

## Dr. Sadik Ali Murshid Al-Taweel

### Associate Professor of Computer Science



Department of information systems,  
Faculty of Computing and Information Technology  
University of Science and Technology, Yemen  
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## PERSONAL INFORMATION

<b>Name</b>	Sadik Ali Murshid Al-Taweel	<b>Passport No.</b>	10441715
<b>Nationality</b>	Yemeni	<b>Place of Issue</b>	Yemen, Taiz
<b>Gender</b>	Male	<b>Date of Issue</b>	20-10-2021
<b>Date of Birth</b>	20 December 1967	<b>Date of Expiry</b>	20-10-2027
<b>Marital Status</b>	Married with 5 children	<b>Place of Birth</b>	Yemen, Ibb
<b>Languages</b>	Arabic, English	<b>Profession</b>	Professor

## EDUCATION & ACADEMIC QUALIFICATIONS

### Associate Professor in Computer Science (2020)

Major/ Degree Title	Associate Professor in Computer Science
Minor/ Specialization Topic	Systems & Network Security (Information Hiding)
Institution	University of Science and Technology
Country	Yemen
Graduation Year	2020

### Ph.D. in Computer Science (2011)

Major/ Degree Title	Ph.D. in Computer Science
Minor/ Specialization Topic	Information Systems Security (Digital Watermarking)
Title of PhD Thesis	Robust and Imperceptible Digital Video Watermarking Techniques
Institution	Universiti Sains Malaysia (USM), School of Computer Sciences
Country	Malaysia
Graduation Year	2011 - Graduation on February 2011, & Convocation Ceremony on 11 Mar 2011

### M.Sc. in Computer Science (2003)

Major/ Degree Title	M.Sc. in Computer Science
Minor/ Specialization Topic	Information Systems Security (Information Hiding Steganography)
Title of MSc Thesis	Application of Image Generation in Document Security
Institution	University of Technology, Al-Rasheed College of Engineering and Science
Country	Baghdad -Iraq
Graduation Year	2003

### B.Sc. in Computer Science (1991)

Major/ Degree Title	B.Sc. in Computer Science
Institution	Al-Mustansiriyah University, President of College Education, Department of Computer Science
Country	Baghdad- Iraq
Graduation Year	1991

## EMPLOYMENT

### Current Employment

<b>Institution &amp; Country</b>	University of Science and Technology (UST), Yemen
<b>Current Job Title</b>	Associate Professor
<b>Working years after PhD</b>	13 years

### Experience & Employment History

#### Full-Time Work

From-To	Job Title	Job Details & Employer
Jan 2020- Present	<b>Associate Professor,</b> Head of IS Department	Faculty of Computing and Information Technology University of Science and Technology (UST), Sana'a, Yemen
Sep 2012- Present	<b>Assistant Professor,</b> Head of IS Department	
Dec 2012-July 2018	Assistant Professor, OUM Programs Lecturer	<b>Lecturer:</b> MIT, Open University Malaysia (OUM).
Oct 2006- May 2007	Teaching Assistant	School of Computer Sciences Universiti Sains Malaysia (USM), Penang, Malaysia
Oct 2002- Mar 2005	Lecturer	Department of Computer Science College of Science & Engineering, University of Science and Technology (UST), Sana'a, Yemen
2002- 2005 & (2011-2012)	Lecturer	Department of Computer Science Nationality University Sana'a, Yemen

#### Part-Time Work

From-To	Job Title	Job Details & Employer
Dec 2021- Present	<b>Associate Prof,</b> Lecturer of Master Courses	University of Science and Technology (UST), Yemen Lecturer, Master of Computing (MCS) Program
Dec 2013-Oct 2021	<b>Assistant Prof,</b> Lecturer of Master Courses	
Jan 2012-2018	<b>Assistant Prof,</b> Lecturer of Master Courses	Open University Malaysia (OUM), UST, Yemen Master of Information Technology (MIT) Program
1999- 2000	lecturer	GEC institute, Yemen
1999	lecturer	ICSM institute, Yemen
1993-1998	lecturer	KCC institute, Yemen
1994-1996	lecturer	Computer Club, Yemen
1994	lecturer	TMC institute, Yemen
1991-1993	Training manager	ACC institute, Yemen
1991-1992	General programming section	Ministry of Education, Yemen

## TEACHING EXPERIENCE

Number of teaching years at university **20 years** Number of teaching years after PhD **12 years**

**Undergraduate Courses Taught (from 1991- till now)**

In multicultural education environments & different programs of Malaysian and Yemeni universities:  
University of Science & Technology (UST), Universiti Sains Malaysia (USM).

