Dr. Mohammed Al-Shargabi

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PERSONAL STATEMENT:

Good academic record that allow achieving best student award and alumni award at Ph.D. graduation. Ability to contribute in the academic work, applied research, administrative tasks, and quality assurance environment using innovation, cooperation, and self-development. Good communication skills allows for contributing to the society. Flexible nature allows for innovation and respect for the opinions of others. My aim is to work in a challenging, constantly evolving, team-based environment that enables personal development and progression.
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EDUCATION AND QUALIFICATION :

Doctor of Philosophy in Computer Networks, University Tecnology Malaysia, Malaysia (2011)

Master in Information Technology , Multimedia University, Malaysia (2008)

WORK EXPERIENCES :

September 2016	Present	**Head of** Development and Quality Unit, College of Computer Sciences and Information Systems	Najran University
September 2014	Present	**Coordinator of college for academic affairs,** College of Computer Sciences and Information Systems	Najran University
September 2012	September 2016	**Head of** Department of Information Systems , College of Computer Sciences and Information Systems	Najran University
December 2012	December 2014	**Coordinator of Quality Assurance,** Department of Information Systems , College of Computer Sciences and Information Systems	Najran University
April 2012	Present	**Assistant Professor,** College of Computer Science and Information Systems.	Najran University
October 2011	March 2012	**Senior Lecturer**, Faculty of Computer Sciences and Information Systems.	University Technology Malaysia
July 2009	June 2011	**Teaching Assistant**, Faculty of Computer Sciences and Information Systems.	University Technology Malaysia
December 2008	June 2009	**Lecturer**, Faculty of Computer Sciences and Information Systems.	Sana'a University
February 2009	June 2009	**Lecturer**, Faculty of Sciences. Department of Computer Science.	Sana'a University
February 2009	June 2009	**Lecturer**, Faculty of Education, Art, and Science – Mareb. Department of Computer Science.	Sana'a University
December 2008	June 2009	**Lecturer**, Faculty of Computer Sciences and Information Systems.	Yemen- Jordon University
November 2007	November 2008	**Lecturer**, Faculty of Information Sciences and Engineering.	Management and Science University
July 2003	September 2004	**Tutor,** Department of Computer Science.	Sana'a Community College

TAUGHT COURSES:

Data Communication and Computer Networks., Network Adminstartion, Prallal and distrbutaed Systems, Computer Security.

PROFESSIONAL SKILLS:

- Key Performance Indicator Associate certified , April 2017, george washington university USA.
- ABET IDEAL Scholar, ABET Augest 2016, Baltimore USA.
- NCAAA External Revewers workshop, NCAAA, KSA, 2017.
- Prepare and Conduct of three-day workshop "Workshop on Program Learning Outcomes Assessment" at Najran Univesty, Najran, October. 2018.
- Prepare and Conduct of one-day workshop "Preparation of Program Self-Study Report (PSSR) According to NCAAA" at Najran Univesty, Najran, October. 2018.
- Prepare and Conduct of one-day workshop "Higer Education KPIs" at Najran Univesty, Najran, October. 2018.
- Prepare and Conduct of one-day workshop "Building Academic Programs Workshop according to ABET Quality Standard" at Univesty of Malayai, Malalysia, Augest. 2018.
- Prepare and Conduct of 10-days workshop "Preparing College of Engineering for ABET Accreditation " at Hadramout Univesty, Yemen, July. 2018.
- Prepare and Conduct of Two-days workshop "Development of Qulity System for Outcom Based Acadmic programs" at Univesty of Medical Sciences and Technology, Khartoum, Sudan, July. 2017
- External Examiner of Computer Science program at Univesty of Medical Sciences and Technology, Khartoum, Sudan, July. 2017.
- Prepare and Conduct of one-day workshop "Building Academic Programs Workshop according to ABET Quality Standard" at North Boarder University, KSA, March. 2017.
- Prepare and Conduct of Two-days workshop "Development of Outcome Based Education Program using ABET and NCAAA Standards" at Department of Computer Science, Bish University, Bish, KSA, December, 2016.
- Prepare and Conduct of seven Online workshop in the following links .
- Prepare and Conduct of Two-days workshop "Quality of E-Learning Courses" at Deanship of Development and Quality, Najran University, Najran, KSA, December 2016.
- Prepare and Conduct of Two-days workshop "Development of Outcome Based Education Program " Najran University, Najran, KSA, September 2016.
- External Examiner of Computer Science program at Univesty of Medical Sciences and Technology, Khartoum, Sudan, July. 2016.
- Prepare and Conduct of full-day workshop "Quality Assurance and ABET Accreditation for Outcome-Based Education (OBE)" at College of Computer Science and Engineering, the International University of Africa, Khartoum, Sudan, Feb. 2016.
- Presenter and Best Paper Award in the The International Arab Conference on Quality Assurance in Higher Education (IACQA' 2016), Sudan.
- Presenter in the ABET Symposium April 2015, USA.
- Presenter in the ABET Symposium April 2014, Pittsburgh, USA.
- Awarded Certificate ABET Advanced Program Assessment Workshop, Pittsburgh, USA, April 2014
- Awarded Certificate ABET Meeting ABET Outcomes in the Curriculum with Community-Driven Design Workshop, Pittsburgh, USA, April 2014.
- Prepare of Two-days workshop "Quality Assurance and ABET Consultant" at College of Engineering (COE), Al-Ain University, Ain, Abu Dhabi, United Arab Emirates (UAE), May 2014.
- 6 − 7 April 2013, Collecting evidence and key performance indicators and benchmarks, training program, Deanship of Development and Quality, Najran University.

