Project, Mohamed Al-Zanki, Waleed Al-Furaih, and Saad Al-Obaid (course 492), Summer '2002.
- Graduation System of KU, Senior Project, Ahmad Hammad, Bashar Al-Fenaini, and Abdullah Abdullah (course 492), Summer '2002
- E-Garage, Senior Project, Reyadh Al-Ayoub and Mohamed Al-Tajalli (course 492), Summer '2002
- Old CpE Exams Database Webpage, Senior Project, Awrad Mohammed, Hanouf Al-Khashab, and Asma Saad (course 492), Summer '2002
- OCCD Accounting System, Senior Project, Samah Ibraheem and Maha Al-Hajri (course 492), Summer '2002
- OCCD Web Page, Senior Project, Fatma Al-Sarraf and Basma Al-Jenae (course 492), Summer '2002
- KUNIV student counsel system, Senior Project, Mhaimen Abdulgafoor Jassim and Hassan Al-Jaralla, (course 494), Spring '2001
- Blood Type health care System, Senior Project, Alia Adel Al Sharhan, Mona Mohammed Hassan, and Hanaa Salem Al-Nashwan, (course 494), Spring '2001
- Traffic Department On-Line, Senior Project, Loulwa Ahmad and Bashayer Mohammed, (course 494), Spring '2001
- Home Sweet Home, Senior Project, Shaika Jassim Al-Ali, and Monira Waleed Al-Rowaih, (course 494), Spring '2001

- Al-Ru'ya Bilingual School, Senior Project, Nuha Hussain, Basma Al-Fahad, and Zienab M Al-Bader (course 494), Spring '2001
- Spacatoon website, Senior Project, Hanan Saad Radi, and Bedour Baroun (course 494), Spring '2001
- E-Magazine, Senior Project, Amal Al-Kandari, Ma'ali Al-Najely, Samar Al-Mutari, and Shaima Al-Khashram, (course 494), Fall '2000
- Banbino Nursery, Senior Project, Abrar Yousef Al-Dikheel, Ghadna'a Zeraine, and Haya Bader, (course 494), Fall '2000
- AAFAQ Electronic Newspaper, Senior Project, Ahmad Abdulla Safar, Barrak Al-Marhoun, and Talal Kamel, (course 494), Fall '2000
- Online Careers, Senior Project, Khalid Al-Zanki, Ali Al-Suffar, and Mohammed Ali Al-Beraiki, (course 494), Fall '2000
- Happy Marriage System, Senior Project, Ahmad Al-Joridan, Ahmed Yakoub Al Ali, Ali Al-Mulla, and Hussain Ali Hussain (course 494), Fall '2000
- REDS Online Real Estate Database System, Senior Project, Ahmad Suod Suliman, Faisal Al-Hashash, Nasser Al-Tayar, (course 494), Fall '2000
- Building an Internet Server, Senior Project, Bassam Jaied Al-Shameri (course 495) Fall '96 - Spring '97.
- An Oracle Implementation of College of Engineering Faculty Members Database System. Senior Project, Dema Yousef Husain Shaath and Sasan Nezar Sabri (course 492), Spring '97.
- English/Arabic Automatic Translation of Internet WWW home pages, Senior Project, Maha Husain Mahdi Faisal and Huda Awidh Mutae AlMutairi (course 494), Spring '97.
- Ministry of Awqaf Holy Quran Memorization Tracking System, Senior Project, Abdullah Musaed Ibraheem Al-Najar (course 494), Spring '97.
- A Platform Independent Arabic Language Java Applet, Senior Project, Dema Yousef Husain Shaath and Sasan Nezar Sabri (course 494), Fall '97.
- An Arabic Noun Phonic Library, Senior Project, Deena Al-Ghanim (course 492) Fall '97.
- Building Data Clustering Library Using Genetic Algorithms, Senior Project, Abdulaziz Rafan Al-Enezi (course 495), Spring 1996.