Course Title	Course Level	Program
Advanced IT Management	Undergraduate	BSc
Artificial Intelligence	Undergraduate	BSc
Cryptography and Systems Security	Undergraduate	BSc
Data Structures and Algorithms (with Java / in C++)	Undergraduate	BSc
Database Systems	Undergraduate	BSc
Data base applications	Undergraduate	BSc
Computer Graphics	Undergraduate	BSc
Network Security	Undergraduate	BSc
Data mining	Undergraduate	BSc
Decision Support Systems	Undergraduate	BSc
Software Engineering	Undergraduate	BSc
Systems Analysis and Design	Undergraduate	BSc
Project Management	Undergraduate	BSc
Supply Chain Management	Undergraduate	BSc
E-Business Strategies	Undergraduate	BSc
Computing Ethics	Undergraduate	BSc

**Postgraduate Courses Taught (from 2012 - till now)**

In multicultural education environments & different programs of Malaysian and Yemeni universities:  
University of Science & Technology (UST), Open University Malaysia (OUM),

Course Title	Course Level	Program
Advance Software Engineering	Postgraduate	MSc
ICT Resource Management, Information Systems Management	Postgraduate	MSc
Computer Architecture & Operating System	Postgraduate	MSc
Methodology of Information System Development	Postgraduate	MSc
Project Management	Postgraduate	MSc
Database Systems Management	Postgraduate	MSc

## CURRICULUM AND PROGRAMS DEVELOPMENT

Participated in the committees for: developing new programs, accreditation, and program specification document (PSD) of both levels:

### Undergraduate Programs

*BSc in Computer Science, BSc in Information Systems, and BSc in Information Technology.*

### Postgraduate Programs

*Ph.D. of Computing & Master of Computing,*

## Courses Specification & Evaluation

Participated in the committees for developing new curriculums and the course specifications/descriptions of the courses:

For the Undergraduate programs: **Computer Science, Information Systems, IT.**

Course Title Developed	Course Level	Program
Cyber Security	Undergraduate	BSc
Data Mining	Undergraduate	BSc
Information Systems Analysis and Design	Undergraduate	BSc
Introduction to Database	Undergraduate	BSc
Database Systems design	Undergraduate	BSc
Accounting Information Systems	Undergraduate	BSc
Strategic Information Systems	Undergraduate	BSc
Information Systems Development	Undergraduate	BSc
Special topics in Management Information Systems	Undergraduate	BSc
Special topics in Accounting Information Systems	Undergraduate	BSc
Decision Support Systems	Undergraduate	BSc
Computer Vision	Undergraduate	BSc
Image Processing	Undergraduate	BSc
Network & information Security	Undergraduate	BSc
Principle of Information Systems	Undergraduate	BSc
Marketing Information Systems	Undergraduate	BSc
Social Media Analytics	Undergraduate	BSc

For the Postgraduate programs: **PhD of Computing, Master of Computing**

Course Title Developed	Course Level	Program
Advance Topics in Database Administration	Postgraduate	PhD
Knowledge Discovery & Data Mining	Postgraduate	PhD
Algorithms Analysis and Design	Postgraduate	PhD
Advance Image Processing and Pattern Recognition	Postgraduate	PhD
Advance Software Engineering	Postgraduate	MSc
Image Processing and Pattern Recognition	Postgraduate	MSc
Advance Network Security	Postgraduate	MSc

## HONORS, AWARDS, and GRANTS

Honors, Awards and Grants	Date/Times
<i>Awarded many Scholarships (Teaching Fellowships, Research Officer &amp; Grants) as follows:</i>	
<b>i. University Fellowship</b> Universiti Sains Malaysia (USM), Malaysia. Under the following schemes: Universiti Sains Malaysia (USM), Malaysia <b>Fellowship</b>	Times Dec 2008
<b>ii. Teaching and Service Awards</b>	
<i>Teaching &amp; service awards (as a student, a lecturer, a coordinator, a head of department), such as:</i>	
1. Received the <b>Best Final year Project Award</b> . As a supervisor for the project: " <b>Image in image steganography technique based on Arnold transform and LSB algorithms</b> " Honored by Faculty of Computing and IT, UST, Sana'a, Yemen.	2016 2014-2023
2. Received the <b>Best Final year Project Award</b> . As a supervisor for the project: " <b>Secure The Data Transmission in the IoT Devices Using Cryptography</b> ." Honored by Faculty of Computing and IT, UST, Sana'a, Yemen.	
3. Received the <b>Best Final year Project Award</b> . As a supervisor for the project: " <b>Biometric Attendance Management Application</b> " Honored by Faculty of Computing and IT, UST, Sana'a, Yemen.	

