



السيرة الذاتية للدكتور / محمد عبداللطيف الشرجي

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ABET IDEAL Scholar

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تاريخ اخر تحديث: يوليو 2023 - July 2023

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- حاصل على شهادة الدكتوراه في علوم حاسب (2011م) من الجامعة التكنولوجية الماليزية (UTM) – مملكة ماليزيا مع الحصول على الجوائز التالية في حفل التخرج:
 - جائزة التفوق كأفضل طالب دكتوراه علوم حاسب
 - جائزة التفوق كأفضل خريج على مستوى الجامعة.
- حاصل على شهادة ABET IDEAL Scholar خبير في قياس وقيادة المؤسسات التعليمية من مجلس الاعتماد الأكاديمي للهندسة والتكنولوجيا ابيت ABET في الولايات المتحدة الامريكية عام 2016م.
- حاصل على شهادة EQA خبير الاعتماد الخارجي من مجلس الاعتماد البريطاني ABE عام 2019م.
- حاصل على شهادة KPIA الخاصة بقياس الأداء المؤسسي من جامعة جورج واشنطن في الولايات المتحدة الامريكية عام 2017م.
- حاصل على شهادة القياس المتقدم لجودة البرامج الاكاديمية من مجلس الاعتماد الأكاديمي للهندسة والتكنولوجيا ابيت ABET في الولايات المتحدة الامريكية عام 2014م.
- حاصل على شهادة تصميم البرامج الاكاديمية وفق متطلبات واحتياجات المجتمع من مجلس الاعتماد الأكاديمي للهندسة والتكنولوجيا ابيت ABET في الولايات المتحدة الامريكية عام 2014م.
- حاصل على شهادة مراجع اعتماد أكاديمي من المركز الوطني للتقويم والاعتماد الأكاديمي في المملكة العربية السعودية عام 2017م.
- حاصل على شهادة مراجع خارجي من المركز الوطني للتقويم والاعتماد الأكاديمي في المملكة العربية السعودية عام 2020م.
- حاصل على شهادة مراقب اعتماد من المركز الوطني لتقويم واعتماد التدريب في المملكة العربية السعودية عام 2020م.

- مستشار رئيس جامعة العلوم والتكنولوجيا للاعتماد الأكاديمي – الجمهورية اليمنية (سبتمبر 2022م – حتى الآن).
- مستشار مجلس الاعتماد الأكاديمي وضمان جودة التعليم العالي – الجمهورية اليمنية (يناير 2022م – حتى الآن).
- رئيس فريق الخبراء في مشروع اعداد الإطار الوطني للمؤهلات - الجمهورية اليمنية (يونيو 2023م – حتى الآن).
- خبير ومدرب مشروع تأهيل فرق المراجعين الوطنيين للاعتماد الأكاديمي – مجلس الاعتماد الأكاديمي وضمان جودة التعليم العالي – الجمهورية اليمنية (2022م - حتى الآن).
- عضو لجنة تطوير المعايير الوطنية للتعليم الالكتروني المدمج – مجلس الاعتماد الأكاديمي وضمان جودة التعليم العالي – الجمهورية اليمنية (ابريل 2023م - حتى الآن).
- عضو لجنة تطوير المحتوى المعياري الوطني لمحو الامية الرقمية – مجلس الاعتماد الأكاديمي وضمان جودة التعليم العالي – الجمهورية اليمنية (ابريل 2023م - حتى الآن).
- خبير مشروع تطوير المعايير الوطنية للاعتماد المؤسسي – مجلس الاعتماد الأكاديمي وضمان جودة التعليم العالي – الجمهورية اليمنية (2022م).
- خبير مشروع تطوير معايير الاعتماد البرامجي لبرامج الطب والجراحة (WFME) – مجلس الاعتماد الأكاديمي وضمان جودة التعليم العالي – الجمهورية اليمنية (2022م).
- عضو اللجنة الاشرافية العليا لتطوير المعايير المرجعية الاكاديمية الوطنية لبرامج الحوسبة (علوم الحاسب، تقنية المعلومات، نظم المعلومات، هندسة البرمجيات، الامن السيبراني، الذكاء الاصطناعي، علوم البيانات) – مجلس الاعتماد الأكاديمي وضمان جودة التعليم العالي – الجمهورية اليمنية (2022م).
- عضو لجنة تطوير نظام الجودة الداخلي لمجلس الاعتماد الأكاديمي وضمان جودة التعليم العالي – الجمهورية اليمنية (ابريل 2023م - حتى الآن).