Selected PhD/Master Theses and Master Projects Supervised

- Mobile Network Routing, Khalid Al-Assaf, PhD Thesis, Co-Advisor, Spring 2010-Fall 2011.
- Knowledge Base Data-minig, Nandita Tripathi, PhD Thesis, CoAdvisor, Spring 2009-Fall 2010.
- Ontology for Bilateral Political Relations, Samira Alshaiji, PhD Thesis, Co-Advisor, Fall 2001-current.
- Cloud Computing Software Development Model, Bashayer Ali, Master Thesis, Advisor, Spring 2010-Fall 2010.

- Cloud Computing E-Learning Systems, Anam Al-Fylakawi, Master Thesis, Advisor, Spring 2010-Fall 2010.
- Injection Detection and Prevention Through SQL Optimization, Eidah Al-Khashab, Master Thesis, Advisor, Spring 2010-Fall 2010.
- Arabic OCR, Rami Al-Sahar, Master Thesis, Convener, Spring 2010.
- New Software Model, Sarah Al Mulla, Master Thesis, Convener, Spring 2010.
- Multimedia Data Objects Allocation Using Non-Classical Algorithms, Master Thesis, Mohamed Al-Fares, Thesis Supervisor, Spring '99-Fall '00.
- A Comparative Study of Internet Database Connectivity Methodologies and Trends, Master Project, Ghadeer AL-Romi Project Supervisor, Spring '98.
- A Comparative Study of CGI, API, JAVA and CORBA Database Connectivity, Master Project, Najlaa Darwish, Project Supervisor, Fall '98.

Selected Research Projects: Conducted the following research projects

Title: "Arabic Text Classification using Social Spider Optimization Algorithm"

Source: Kuwait University

Number: EO02/21

Funds:

Period:

Position: PI

Title: "New supervised machine learning approach for target-dependent sentiment classification of Arabic language"

Source: Kuwait University

Number: EO05/18

Funds:

Period:

Position: PI

Title: "Design of Adaptive Feedback E-Learning Scheme for Elementary Math in Kuwait."

Source: Kuwait University (External Institutions Project)

Number: PR1718QI01

Funds:

Period:

Position: PI

Title: "Using Value Methodology for Deployment of Scrap Tires to Fight Desertification in Kuwait and Ration Water"

Source: Kuwait University (External Institutions Project)

Number: 2013150101

Funds:

Period:

Position: PI

Title: "Enhanced Arabic Latent Semantic Indexing (LSI) for Search Engines"

Source: Kuwait University

Number: EO03/18

Funds:

Period:

Position: PI

Title: "Toward Enhanced Arabic Speech Recognition Systems"

Source: Kuwait University

Number: EO06/12

Funds:

Period:

Position: PI

Title: "Cross layer Secure and resource aware routing protocol and intrusion detection for Wireless Mesh Networks"

Source: Kuwait University

Number: EO05/11

Funds:

Period:

Position: PI

Title: "Automatic Multi-Level Categorization of Arabic Text Documents"

Source: Kuwait University (External Institutions Project)

Number: P11418EO01

Funds:

Period:

Position: PI

Title: "Online Reliability and Applicability Evaluation of Plant Health Index (PHI) Solution for Refinery Processes"

Source: Kuwait University

Number: XP01/13

Funds:

Period:

Position: PI

Title: "Online Reliability and Applicability Evaluation of Plant Health Index (PHI) Solution for Petrochemical Industry"

Source: Kuwait University

Number: XP02/13

Funds:

Period:

Position: PI

Title: “New Better Heuristics for Two-Stage Computer Industry Assembly Flowshop Scheduling Problem”

Source: Kuwait University

Number: EO 02/10

Fund: 2500 KD

Period: 27-9-2010 to 26-9-2011

Position: PI

Title: “New Weighted-Multi-Skill Model for Software Project Scheduling”

Source: Kuwait University

Number: EO 01/07

Fund: 6800 KD

Period: 10-9-2008 to 9-12-2010

Position: PI

Title: “Query Scheduling Optimization on Distributed Databases Systems Including Setup Time”

Source: Kuwait University

Number: EO 06/06

Fund: 2000 KD

Period: 1-7-2007 to 30-6-2008

Position: PI

Title: “Developing Statistical Properties and Markov Chains for Arabic Language Diacritized Names”