4. Received the Best Final year Project Award. As a supervisor for the project: "**Water Services System for Automating Processes Between Consumers, Water Providers, and Wells Owners.**" Honored by Faculty of Computing and IT, UST, Sana'a, Yemen.
5. Received the Best Final year Project Award. As a supervisor for the project: "**The Smart Advisor for Diagnosing Skin Diseases Via Chatbot.**" Honored by Faculty of Computing and IT, UST, Sana'a, Yemen.

#### v. Scholarships

Awarded a scholarship to Malaysia for pursuing the Ph.D. By Ministry of Higher Education, Yemen.	2005
Awarded a scholarship to Iraq for pursuing the MSC. By Ministry of Higher Education, Yemen.	2000
Awarded a scholarship to Iraq for pursuing the B.Sc. in Computer Science. By Ministry of Higher Education, Yemen.	1987

#### VI. Research Grant

##### USM-RU-PRGS

Development of robust digital watermarking framework for compressed video against Geometric attacks.

## COMMUNITY SERVICE, PROFESSIONAL ACTIVITIES, & ASSOCIATIONS' MEMBERSHIP

### I. Community Service

Details of Community Services (Activity, Contribution/Participation)	From/ On	To
1. Teaching in continuing/ open education for MIS course program, Dept. of Administrative Sciences, Faculty of Open Education, UST, Yemen	Sep 2013	2018
2. Reviewer in the 1 <sup>st</sup> International Conference of Intelligent Computing and Engineering (ICOICE 2019)	2019	
3. Technical Program Committee (TPC) of the First International Conference on Advances in Cybersecurity (ACeS) 2019, organized by Universiti Sains Malaysia from 30 <sup>th</sup> July to 1 <sup>st</sup> August 2019.	2019	
4. Technical Program Committee (TPC) of the Second International Conference on Advances in Cybersecurity (ACeS) 2020, organized by Universiti Sains Malaysia from 8th to 9th December 2020.	2020	
5. Technical Program Committee (TPC) of the Third International Conference on Advances in Cybersecurity (ACeS) 2021, organized by Universiti Sains Malaysia from 8th to 9th December 2021.	2021	