- 12 – 13 March 2013, Quality assurance and program assessment, training program, The National Commission for Academic Accreditation & Assessment. Saudia Arabia.
- 26 – 27 Februry 2013, Quality assurance and instutuational assessment, training program, The National Commission for Academic Accreditation & Assessment. Saudia Arabia.
- 19- 20 November 2012, Quality Standards in the Institutional Context, training program, Deanship of Development and Quality, Najran University.
- 12- 13 November 2012, Writing Competitive Research Projects, training program, Deanship of Development and Quality, Najran University.
- 2 October 2012, Recent Trends in Teaching, training program, Deanship of Development and Quality, Najran University.
- 12- 13 June 2012, Program Continuous Improvement Workshop- ABET Accreditation, College of Computer Sciences and Information Systems, Najran University

PUBLICATIONS:

- Mohammed Al-Shargabi , Shah Masud, Ahmad Taleb, Ghasan Ahmed, " MultiAssessment Methods for Better Program Improvement ", The international Conference for Education Evluation, Ryidh, Saudi Arabia, December 2018.
- Mohammed Al-Shargabi , Mohammed Akram, Ahmad Taleb, Shah Masud, "A systemitc Model for proprtizing NCAAA Practices ", The 3st National Computing Colleges Conference (NC3 2013), King Khaled University, Abha, Saudi Arabia, October 2018.
- Mohammed Al-Shargabi "The Role of the Academic Community in Achieving the National Transformation Program 2020 to Reach the Knowledge Society and Achieve the Vision of Saudi Arabia 2030" Fifth Community Partnership Forum in Scientific Research (Integrative roles of community institutions to achieve the vision of the Kingdom 2030), Ryidh Septmber 2017.
- Ahmad Taleb, Shah Masud, Mohammed Al-Shargabi "Developing a Quality Assurance System using NCAAA and ABET Accreditation Standards", The 1st National Computing Colleges Conference (NC3 2016), King Abdul Aziz University, Jeddah, Saudi Arabia, February 2016.
- Ahmad Taleb, Mohammed Al-Shargabi, Nasser Taleb "Multi-Direct Assessment Methods for Better Program Improvement", The Sixth International Arab Conference on Quality Assurance in Higher Education, 2016 (IACQA' 2016), Sudan University of Science and Technology, Sudan, February 9-11, 2016 (Best Paper Award).
- Ahmad Taleb, Mohammed Al-Shargabi "The Quickest Way to Qualify for Initial ABET Accreditation", ABET Annual Symposium, Atlanta, Georgia, USA, April 2015.
- Ahmad Taleb, Mohammed Al-Shargabi "Building a Sustainable Continuous Quality Improvement Framework", ABET Annual Symposium, Atlanta, Georgia, USA, April 2015.
- Ahmad Taleb, Mohammed Al-Shargabi, "Developing and Implementing a Sustainable Continuous Quality Improvement Framework", ABET annual Symposium, Pittsburgh, USA, April 2014.
- A Rajab, CT Huang, M Al-Shargabi, (2018) Decision tree rule learning approach to counter burst header packet flooding attack in Optical Burst Switching network, Optical Switching and Networking, 29, 15-26. (Impact Factor: 1.113)
- Rajab, A., Huang, C. T., Al-Shargabi, M., & Cobb, J. (2016, November). Countering Burst Header Packet Flooding Attack in Optical Burst Switching Network. In International Conference on Information Security Practice and Experience (pp. 315-329). Springer International Publishing.
- Al-Shargabi, M. A., Shaikh, A., & Ismail, A. S. (2016). Enhancing the Quality of Service for Real Time Traffic over Optical Burst Switching (OBS) Networks with Ensuring the Fairness for Other Traffics. PloS one, 11(9), e0161873. (Impact Factor 3.057)
- Al-Shargabi, M., Saeed, F., Shamsan, Z., Ismail, A. S., and Idrus, S. M. (2015). Improving the Optical Burst Switching Networks Quality of Service by Ensuring the Fireness among the Network Traffic Types. Jurnal Teknologi, 73(2). (Scopus Indexed)