Source: Kuwait University, *First Priority Research awarded in KU*

Number: RE01/06

Fund: 2000 KD

Period: 26-8-2006 to 25-8-2007

Position: PI

Title: “Optimization on Permutation for Assignments and Tours in Computer Graph Theory”

Source: Kuwait University

Number: EO02/05

Fund: 2000 KD

Period: 20-8-2005 to 19-8-2006

Position: PI

Title: “Scheduling Work and Rework Process on the Same Computer Facility”

Source: Kuwait University

Number: EO03/05

Fund: 2000 KD

Period: 8-6-2005 to 7-6-2006 Position: PI

Title: “Scheduling Queries on Two -Stage Distributed Database System”

Source: Kuwait University

Number: EO06/02
Funds: 2000 KD
Period: 15-12-2003 to 14-12-2004
Position: PI

Title: "Scheduling Precedence Related Requests on Multiple Servers"
Source: Kuwait University
Number: EO05/02
Funds: 2000 KD
Period: 1-4-2003 to 31-3-2004
Position: PI

Title: "Minimizing Variance in Response Time for Multimedia Object Requests"
Source: Kuwait University
Number: EE01/01
Fund: 2000 KD
Period: 1-9-2001 to 31-8-2002
Position: PI

Title: "A Stochastic Model for Automatic Diacritics Generation of Arabic Texts for Name Transliteration Application"
Source: Kuwait University
Number: EE06/00
Funds: 2000 KD
Period: 4-1-2001 to 31-3-2002
Position: PI

Title: "Classification and Consistency of Behavior in Complex Object Design Views for Concurrent Engineering Environment"
Source: Kuwait University
Number: EPE082
Funds: 2000 KD
Period: 1-1-1997 to 31-12-1997
Position: PI

Title: "Two-Stage Assembly Flowshop Scheduling Problem with Multicriteria"
Source: Kuwait University
Number: EI02/05
Funds: 2000 KD
Period: 1-1-2005 to 31-12-2005
Position: CoI

Title: "Design of a Self- stabilizing algorithm for Multi- token rings"
Source: Kuwait University
Number: EE08/00
Funds: 5000 KD
Period: 1-1-2000 to 31-12-2000

Position: CoI

Short Courses

- Certified CISCO CCNA Instructor, 14-21/8/2006, Kuwait (Participant)
- How to Develop Your Teamwork Skills Using Toolkits (OCCD), Holiday Inn, 5-9/3/2005 (Instructor)
- Disaster Recovery Planning in IT Environment (OCCD), Holiday Inn, 5/9/2/2005 (Instructor)
- Applying Value Engineering Concepts and Techniques in Project Management, Office of Consultations and Career Development (OCCD), Holiday Inn, Mar. 31-Apr. 4, 2003 (Instructor)
- Measurement and Evaluation Workshop, Office of Evaluation and Assessment, Kuwait University, 16-5-2001, (Participant)
- Database and Internet Connectivity, Office of Consultations and Career Development (OCCD), Holiday Inn, Mar. 31-Apr. 4, 2001 (Instructor)
- C Language, Office of Consultations and Career Development (OCCD), Holiday Inn, Feb 18-21, 2001 (Instructor)
- Software Engineering, Office of Consultations and Career Development (OCCD), Holiday Inn, Nov 20-24, 1997 (Instructor)

4. Professional Membership and Registration

- Global Education Provider of Project Management Certified Training, PMI Institute, 2010-current.
- Certified Higher Education Assessor, MHE, Kuwait.
- Certified CISCO LMC of Kuwait Regional Cisco Academy, Since 2006.
- Certified CISCO ITE & CCNA Instructor, 14-21/8/2006
- Associate Value Engineering Specialist, SAVE-International Society USA, 2004-present.
- Certified Value Engineering Trainer for MOD-I and MOD-II, 2006, 2008, respectively.
- Approved Value Engineering AVS exam Proctor, 2006.
- Approved British Safety Council Certification Exam Proctor, 2007.
- Registered Consultant Engineer in Center of Professional Engineers, Kuwait Society of Engineers, 2002-present.
- Audit Language Command-Educational Partner-2002.
- Accredited and Registered Arbitrator and Expert, Center of Commercial Arbitration, Kuwait Chamber of Commerce, since 2002 □ Kuwait Engineers Society since 1996.
- Kuwait Information Technology Society, KITS, (previously know as Kuwait Computer Society, KCS) since 1996

- Certified and Registered Computer Engineering Expert, Ministry of Justice, Center of Arbitration 1995 - present
- GCC Arbitration Center at Bahrain 1995 - present.
- ACM member since 1993.
- IEEE member since 1993.