## ADMINISTRATION EXPERIENCE AND ACADEMIC COMMITTEES

I. Committees at University Level	From-To / Date
<b>1. Member of the University Higher Technical Committee</b>	Sep 2012 - Aug 2013
<b>2. Member of the University Graduation Ceremony Committee for the academic year 2011-2012, Chair of the College Sub-committee</b>	Mar 2012 - Sep 2012
<b>3. Member of The University Accreditation Committee to complete requirements of ABET's accreditation for bachelor computing programs</b>	Aug 2012 - Aug 2013
II. Committees at College Level	From-To / Date
NOTE: If no faculty mentioned in the following; it means Faculty of Computing and Information Technology, UST, Yemen.	
<b>1. Member of the College Scientific Research and Publishing Committee</b>	Mar 2014 - Present
<b>2. Member of the College Recruitment &amp; Selection Committee</b> For Faculty of Computing and IT Departments (IT, Information Systems, Computer Science). Applicants for computing positions at main campus and other university's branches.	May 2014 - Present
<b>3. Member of the College Executive Committee</b> Faculty of Computing & IT, UST, Yemen	March 2012 - Present
<b>4. Member of Books Ordering &amp; Library Committee</b> Collecting & determining lists of books required to college (all undergraduate & graduate programs)	Aug 2011, Aug 2013
<b>5. Chair of the Committee Deciding About ISS Program</b> Chapter in subordination Program between Faculty of Computing & IT and Faculty of Administrative Sciences; according to survey for similar programs & recommendations of ABET & AACSB accreditation	Feb 2013
<b>6. chair and Member of Working Group for IS Program</b> Separate and distinguish the degree program: information systems; according to survey study for similar programs and the recommendations of ABET accreditation	Sep 2013
<b>7. Member of the Staff Professional Development Committee</b>	Aug 2012 - Present
<b>8. Member of the College Accreditation Committee</b> complete provision of the academic accreditation requirements for The THREE (3) bachelor's programs (Computer Science, Information Systems and IT) <i>according to Ministry of Higher Education &amp; ABET</i>	Aug 2012 - Aug 2013
<b>9. Chair of the Program Development Committee</b> develop a new plan for Bachelor of Information Systems Program, Faculty of Computing & IT <i>According to ABET &amp; Ministry of Higher Education accreditation</i>	Aug 2012 - Present
<b>10. Member of the Programs Development Committees</b> For Programs: Master in Computing & Ph.D. in Computing <i>According to the accreditation of ABET &amp; Ministry of Higher Education</i>	Jun 2013 - Feb 2014
<b>11. Member of the Program Specification Document (PSD) Committees</b> prepare PSDs of programs: Bachelor of IT, Master in Computing, & Ph.D. in Computing <i>According to the accreditation of ABET &amp; Ministry of Higher Education</i>	Feb 2012 - Present
<b>12. Member of the College Courses Description Working Groups</b> Faculty of Administrative Sciences, develop new computing courses' specifications for the programs: ○ Bachelor of business administration & Master of Business Administration <i>According to AACSB &amp; Ministry of Higher Education accreditation</i>	2014
<b>13. Member of the College Courses Description Working Groups</b> develop courses' specifications for: BSc. of IT, IS & Computer Science, MSc. & Ph.D. of computing <i>According to ABET &amp; Ministry of Higher Education accreditation</i>	2014
<b>14. Chair of the Department Operation Planning Committee, Dept. of IS</b>	Feb 2012- Present
<b>15. Chair of the Department Staff-Assessment Committee, Dept. of IS</b>	Feb 2012 - Present
<b>16. Chair of the Department Quality Assurance Committee, Dept. of IS</b>	Feb 2012- Present
<b>17. Chair of the Department Examination Committee, Dept. of IS</b>	Feb 2012- Present
<b>18. Chair of the Department's Program Promotion Committee, Dept. of IS</b>	Feb 2012- Present
<b>19. Chair of the Department Executive Committee, Dept. of IS</b>	Feb 2012- Present
<b>20. Chair of the Department Strategic Planning Committee, Dept. of IS</b>	Aug 2012 - Present