- مستشار ضمان الجودة والاعتماد الخارجي في منطقة الشرق الأوسط وAsia لمنظمة ABE التعليمية البريطانية (مسؤول اعتماد عدد من الجهات التعليمية في السعودية، والكويت، وماليزيا، وتايلند، وباكستان) (فبراير 2019م – فبراير 2023م).
- مستشار وخبير تأهيل ما يفوق عن عشرون برنامج في كليات الهندسة والحوسبة لعدد من الجامعات الوطنية والإقليمية للحصول على الاعتماد الدولي من مجلس الاعتماد الدولي ABET.
- مستشار ضمان الجودة والاعتماد لعدد من الجهات التعليمية والتدريبية الوطنية والإقليمية.
- مراجع رأي مستقل لعدد من برامج كليات الحاسب وكليات الهندسة في عدد من الجامعات الوطنية والإقليمية للتقدم للاعتماد البرامجي.
- يمتلك خبرة تدريسية واسعة وفق أعلى معايير الجودة العالمية من خلال عمله كعضو هيئة تدريس (لما يقارب من 20 سنة) في سبع جامعات في كلاً من الجمهورية اليمنية، مملكة ماليزيا، المملكة العربية السعودية، والإمارات العربية المتحدة.
- لديه أكثر من 30 بحث علمي محكم (في مجال علوم الحاسب، ومجال تطوير أنظمة الجودة التعليمية).
- صمم وقدم عشرات الدورات التدريبية وورش العمل في عدة دول عربية واجنبية في مجال ضمان الجودة والاعتماد الأكاديمي وفق معايير ومتطلبات منظمات الاعتماد التالية (مجلس الاعتماد الأكاديمي وضمان جودة التعليم العالي – اليمن، مجلس الاعتماد الأكاديمي الدولي للهندسة والتكنولوجيا ابيت ABET - أمريكا، الفيدرالية العالمية للتعليم الطبي WFME، المركز الوطني للتقويم والاعتماد الأكاديمي - السعودية، المركز الوطني لتقويم واعتماد التدريب – السعودية، منظمة اعتماد المقررات الالكترونية QM).
- مدرب في المركز الوطني لتقويم واعتماد التدريب بهيئة تقويم التعليم والتدريب - السعودية.
- خبير في مشروع بناء معايير جودة التعلم الالكتروني في المركز الوطني لتقويم واعتماد التدريب بهيئة تقويم التعليم والتدريب بالمملكة العربية السعودية في عام 2019م.
- خبير في مشروع بناء معايير جودة واعتماد مؤسسات وبرامج المؤسسات التقنية والمهنية في المركز الوطني لتقويم واعتماد التدريب بهيئة تقويم التعليم والتدريب بالمملكة العربية السعودية في عام 2020م.

تحتوي السيرة الذاتية باللغة الإنجليزية ادناه على تفاصيل شاملة للسيرة الذاتية

Personal profile:

- PhD degree in Computer Science, University Technology Malaysia, with excellent academic record that allows achieving best student award and alumni award at PhD graduation ceremony.
- ABET IDEAL Scholar (Institute for the Development of Excellence in Assessment Leadership), Accreditation Board for Engineering and Technology, 2016, Baltimore USA.
- Key Performance Indicator Associate certified, April 2017, George Washington University USA.
- ABET Advanced Program Assessment certified, April 2014, Pittsburgh, USA.
- Meeting ABET Outcomes in the Curriculum with Community-Driven Design certified, April 2014, Pittsburgh, USA.
- ABE (UK) Consultant for External Quality Assurance and accreditation in the middle east and Asia.
- Consultant for the Council of Academic Accreditation and Quality Assurance for Higher Education in the Republic of Yemen.
- Member of institutional accreditation team, Education Evaluation Commission in KSA for Four educational institutions accreditation visits.
- NCAAA Accreditation reviewer certified
- Lead the teams for NCAAA / ABET Program accreditation.
- Works and provides consultation for many universities about ABET, NCAAA, Quality Matters QM, Yemeni academic accreditation and quality assurance council, and NCAAA.
- Consultant/ reviewer for some academic programs in Saudi Arabia, Sudan, and Yemen.
- Prepare and Conduct many workshops in education Quality systems and assessments.
- More than 20 years teaching experience at university level in different environments (Malaysia, Saudi Arabia, UAE and Yemen) gives me the ability to contribute in the academic work using the Outcome Based Education (OBE) paradigm.
- Design , deliver, and assess the learning resources and curriculum of innovative programs using innovation, cooperation, and self-development.
- Research experience allowed to receive certain research scholarships and funds with more than 30 research publications in the field of computer science and education quality.
- Technical Director of the "Automating the Assessment of Learning Outcomes of University Education" initiative within the Ministry of Education initiatives to achieve the National Transition Program 2020.
- Head of Development and Quality Unit and the coordinator of the academic affairs of the college to get ABET and NCAAA accreditation.
- Attend many trainings and workshops in education continuous improvements in USA and KSA.

Qualification:

2011

Ph.D. in Computer Science (Computer Networks, and Optical Networks), University Technology Malaysia, Malaysia.

2008

Master in Information Technology (Networking), Multimedia University, Malaysia.

Academic Experience:

From	To	Position	Institution Name	Country	Nature of work	Mode
Sep 2022	Present	Consultant	University of science and technology	Yemen	Teaching + Administration + Research	Full Time
Jan 2022	Present	Consultant	Council of Academic Accreditation and Quality Assurance for Higher Education	Yemen	Consultations , Training	Part Time
June 2021	June 2022	Adjunct Lecturer	UCSI University	Malaysia	Teaching	Part Time
Feb 2019	Feb 2023	Consultant for External Quality Assurance and accreditation	The Association of Business Executives (ABE)	UK	ABE freelancer for quality assurance and accreditation in middle east	Part Time

From	To	Position	Institution Name	Country	Nature of work	Mode
June 2019	February 2020	Accreditation reviewer and trainer	National Center For Training Evaluation And Accreditation, Education and Training Evaluation Commission	Saudi Arabia	Member of accreditation team (reviewer team) + Quality assurance Standards Reviewer + trainer	Part Time
February 2017	May 2021	Technical Manager, Automation of Academic Program Learning Outcome Assessment for Saudi Arabia Universities	Najran University with collaboration with Ministry of Education	Saudi Arabia	Administration + Research	Full Time
September 2016	September 2021	Head of Development and Quality Unit College of Computer Sciences and Information Systems	Najran University	Saudi Arabia	Teaching + Administration + Research	Full Time
September 2014	January 2017	Coordinator of college for academic affairs, College of Computer Sciences and Information Systems	Najran University	Saudi Arabia	Teaching + Administration + Research	Full Time
September 2012	September 2016	Head of Information Systems Department, College of Computer Sciences and Information Systems	Najran University	Saudi Arabia	Teaching + Administration + Research	Full Time
December 2012	September 2014	Coordinator of Quality Assurance, Department of Information Systems, College of Computer Sciences and Information Systems	Najran University	Saudi Arabia	Teaching + Administration + Research	Full Time
April 2012	Present	Assistant Professor, College of Computer Science and Information Systems.	Najran University	Saudi Arabia	Teaching + Administration + Research	Full Time
October 2011	March 2012	Senior Lecturer, Faculty of Computer Sciences and Information Systems.	University Technology Malaysia	Malaysia	Teaching + Administration + Research	Full time
July 2009	June 2011	Teaching Assistant, Faculty of Computer Sciences and Information Systems.	University Technology Malaysia	Malaysia	Teaching	Part Time