5. Other Activities

A. Reviewer and Referee for the following:

- Journals:
 - IEEE Transactions on Evolutionary Computation
 - European Journal of Operational Research
 - International Journal of Computing and Information Sciences
 - Journal of The Operational Research Society (JORS)
 - International Journal of Management Science and Engineering Management.
 - Journal Information Sciences
 - Asia-Pacific Journal of Operational Research
 - Journal Advances in Engineering Software
 - International Journal of Computer Applications in Technology.
 - The Special Issue on Arabic Natural Language Processing (ANLP), ACM
 - Transactions on Asian Language Information Processing (TALIP), 2009
 - Journal of Computers & Operations Research
 - Journal of Computers & Industrial Engineering
 - Kuwait Journal of Science and Engineering
 - International Journal of Management Science and Engineering Management
 - KSA Science Journal, KSA
 - Journal of King Abdulaziz University/Engineering Science
 - Journal of Computer and Software Engineering (Special Issue on Parallel Algorithms and Architecture), Publication Date January 1995.
- Conferences:
 - The 2011 International Conference on Data Engineering and Internet Technology (DEIT 2011), 15-17 March 2011, Bali, Indonesia.
 - First Kuwait Conference on E-Systems & E-Services, Nov 17-10, 2009.
 - Eleventh International Workshop on Project Management and Scheduling, Istanbul, Turkey, April 28-30, 2008.
 - The 5th Symposium on Intelligent Manufacturing Systems, Agents and Virtual Worlds, May 29-31, 2006, Sakarya, Turkey.

- Ninth International Workshop on Project Management and Scheduling, Proceedings of PMS-2004, Nancy, France, April 26-28, 2004, Pages 323-326, April 2004.
- G.C.C. Engineering Forum 5, Riyadh, Saudi Arabia, January, 2001.
- The 26th International Conference on Very Large Databases (VLDB2000), Cairo, Egypt, 10-14 Sept. 2000.
- Committee member and referee of The Fifth International Conference on Data and Knowledge Systems for Manufacturing and Engineering (DKSME'96), Phoenix, Arizona on October 24-25, 1996.
- Awards:
 - Middle East Information Technology Award Referee, Organized by DATAMAX Group, United Arab Emirates, Dubai 24-26 March 1997.
 - Reviewer and Committee Member of Sheikh Salem Al-Ali Al-Sabah Internet Award, 2006-current.
- Reviewer of Research Funding for:
 - Kuwait University Research Administration, Project Funding
 - The Emirates Foundation for Philanthropy
 - ASTF, UAE
 - KFAS, Kuwait
 - FWO, Belgium
- Reviewer of Promotion Cases for:
 - PAAET, multiple promotion cases, Kuwait
 - Mutah University, multiple promotion cases, Jordan
 - Amman Al-Ahliyah University, multiple promotions cases, Jordan

B. Conference/Workshop Committee Membership:

- Co-Chairman, The Second International Conference on Computing Sciences and Engineering (ICCSE 2018), Kuwait, March 11-13, 2018.
- Chairman of International Conference on Computing Sciences and Engineering (ICCSE 2015) Kuwait, March 15-17, 2015.
- Co-Chairman of Kuwait Second e-Services and Systems e-Conference, 5-7 April, 2011.
- Member of Scientific Committee, Kuwait First e-System and e-Services Conference, 17-19 November 2009.
- Conference Chair of the International Conference on Technology, Communication and Education (i-TCE) 2008, Kuwait, sponsored by IEEE Education Society and IEEE Gulf Education Society Chapter, organized by Computer Engineering Department, Kuwait University (KU), Gulf University for Science and Technology (GUST), and Regional Center for Development of Educational Software (ReDSOFT).
- Chairman of Organizing Committee of Professional Engineers and Training Exhibition, Originated by College of Engineering and Petroleum, Kuwait University, Movenpick, Kuwait, April 2007.