## PUBLICATIONS

## i) Jouranls

1. Farouk AbduhKamilAl-Fahaidy, Mohamad Yahya H. Al-Shamri, Abdullatif Ghallab, Ahmed Fuad Aldubai, Belal Al-Fuhaidi , Sadik Al-Taweel, Mohamed Al-Olofy, Abdullah Hameed Ali Naji, and Moath Faisal AliAhmed "**Simplified Deep Neural Network Models for Cardiovascular Disease Classification**" Wiley Applied Computational Intelligence and Soft Computing Volume 2025, Article ID 8709881, 21 pages <https://doi.org/10.1155/acis/8709881>
2. Mohammed Al-Duais, Abdualmajed A.G. Al-Khulaidi, Fatma Susilawati Mohamad, Walid Yousef , Belal Al-Fuhaidi, Sadik Ali Murshid Al-Taweel, Mumtazimah Mohamad, Mohd Nizam Husen, and Nooraini Yusoff "**Comparative Analysis of Machine Learning and Deep Learning Techniques for Early Prediction of Breast Cancer**" Journal of Future Artificial Intelligence and Technologies 2025 (Septemeber), vol. 2, no. 2.
3. Sadik Ali, Abdurahman H. Belal A. Al-fuhaidi " E-Learning Adoption in Open Learning Programs: A Case Study of Public and Private Universities in Jeddah City " International Journal of Computer Applications (0975 – 8887) Volume 178 – No. 10, May 2019
4. Belal A. Al-Fuhaidi, Hasan A. A. Asaad, Sadik Al-Taweel" **An Efficient Fault Tolerance Model for Single and Multi-Fault in MPLS Networks**" International Journal of Software Engineering and Computer Systems (IJSECS) ISSN: 2289-8522, Volume 5 Issue 1, pp. 16-35, February 2019
5. Dr. Sadik Al-Taweel, Mohammed Husain Al-Hada, Ahmed Mahmoud Nasser" **Image in image Steganography Technique based on Arnold Transform and LSB Algorithms** " International Journal of Computer Applications (0975 – 8887) Volume 181 – No. 10, August 2018
6. Dr. Sadik Al-Taweel, Mohammed Hussein Haithm, "**Determinant of Resistance for ERP system in Private Companies in Yemen**", Journal of Science & Technology, Vol. 21, No. 2, pp. 1-39, 2016.
7. Sadik, A. M. A.-Taweel., Sumari, P. & Ali.K.Alomari, S. (2010) **Robust Video Watermarking Algorithm Using Spatial Domain Against Geometric Attacks**. International Journal of Computer Science and Information Security ( IJCSIS - ISSN 1947 5500), Vol. 8, No. 2, 2010, pp.51-58.
8. Saleh A. Alomari, Putra Sumari, Sadik A. Al-Taweel, Ahmed M. Manasrah , "**CUSTP: Custom Protocol for Audio and Video Conferencing System over P2P Networks**", JDCTA: International Journal of Digital Content Technology and its Applications, Vol. 4, No. 3, pp. 61 ~ 74, 2010
9. Sadik, A. M. A.-Taweel. & Sumari., P. (2010) "**Robust Video Watermarking Algorithm Using 3D-DWT Domain**". Journal of Computer Science and Technology (JCST), under Review.
10. Al-Taweel, Sadik. A. M., Sumari, P., Alomari, S. A. K. & Husain, A. J. A. (2009) "**Digital Video Watermarking in the Discrete Cosine Transform Domain**". Journal of Computer Science, 5 (8), 536-543.
11. Saleh Ali. K. Alomari., Sumari, P., Al-Taweel, Sadik. A. & Husain, A. J. A. (2009) "**Digital Recognition Using Neural Network**". International Journal Of Computer Science, 5 , 427-434.
12. Abdulmonaam.S.Rahma & Sadik.Ali.M.Altaweel (2003) "**Using Computer Printing Facilities In Secure Document Printed And Information Hiding**". Journal Of Al Mansour University College 9th ,Year 2003, Scientific Conference By Union Of Arabic Scientific Research.
13. Abdulmonaam.S.Rahma & Sadik.Ali.M.Altaweel (2002) "**Design and Implementation Technique for Information Hiding In Document Frame**". Journal Of Al-Rafidian University College For Science, No. 9, Sixth Year 2002.

## ii) Conferences

1. Walid Yousef; Amira Al-adimi; Abdullatif Ghallab; Abdu Alameri; Mohammed Al-Dowail; Sadik Al-taweel"Enhancing University Admissions through Scalable and Fair Machine Learning Models: A Case Study from Yemeni Universities" The 5th International Conference on Emerging Smart Technologies and Applications eSmarTA-2025, August 5-6, 2025.
2. Sadik Al-Taweel; Ghassan Ahmed Ali; Saleh Alhazbi; Walid Yousef; Belal Al-Fuhaidi; Thamer Albater; Essa Hezzam; Abdullatif Ghallab " **Knowledge Transfer Challenges: A Practical Study of Yemen Public Telecommunication Corporation**" 2024 1st International Conference on Emerging Technologies for Dependable Internet of Things (ICETI)
3. Belal Al-Fuhaidi; Zainab Farae; Wedad Al-Sorori; Naseebah Maqtary; Yahya Al-Ashmoery; Farouk Al-Fuhaidy; Sadik Al-Taweel "**Anomaly-Based Intrusion Detection System in WSN using DNN Algorithm**" 2024 1st International Conference on Emerging Technologies for Dependable Internet of Things (ICETI)