From	To	Position	Institution Name	Country	Nature of work	Mode
December 2008	June 2009	Lecturer, Faculty of Computer Sciences and Information Systems.	Sana'a University	Yemen	Teaching + Administration + Research	Full Time
February 2009	June 2009	Lecturer, Faculty of Sciences. Department of Computer Science.	Sana'a University	Yemen	Teaching	Part Time
February 2009	June 2009	Lecturer, Faculty of Education, Art, and Science – Mareb. Department of Computer Science.	Sana'a University	Yemen	Teaching	Part Time
December 2008	June 2009	Lecturer, Faculty of Computer Sciences and Information Systems.	Yemen-Jordan University	Yemen	Teaching	Part Time
November 2007	November 2008	Lecturer, Faculty of Information Sciences and Engineering.	Management and Science University	Malaysia	Teaching + Administration + Research	Full time
July 2003	September 2004	Tutor, Department of Computer Science.	Sana'a Community College	Yemen	Teaching + Administration	Full time

Quality Assurance Activities:

Institutional and Program Accreditation:

- Consultant for the Council of Academic Accreditation and Quality Assurance for Higher Education in the Republic of Yemen.
- Consultant for quality assurance and external accreditation in the Middle East and Asia for the ABE educational organization in UK (accreditation Consultant for a many of educational institutions in Saudi Arabia, Kuwait, Malaysia, Thailand and Pakistan for ABE).
- Consultant and expert in the project "qualifying the programs of the College of Engineering and Petroleum at the University of Hadhramaut to obtain program accreditation from the International Accreditation Council ABET", funded by the Hadhramout Foundation for Human Development.
- Expert in the project "developing institutional accreditation standards" - Council of Academic Accreditation and Quality Assurance for Higher Education - Republic of Yemen.
- Expert and trainer for teams of external auditors for program accreditation - Council of Academic Accreditation and Quality Assurance for Higher Education - Republic of Yemen.
- Consultant and reviewer for the College of Engineering programs at Jazan University to obtain program accreditation from the International Accreditation

Board ABET (visited in December 2021 and awaiting the result of accreditation in August 2022).

- Auality assurance and accreditation consultant for a many of educational and training institutions in the Republic of Yemen and the Kingdom of Saudi Arabia.
- Member of the Institutional Accreditation Review Team, National Center For Training Evaluation And Accreditation, Saudi Education Evaluation Commission, for Institutional Accreditation of Al Baha Technical College.
- Member of the Institutional Accreditation Review Team, National Center For Training Evaluation And Accreditation, Saudi Education Evaluation Commission, for Institutional Accreditation of Khamis Mushait Technical College.
- Member of the Institutional Accreditation Review Team, National Center For Training Evaluation And Accreditation, Saudi Education Evaluation Commission, for Institutional Accreditation of Jeddah Technical College.
- Member of the Institutional Accreditation Review Team, National Center For Training Evaluation And Accreditation, Saudi Education Evaluation Commission, for Institutional Accreditation of Communication and electronics College in Jeddah.
- Member of the Training Marqab, National Center For Training Evaluation And Accreditation, Saudi Education Evaluation Commission.
- Independent opinion for Management Information System program, Taibah university, program Accreditation.
- Technical support expert for the Accreditation of the Saudi Mining Technical Institute.
- Leader of the accreditation teams , NCAAA Accreditation, College of Computer Science and inforation Systems, Najran University, KSA
- Leader of the accreditation teams , ABET Accreditation, College of Computer Science and inforation Systems, Najran University, KSA.

Certificates And Workshops:

- Prepare and Conduct of One-day workshop “Modern approaches in academic programs design ” at Al- Naser University, Yemen, January. 2022.
- Prepare and Conduct of Five-days workshop “University strategic planning and Self assessments ” at Lebanese International University, Yemen, December. 2021.
- Prepare and Conduct of Two-days workshop “Preparing College of Engineering programs for ABET Accreditation ” at Emirates International University, Yemen, September. 2021.
- Prepare and Conduct of three-days workshop “Preparing College of Engineering for ABET Accreditation ” at Hadramout Univesty, Yemen, July. 2021.
- Prepare and Conduct of ten-days workshop on “impleminting the internal Qulity system for Hadramout Univesty ” for Hadramout Univesty, Makkula, june – july . 2021.
- Prepare and Conduct manu online workshops during April 2020 – December 2021.