- International Program Committee Member of the 5th Symposium on Intelligent Manufacturing Systems, Agents and Virtual Worlds, May 29-31, 2006, Sakarya, Turkey.
- Conference Chairman of the Second Conference of Successful Engineering Practices, Kuwait, February 2004.
- Conference Chairman of the First Conference of Successful Engineering Practices, Beirut, Lebanon, March 2003.
- Scientific Chair of 7th GCC Engineering Forum, Toward More Uniform Engineering Standards, to be held in Kuwait 18-20 September 2003.
- Geographic Area Chair of the 26th International Conference on Very Large Databases (VLDB2000), held in Cairo 10-14 Sept. '2000
- Committee member of Kuwait Ministry of Justice Conference on Commercial Arbitration, April 25, 1997.

6. Technical Committee Membership:

- Member of Minister of Higher Education Accreditation Committee, Ministry of Higher Education, 2009- present.
- Chairman of Utilization of Training and Adult Education Committee, Private University Council, Ministry of Higher Education, 2010- present
- Member of Engineering Academic Council, Kuwait Society of Engineers, 2005- present.
- Member of Accreditation Committee, Private University Council, Ministry of Higher Education, 2002-present.
- Member of Technical Committee, Private University Council, Ministry of Higher Education, 2007- present.
- Team Lead for Institutional Accreditation for Gulf University for Science and Technology (GUST), Private University Council, Kuwait, 2006-2007.
- Team Lead for Site Visit Accreditation for American College of Middle East (ACM), Private University Council, Kuwait, 2006-2007.
- Team Lead for Annual Report Evaluation for American College of Middle East (ACM), Private University Council, Kuwait, 2010.
- Team Lead for Annual Report Evaluation for American College of Box Hill, Private University Council, Kuwait, 2008.
- Team Member for Master/Details Plan of Campus Evaluation for Australian College of Kuwait (ACK), Private University Council, Kuwait, 2007.
- Team Member for Master/Details Plan and Site Visit of Campus Evaluation for Kuwait International College of Law (KILAW), Private University Council, Kuwait, 2010.
- Member in the Committee of Knowledge-Based Industry for Public Authority of Industry, 2001/2002.
- Member in The Committee of Value Engineering – Society of Kuwait Engineers, 2001 – present.
- Director of the Internet Group at Kuwait Information Technology Society, KITS, 1999-2001.

- Member in Engineering Diploma Equivalency Consultation Committee for Ministry of Higher Education, 1999 – 2000.
- Member in Committee of Engineering Accreditation – Society of Kuwait Engineers, 1995 – present.

7. Board of Trustees Membership and Ownership

- Member of Board of Trustees Member of Al Saqar Training Center, Kuwait Chamber of Commerce and Industries, 2010-current.
- Member of Board of Trustees Member of Kuwait Chamber of Consultants, 2004-current.
- Member of Board of Trustees Member of Institute of National Career Development, 2004-current.
- Member of Board of Trustees of Kuwaiti Malaysian Investment Company, Capital US\$100M, 2002 – 2005.