- Al-Shargabi, M., Saeed, F., Ismail, A. S., and Idrus, S. M. (2015). An Enhanced Burst Assembly with Constant Bit Rate Traffic Delay Requirements over Optical Burst Switching Networks. International Journal of Information and Communication Technology. (Scopus Indexed)
- Al-Shargabi, M., Shamsan, Z., Ismail, A. Idrus, S. M., Saeed, F., (2014) " An Enhanced Burst Assembly with Constant Bit Rate Traffic Delay Requirements over Optical Burst Switching Networks" In proceeding of International Conference of Recent Trends in Information and Communication Technologies 2014 (IRICT 2014), Johor, Malaysia. pp 228 - 236.
- Al-Shargabi, M., Shamsan, Z., Ismail, A., Idrus, S. M., Saeed, F., (2014) "Ensuring the Fairness among the Network Traffic Types over Optical Burst Switching Networks" In proceeding of International Conference of Recent Trends in Information and Communication Technologies 2014 (IRICT 2014), Johor, Malaysia. pp 221 – 227.
- Mohammed Al-Shargabi, Abdul Samad Ismail, and Sevia M. Idrus, A Feature Comparative Study of Real-Time Traffic Simulation Over OBS Network, International Journal of Computer Applications (IJCA), v21 n4, May 2011, p13-16.
- Mohammed Al-Shargabi, Abdul Samad Ismail, and Sevia M. Idrus, Internet Compress Traffic: A solution for the Explosion of the Internet, International Journal of Computer Applications (IJCA), v21 n6, May 2011, p12-15.
- M. A. Farabi, S. M. Idrus, S. N. Fariza, Nadiatulhuda Zulkifli, M. A. AlShargabi, A Comparison of Path Protections with Availability Concern in WDM Core Network, International Journal of Computer Applications (IJCA), v24 n4, June 2011.
- Mohammed Al-Shargabi, Abdul Samad Ismail, Sevia M. Idrus, and Mohammed Almansory, The Impact of TAG Protocol and TAW Protocol on the Packets Delay over OBS Network, Jurnal Teknologi Special Edition – (Optoelectronics & Optical Communication) 55 Mei 2011: 189–199. Research Papers
- AbdulSalam Yayah, Abdul Samad Ismail, Mohammed Al-Shargabi, and Sevia M. Idrus, Comparative Study of Offset Time Schemes over Optical Burst Switching (OBS), Jurnal Teknologi Special Edition – (Optoelectronics & Optical Communication) 55 Mei 2011: 67–76.
- Mohammed Al-Shargabi, Abdul Samad Ismail, and Sevia M. Idrus, Comparative Study of OBS Network Simulators to Simulate Real-Time Traffic, IEEE International Conference on Antennas, Propagation and Systems (INAS 2009), 3-5 Dec. 2009, Johor, Malaysia. (IEEE International Conference).
- Mohammed Al-Shargabi, Abdul Samad Ismail , Utilizing optical burst switching networks for the Internet Real-Time Traffic, Fifth International Symposium on High Capacity Optical Networks & Enabling Technologies (HONET '08), IEEE-Computer Society, Penang, Malaysia, 18 - 20 November 2008 (invited paper). (IEEE International Conference)
- Mohammed Al-Shargabi, Abdul Samad Ismail, and Sevia M. Idrus, Fulfilling the Requirements of Real Time Traffic Delay over Optical Burst Switching (OBS) Networks. PARS 2010, 21-25 June. 2010, Johor, Malaysia.
- Abdulsalam Abdullah Yayah, Abdul Samad Ismail, Mohammed AlShargabi, Improving End-To-End Delay of Constant-Bit-Rate Traffic in Optical-Burst-Switching Networks Through Enhancing Burst-Assembly and Offset-Time Scheme, International Journal of Computing Communication and Networking Research, Vol 1, No 1, 2012.
- Mohammed Al-Shargabi, A. Abid, The Impact of OBS Burst Aggregation on VBR Performance. Telecommunications and Malaysia International Conference on Communications, 2007. ICT-MICC 2007. IEEE International Conference on 14-17 May 2007, Malaysia.
- Mohammed Al-Shargabi., Mellah, H., & Abid, A. (2008). Analytical model of a burst assembly algorithm for the VBR in the OBS networks. Science International (Lahore), 20(4), 245-248.

HONORS/AWARDS:

Awards			
Title	**Type/Nature**	**Institution Name**	**Date**
Best Postgraduate Student Award	Ph.D. Convocation	Universiti Teknologi Malaysia, Malaysia.	2011
Alumni Award	Ph.D. Convocation	Universiti Teknologi Malaysia, Malaysia.	2011
Academic Excellence Award	International Student Center	Universiti Teknologi Malaysia, Malaysia.	2011
Microsoft Best Paper Award	PARS 2010	Universiti Teknologi Malaysia, Malaysia.	2010

PROFESSIONAL MEMBERSHIPS:

IEEE Memer

ABET Member