- Prepare and Conduct one-day workshop on "Institutional Learning Outcomes Assessment" at Bisha Univesty, Bisha, Februray. 2020.
- Prepare and Conduct three-days workshop on " Institutional Learning Outcomes Assessment" Dubai, UAE, January 2020.
- Prepare and Conduct a seminar on " ABET continuous improvement framework" American university in Emirates, Dubai, UAE, January 2020.
- Prepare and Conduct three-days workshop on " Academic Program accreditation requirement " Dubai, UAE, December 2019.
- Prepare and Conduct a seminar on " • Learning Outcomes Assessment, a practical approaches" Jazan university, Jazan, KSA, November 2019.
- Prepare and Conduct Two-days workshop on "Integrating employability Skills in the academic and training programs" at National Center For Technical And Vocational Assessment And Accreditation, Saudi Education Evaluation Commission, Ryidh, Augest. 2019.
- Prepare and Conduct of Two-days workshop on "Quality System In Accreditation (Internal And External Quality Systems) " at National Center For Technical And Vocational Assessment And Accreditation, Saudi Education Evaluation Commission, Ryidh, June. 2019.
- Key Performance Indicator Associate certified , April 2017, george washington university USA.
- ABET IDEAL Scholar, ABET Augest 2016, Baltimore USA.
- NCAAA External Reviewers workshop, NCAAA, KSA, 2017.
- Main Consultaint to Bulid the internal Qulity system for Hadramout Univesty, March 2019, Yemen
- Prepare and Conduct of one-day workshop on "Building Continuous Quality Improvement framework in Academic Courses" at University of Business and Technology, Jeddah, May. 2019.
- Prepare and Conduct of Four-days workshop on "Bulid the internal Qulity system for Hadramout Univesty " for Hadramout Univesty Top management, Jeddah, March. 2019.
- Prepare and Conduct of three-day 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.
- ABET steering committee member, College of computer Science, Najran University since 2012.
- 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.
- 12- 13 June 2012, Program Continuous Improvement Workshop- ABET Accreditation, College of Computer Sciences and Information Systems, Najran University.

Research:

Research Funds:

2019, Optical Burst Switching (OBS) Networks Security, (Funded project, 50000\$) (Completed)

2015, Adaptive Burst Assembly Scheme for Ensuring the Fairness Among Internet Traffic Types Over Optical Burst Switching (OBS) Networks. (Funded project, 50000\$) (Completed)

Current Research:

Optical Burst Switching (OBS) Networks. Network Quality of Service (QoS), Network Security, Developing a Quality Assurance System for academic programs, Learning Outcomes Assessments.

Research Papers:

1. Laila A.Wahab Abdullah, Ibrahim Khider Eltahir, Mohammed Al-Shargabi, Adel Sallam Haider, (2021), Performance Analysis Comparison of Optical Burst Switching Networks' Contention Resolution Techniques: A Simulation Study, International Journal of Electrical and Computer Engineering (IJECE) (Accepted).
2. Mohammed Al-Shargabi, (2020) Impacts of burst assembly parameters on Optical Burst Switching network performance, International Journal of Emerging Trends in Engineering Research (IJETER).
3. Mohammed Al-Shargabi, (2020) Impacts of TAG and TAW Signaling Protocols on Packets Delay over OBS Networks, International Journal of Engineering Trends and Technology.
4. Mohammed Al-Shargabi, (2019) Smart Rubric-Based Systematic Model for Evaluating and Prioritizing Academic Practices to Enhance the Education Outcomes, International Journal of Advanced Computer Science and Applications.
5. Mohammed Al-Shargabi, (2019) An Integrated Decision Support Model For Enhancing The Continuous Improvement Of Academic Programs, Engineering, Technology & Applied Science Research.
6. Mohammed Al-Shargabi, (2019) Decision Support Approach for Enhancing Course Learning Outcomes Achievement and Accuracy of Continuous

- Improvement, International Journal of Advanced Trends in Computer Science and Engineering.
7. 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)
 8. 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.
 9. 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)
 10. 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)
 11. 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)
 12. 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.
 13. Ahmad Taleb, Mohammed Al-Shargabi, "Developing and Implementing a Sustainable Continuous Quality Improvement Framework", ABET annual Symposium, Pittsburgh, USA, April 2014.
 14. 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.
 15. 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.
 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.
 17. M. A. Farabi, S. M. Idrus, S. N. Fariza, Nadiatulhuda Zulkifli, M. A. Al-Shargabi, A Comparison of Path Protections with Availability Concern in WDM Core

- Network, International Journal of Computer Applications (IJCA), v24 n4, June 2011.
18. 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).
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 22. 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.
 23. 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.