4. Belal Al-Fuhaidi; Abdalnaser Alabbadi; Naseebah Maqtary; Wedad Al-Sorori; Sadik Al-Taweel; Walid Yousef " **Firefly Algorithm Based Proportional Integral Derivative Controller for AQM in TCP Networks**" 2024 1st International Conference on Emerging Technologies for Dependable Internet of Things (ICETI)
5. Belal Al-Fuhaidi; Wedad Al-Sorori; Naseebah Maqtary; Abdullah Al-Hashedi; Sadik Al-Taweel" **Literature Review on Cyber Attacks Detection and Prevention Schemes**" 2021 International Conference on Intelligent Technology, System and Service for Internet of Everything (ITSS-IOE)
6. Dr. Sadik Ali Al-Taweel , Mohammed. Al-Hada, Ahmed. M. A. Naser, and Mohammed Al-Thamary "Hide Image in Image Based on LSB Replacement and Arnold Transform" ICIT 2015 The 7th International Conference on Information Technology doi:10.15849/icit.2015.0048 © ICIT 2015
7. Saleh Ali Alomari, Putra Sumari , Sadik Al-Taweel, Raman Valliappan, Usman Sarwar, 2011. An Efficient Popularity Cushion Staggered Broadcasting for Homogeneous and Heterogeneous Mobile Video-on-Demand System. Proceedings of the 2011 3rd IEEE International Conference on Wireless and Optical Communications (ICWOC 2011). Zhengzhou, China, pp. 272-277. [Citation Indexed Proceedings (SCOPUS/ISI/SCI/SSCI/AI) ]
8. Alomari, S. A. K., Sumari, P. & Al-Taweel, Sadik. A. (2010) Peer To Peer Media Streaming System: A/V Conferencing System Using Custom Protocol. The 5th International Conference On Future Information Technology (Futuretech 2010). Busan, Korea, Ieee Xplore (Indexed By Ei).
9. Al-Taweel, Sadik. A. M. & Sumari, P. (2009) Digital Video Watermarking in the Discrete Wavelet Transform Domain. 2009 Sixth International Conference on Computer Graphics, Imaging and Visualization. Tianjin, China, IEEE Computer Society.
10. Al-Taweel, Sadik. A. M. & Sumari, P. (2009) A Robust Video Watermarking Algorithm Based on 3D-DWT Domain. International Conference on Software Engineering and Computer Systems (ICSECS '09). Swiss-Garden Resort & Spa, Kuantan, Pahang, Malaysia, University Malaysia PAHANG. Sadik Al-Taweel Curriculum Vitae, Jan 2022 Page 6 of 8
11. Al-Taweel, Sadik. A. M., Putra, S. & Kamarulhaili, H. (2009) Digital Video Watermarking Based on 3D-Discrete Wavelet Transform Domain. 2009 IEEE International Conference on Signal and Image Processing Applications (ICSIPA). Kuala Lumpur, Malaysia, IEEE.
12. Sadik, A., M Al-Taweel & Putra, S. (2009) Robust Video Watermarking Based On 3D-DWT Domain. IEEE TENCON 2009 Singapore, IEEE.
13. Al-Taweel, S. A. M. & Sumari, P. (2009) Digital Watermarking of Video using 3D-Discrete Wavelet transform. Computer Science Postgraduate Colloquium 2009 (CSPC'09),. School Of Computer Sciences, Universiti Sains Malaysia, Pulau Pinang, MALAYSIA.
14. Al-Taweel, Sadik. A. M. & Sumari, P. (2008) Blind Compressed Video Watermarking in DCT Domain Robust Against Global Geometric Attacks. International Cryptology Workshop and Conference 2008 (Cryptology2008). Putra World Trade Center (Pwtc) Kuala Lumpur.
15. Al-Taweel, Sadik. A. M. & Sumari, P. (2008) Watermarking Of Compressed Video. Computer Sciences Postgraduate Colloquium 2008 (CSPC08). USM, Pulau Penang, Malaysia.
16. Sadik, Ali. & Sumari, Putra. (2007) Development of Robust Digital Watermarking Framework for Compressed Video against Geometric Attacks. Computer Sciences Postgraduate Colloquium 2007 (CSPC07). USM, Pulau Penang, Malaysia