8. Professional Consultation Activities

- Team Leader and Consultant for projects with an accumulated budget of more than 4M KD in the period of 2004-2008 (Non-disclosed Private List of Projects).
- Consultancy Engineering Services for Review and Auditing the Current Environmental Studies Made for HH Sheikh Jaber Al Ahmed Al Sabah Causeway Project EIA and Environmental Baseline Study Review Using Value Engineering Methodology (Estimated Project Size US\$4.0B), 2008.
- Introduced Value Engineering Applications Senior course in College of Engineering and Petroleum, Kuwait University, with Association with Lawrence Miles Value Foundation (MVF), since 2006.
- Public Authority of Applied Education and Training: Economic Analysis of Cost per Student, 2009.
- Strategic Plan for Kuwait National Assembly, IT sector, 2008-2010.
- Strategic Plan for Chamber of Ministers, Central Tendering Committee, IT sector, 2008-2009.
- Market Analysis of Higher Education Demand, KPMG, as per Private Universities Council Requirements – Kuwait; Technical, Educational, Market and Economic Analysis, 2006.
- Air Quality Analysis of Residential Areas in Kuwait, Public Authority of Environment – Kuwait, 2007.
- Electronic Linkage of IT System of Ministry of Electricity and Water and Kuwait Municipality, 2009-2010.
- Career Design, Training, and employment of Kuwaiti Nationals in Private Sector, Manpower Restructuring and Executive Program, 2008.
- Portal Design and Implementation of Ministry of Electricity and Water, 2010.
- Kuwait University-Higher Council of Planning, Development Plan Web-based Electronic Tracking/Monitoring System for KU Projects, 2010.
- Kuwait University Standardization of WebPages, 2007.
- Al-Dar Holding Company Decision Support and Management Information System Sector Strategic Plan, 2005.

- Ministry of Interior, Traffic Department, Specification of Adaptive Traffic Control System, 2009.
- Ministry of Defense, Audit and Review of Information Administration Systems, 2009.
- Ministry of Education, Strategic Plan for Introducing E-Learning System, 2008.

9. Research Publications

a. Refereed Published Journal Papers

1. Mohammed N. Alenezi and Fawaz S. Al-Anzi, "A Study of Z-Transform Based Encryption Algorithm," *International Journal of Communication Networks and Information Security (IJCNIS)*, Volume 13, Issue 2, pp 302-309, ISSN 2073-607X, August 2021
2. Haneen Alabdulrazzaq, Mohammed N. Alenezi, Yasmeeen Rawajfih, Bareeq A. Alghannam, Abeer A. Al-Hassan and Fawaz S. Al-Anzi, "On the accuracy of ARIMA based prediction of COVID-19 spread," *Results in Physics*, Volume 27, 104509, ISSN 2211-3797, <https://doi.org/10.1016/j.rinp.2021.104509>, 2021.
3. Fawaz S. Al-Anzi and Dia AbuZeina, "Synopsis on Arabic speech recognition," *Ain Shams Engineering Journal*, 2021, ISSN 2090-4479, <https://doi.org/10.1016/j.asej.2021.06.020>.
4. Mohammed N. Alenezi, Fawaz S. Al-Anzi, Haneen Alabdulrazzaq, Ammar Alhusaini and Abdullah F. Al-Anzi, "A study on the efficiency of the estimation models of COVID-19," *Results Phys.* 2021 Jul;26:104370. doi: 10.1016/j.rinp.2021.104370. Epub 2021 Jun 11. PMID: 34131557; PMCID: PMC8192278.
5. Mohammed N. Alenezi, Fawaz S. Al-Anzi and Haneen Alabdulrazzaq, "Building a sensible SIR estimation model for COVID-19 outspread in Kuwait," *Alexandria Engineering Journal*, Volume 60, Issue 3, 3161-3175, 2021.
6. Fawaz S. Al-Anzi and Dia AbuZeina, "Enhanced Latent Semantic Indexing Using Cosine Similarity Measures for Medical Application," *International Arab Journal of Information Technology*, Volume 17, Issue 5, 742-749, 2020.
7. Fawaz S. Al-Anzi and Dia AbuZeina, "Performance evaluation of Sphinx and htk speech recognizers for spoken Arabic language," *International Journal of Innovative Computing*, Volume 15, Issue 3, Pages 1, 2019.
8. Fawaz S. Al-Anzi and Dia AbuZeina, "Employing Fisher Discriminant Analysis for Arabic Text Classification," *Computers and Electrical Engineering*, Volume 66, Pages 474-486, 2018.
9. Fawaz S. Al-Anzi and Dia AbuZeina, "Beyond vector space model for hierarchical Arabic text classification: A Markov chain approach," *Information Processing & Management*, Volume 54, Issue 1, Pages 105-115, 2018.
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