Quality Assurance Publication:

24. Mohammed Al-Shargabi , Shah Masud, Ahmad Taleb, Ghasan Ahmed, " Multi-Assessment Methods for Better Program Improvement ", The international Conference for Education Evaluation, Ryidh, Saudi Arabia, December 2018.
25. Mohammed Al-Shargabi , Mohammed Akram, Ahmad Taleb, Shah Masud, "A systemtic Model for proprtizing NCAAA Practices ", The 3st National Computing Colleges Conference (NC3 2013), King Khaled University, Abha, Saudi Arabia, October 2018.
26. 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.
27. 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.

28. 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).
29. Ahmad Taleb, Mohammed Al-Shargabi "The Quickest Way to Qualify for Initial ABET Accreditation", ABET Annual Symposium, Atlanta, Georgia, USA, April 2015.
30. Ahmad Taleb, Mohammed Al-Shargabi "Building a Sustainable Continuous Quality Improvement Framework", ABET Annual Symposium, Atlanta, Georgia, USA, April 2015.
31. Ahmad Taleb, Mohammed Al-Shargabi, "Developing and Implementing a Sustainable Continuous Quality Improvement Framework", ABET annual Symposium, Pittsburgh, USA, April 2014.

Book Chapters:

32. Quality of Service Over Optical Burst Switching Networks”, Recent Development in Optical Communication and Networking, PTC, 2011.

Scientific Research Activities:

- Editor at International Journal of Computer Communications and Networks (IJCCN).
- Member of organizing committee , Fourth international conference of reliable information and communication technology.
- Member of organizing committee , 3rd international conference of reliable information and communication technology.
- Member of organizing committee , Second international conference of reliable information and communication technology.
- Member of organizing committee , 1st international conference of reliable information and communication technology.
- Research Assistant, Faculty of Computer Sciences and Information Systems, UTM, Malaysia, April 2010 up to May 2011.

Students Supervision:

- Laila A.Wahab Abdullah (PhD), Bahri University, Sudan, Co-Supervisor (in progress).

- Adel Rajeb (PhD), University Of South Carolina, USA, Co-Supervisor (Completed).
- Abdulsalam Yayah (Master), UTM, 2012 (Completed).
- Ola Sherfadden (Master), UTM, 2013 (Completed).
- Supervised more than 100 Bachelor students since 2008.

Academic Activities:

- 2015- 2021, Head of Curriculum Committee, Department of Information Systems, College of Computer Sciences and Information Systems, Najran University.
- 2012- 2021, Member of College Council, College of Computer Sciences and Information Systems, Najran University.
- 2012- 2021, Head of Department Council, Department of Information Systems, College of Computer Sciences and Information Systems, Najran University.
- 2012- 2021, Member of ABET Accreditation Steering Committee, College of Computer Sciences and Information Systems, Najran University.
- 2012- 2021, Member of Departmental Quality Steering Committee, Department of Information Systems, College of Computer Sciences and Information Systems, Najran University.
- 2012- 2015, Head of Program Student Committee, Department of Information Systems, College of Computer Sciences and Information Systems, Najran University.
- 2012- 2021, Member of Curriculum Committee, Department of Information Systems, College of Computer Sciences and Information Systems, Najran University.
- 2012- 2014, Coordinator of Public Relation Committee, Department of Information Systems, College of Computer Sciences and Information Systems, Najran University.
- 2012- 2014, Member of Study of the Requirements of the Labor Market and Society, Project, Najran University Projects, Najran University.
- 2012- 2014, Member of Adoption of Global Standards for All Academic Programs at the University, Project, Najran University Projects, Najran University.
- 2012- 2014, Member of Establishment of Alumni Unit for All Academic Units at the University Project, Najran University Projects, Najran University.

- 2012- 2014, Member of Establishment of Effective Itineraries to Communicate with Alumni and Employers Project, Najran University Projects, Najran University.
- 2012- 2014, Member of Design Questionnaires and Polls Suitable for Graduates and Employers Project, Najran University Projects, Najran University.