## SUPERVISION AND EVALUATION (Graduation Projects & Postgraduate Research)

### A. Postgraduate Research: Supervision and Evaluation

#### Supervision: Master & Ph.D.

Current	Title of Thesis/ Project, & Role	Degree	Year
<b>Jalelah Abdulmalek Al-akhli</b>	Intelligent Enhancement of Early Breast Cancer Detection Using the YOLOv9 Algorithm on Mammogram Images	MSc	Current
Completed	Title of Thesis/ Project	Degree	Year
<b>Husain Al-Hader</b>	Incremental Parallel Mining of Interesting Association Patterns for Big Data	PhD	2022
<b>Alia Mater Qaid M. Al-Towaity</b>	The Impact of Social Media on the Patients' Loyalty at Health Services: A Field Study of Outpatient Departments at Sana'a Private Hospitals	MSc	2019
<b>Maryam Ali Yahya Ali Al-Kuhlani</b>	Maryam Ali Yahya Ali Al-Kuhlani	MSc	2020
<b>Huda Mohammed Abdo Ghanem</b>	Measuring System Performances Using ERP Systems & Key Performance Indicators	MSc	2019
<b>Mohammed Sageer Ahmed Alhamati</b>	Improve Network Performance of Ids-Snort By Python Packet Sniffer Analyses	PhD	2017
<b>Abdurahman Hasan Al-abdali</b>	E-learning Adoption in Open learning programs Case of some Saudi's Universities	MSc	2016
<b>Abdulkareem Al-Sabri</b>	Development Of A Web-Based Project Progress Reporting Solution (Pprs)	MSc	2016
<b>Diya Mohammed Abdullah Saleh Al-Muntaser</b>	Development Of Cross-Platform Video Publishing System	MBA	2016
<b>Essam Ahmed Mohammed Al-Ofari</b>	A Proposed Model For Activating The Investment Relationship Between The Tvet Graduates And Lmd In Yemen	MBA	2016
<b>Mohammed Hussien Ali Haitham</b>	Factors Affect ERP Adoption Case study	MSc	2014
<b>Ala Ali Al-sanabani</b>	Identity Management Development For Open Learning Colleague In UST	MSc	2014

**B. Evaluation: Master & Ph.D.**

Students	Title of Thesis / Proposal	Degree	Year
1. Taha Al-Hababi	A Resilience Model for Socio-Technical Systems,	MSc	2022
2. Mohammed Salim Husain Al-Gowazi	Improving Data Compression Ratio of Lemple Ziv Welch Algorithm by Modifying Dictionary Handling.	MSc	2021
3. Nusibah Abdulhakim Shamsan Maktari	Automated Group Formation Framework in CSCL Environments,	PhD	2020
4. Ahmed Fuad Thabit Al-Aghbari	Critical Success Factors for the Implementation of Information Systems Projects in Yemeni Private Universities	MSc	2019
5. Mohammed Taher Qaid Ali	Knowledge Management Readiness of The Telecom And Banking Sectors in Yemen	MSc	2019
6. Khalid Ahmad Alhusam	Assessing Knowledge Management Maturity Of Telecommunications Companies In Yemen	MSc	2019
7. Ahmed Mohammed Ahmed Sharaf Addin	Critical Success Factors Of Erp Adoption And Implementation In Telecommunication Companies In Yemen	MSc	2019
8. Fawziyah Qaid Abdu Saif Nasr	The Technology Acceptance Model For Mobile Tracking On Insurance Service Applications In Yemen	MSc	2019
9. Hani Mohammed Alwatah	Mobile Subscriber Behavior Analysis Solution	MSc	2018
10. Abdalnasser Yassin hussein	National Financial Switch	MSc	2018
11. Hesham Abdulhalim Ali Saeed	Framework Of Vsat Internet Connectivity For Humanitarian Organizations In Yemen	MSc	2018
12. Gamil Mohammed Abdulqawi Mohammed	Analysis Of E-Banking Security In Yemen And Proposed Solution	MSc	2017
13. Ali Saleh Abdullah Alqadri	Role-Based Access Control With Downgrading Policy	MSc	2017
14. Maged Abdulrahman Hanash	A Comparison Study Of The Quran Question Answering Techniques	MSc	2017
15. Abdullah Abdulmajid AbdulqawiAl-Hamidi	Development Of A Dynamic Online Admission System For Sana'a University In Yemen	MSc	2017
16. Ibrahim Mohammad Mohammed Solh	Subscriber Data Management in telecom Sector: Security Perspective	MSc	2016
17. Mohammed Mosleh Ahmed Dahan	The Challenges of Adopting Cloud Computing At Higher Education Institutes in Yemen	MSc	2016
18. Ammar Ghailan Saeed Al-Shargabi	An Approach for Static Analysis of Java Code	MSc	2016
19. Sanad Ahmed Ebrahim Abkar	The Impact Of Service Quality Dimensions On Customer Satisfaction In Telecom Mobile Companies In Yemen	MSc	2016
20. Abdulssalam Mohammed Hussien Khako	A Method For Mitigating Ddos Attacks In Cloud Computing	MSc	2016
21. Iyad Mohammed Rashad ALMasry	Performance Evaluation & Comparative Study of MPLS-TE Using IPv6 Link State Routing Protocols	MSc	2016
22. Mohammed Essehaq Mohammed Mousa	Secured Cloud Apis Using Activity Analyzer	MSc	2015
23. Wail Abbas Nasser Ahmed	Implementation Of Electronic Payment Systems In Yemen – Comparative Study	MSc	2015