Community Contributions Activities:

- January 2020, Main Speaker, Program learning outcomes assessment methods, in Jazan University.
- April 2019, Main Speaker, Time Tables issues in Najran University.
- April 2013, Main Speaker, Annual meeting for computer science teacher, department of education, Najran, Saudia Arabia.
- December 2012, Main Speaker, Computer Security talk, Najran University, Najran, Saudia Arabia.
- 2010- 2011, President of Postgraduate Student Society (PGSS), Faculty of Computer Science and Information System, University Technology Malaysia (UTM), Malaysia.
- 2011, Executive Member of UTM Postgraduate Student Society (UTM-PGSS), University Technology Malaysia (UTM), Malaysia
- 21-23 June 2011, Program director of PCRG-PARS2011/ Faculty of Computer Science and Information System, University Technology Malaysia (UTM)
- 2010, Vice - Chairperson of Postgraduate Student Society (PGSS)/ Faculty of Computer Science and Information System, University Technology Malaysia (UTM), Malaysia.
- 2010, Committee member of PARS 2010, University Technology Malaysia (UTM), Malaysia.
- 2011, Academic advisor of the Yemeni Student Society-UTM (YSS-UTM).
- 6th April 2011, Program coordinator of the Exploiting Cross-Site Scripting (XSS) Vulnerability to Snatch Web Cookies seminar / Faculty of Computer

Science and Information System, University Technology Malaysia (UTM), Malaysia.

- 16th March 2011, Program coordinator of the Exploiting SQL-Injection Vulnerability to Gain Unauthorized Access Demonstration seminar / Faculty of Computer Science and Information System, University Technology Malaysia (UTM), Malaysia.
- 9th Feb. 2011, Program coordinator of the design of UTM network backbone infrastructure seminar / Faculty of Computer Science and Information System, University Technology Malaysia (UTM), Malaysia.
- 2nd Feb. 2011, Program coordinator of how to design a mathematical model seminar / Faculty of Computer Science and Information System, University Technology Malaysia (UTM), Malaysia.
- January 2011, Program coordinator of the tutorial on creating your own web page on the faculty website seminar / Faculty of Computer Science and Information System, University Technology Malaysia (UTM), Malaysia.
- 6 - 7 Jan. 2011, Program coordinator of MATLAB Workshop/ Faculty of Computer Science and Information System, University Technology Malaysia (UTM), Malaysia
- 2 - 3 Dec 2010, Program coordinator and speaker in Network Simulator Workshop/ Faculty of Computer Science and Information System, University Technology Malaysia (UTM), Malaysia.
- 25 - 26 Nov 2010, Program coordinator of Research Strategies Workshop/ Faculty of Computer Science and Information System, University Technology Malaysia (UTM), Malaysia.
- 6 - 20 June 2011, Presentations evaluator in 2nd Workshop on Training on Research Tools and Presentations Skills / Faculty of Computer Science and Information System, University Technology Malaysia (UTM), Malaysia.
- 5 - 7 July 2010, speaker in Effective Presentations Skills & selecting the Final Year Project Workshop/ University Technology Malaysia (UTM), Malaysia.

Awards:

Title	Type/Nature	Institution Name	Year
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	2011
Postgraduate Research Grant Scheme	Research Grant	Universiti Teknologi Malaysia, Malaysia	2010
Doctoral Scholarship	Scholarship	Universiti Teknologi Malaysia, Malaysia	2010
Master Scholarship	Scholarship	Ministry of Higher Education, Yemen	2008

Teaching Courses:

Data Communication and Computer Networks No. of Times : 15	Optical Networks No. of Times :once	Computer Security No. of Times : 2
Wireless Network No. of Times : 2	Introduction to Computer System No. of Times :once	Network Security No. of Times :once
Network Management. No. of Times :once	Digital communication network. No. of Times :once	Network operating system. No. of Times :once
High speed networks. No. of Times :once	Client /Server technology No. of Times :once	Distributed Computing No. of Times :once
C++ Programming No. of Times :once	Data Base Management System No. of Times :once	DBA (fundamental I) No. of Times :once
Network Analysis and Design. No. of Times :once	Parallel and Distributed Systems No. of Times :2	Software Engineering No. of Times :once

References: Available upon request.