24. Moqbel Saleh Al-Haj	Performance Study and Comparison of Two Reactive Routing Protocols in Ad-Hoc Network	MSc	2015
25. Mubarak Saeed Mohammed Shamsan	An Integrated System For Data Integrity Check In Cloud	MSc	2015
26. Nabil Ahmed Elayah	Influence of Trust Factors on Acceptance of Internet Banking Services between Yemenis Users.	MSc	2015
27. Fadhl Abdullah Amer	Protect Web Applications Against Sql Injection	MSc	2014
28. Abdulkarim Yahya Abo Hatem	Investigate The Difficulties Of Utilization E-Learning: Case Study At General Telecommunication Institute In Yemen	MSc	2014
29. Nabil Hasaan	Information Technology Risks and its Impact on the Security of Accounting Information Systems "Field Study on Telecommunications Companies Operating in Yemen"	MSc	2014
30. Mohamed Abdo Ahmed Alyemani	Limitaions Of Business Intelligence Implemintation In Yemeni Banks	MSc	2013
31. Abdalnasser Yassin Hussein	National Financial Switch	MSc	2013
32. Bahaeldin M H Awadallah	The Impact Of Automation Process On The Employees' Satisfaction In University Of Science And Technology	MSc	2013
33. Asmaa Sheikhan Al Dobaee	Investgating The Possibility Of Applying Smart Identity Card In Yemen	MSc	2013
34. Nada Alawi Saleh Alsalami	Investigating Customer Satisfaction On Applying E-Crm In Banking Industry In Yemen	MSc	2013
35. Mosaad Abdullah Yahia Mohammed	Inferencing New Mapping In Peer To Peer Data Integration	MSc	2013
36. Mohammed Abdu Farhan Ali Alsharabi	Improving Information Technology Auditing In Yemen	MSc	2013
37. Ghadah Mohammed Abdullah Adel	A Comparison Of Online Plagiarism Detection Softwares In Arabic Theses	MSc	2012

## CERTIFICATES, TRAINING, WORKSHOPS, AND SPECIAL PROGRAMS

Training Program Name	Date	Country
Training Workshop on the “ <b>Mubadarah – Coaching Entrepreneurs</b> ”, Training the Entrepreneurs Coaches to support Yemeni youth for business plan competition, International Labour Organization (ILO) & Small and Micro Enterprise Promotion Service (SMEPS)	Nov - Dec 2014	Yemen
Training Course on “ <b>Prepare a Document for Self-Evaluation of Academic Programs</b> ”, QAA, Ministry of Higher Education and Scientific Research	Oct 2014	Yemen
Training Courses and Workshops on “ <b>Development Curricula and Course Portfolio Preparation</b> ”, Three courses: University Teaching Methods Course, Self-Evaluation of the Academic Programs and Document Cycle Program Description, Education and Learning Centre, UST	Mar - Apr 2014	Yemen
Training Course on the “ <b>Quality and Academic Accreditation</b> ”, Self-assessment at universities, Academic Accreditation Council (AAC), Ministry of Higher Education and Scientific Research	Jan 2014	Yemen
Training Courses & Workshops on “ <b>Market Within Development Programs</b> ”, joint programs in labour market & Development Program Description Document, Education & Learning Centre, UST	Dec 2013	Yemen
Training Course on the “ <b>Completion of Accreditation and Quality Assurance Standards</b> ”, Self-evaluation of academic programs (Master of Computing, MBA, & BBA)- accreditation and quality committees for assurance standards as the first level, Education and Learning Centre, UST	Aug 2013	Yemen
Workshops on “ <b>Ensuring Quality of the Information Technology Academic Programs</b> ”, Colleges of Computing and Information Society (CCIS), Association of Arab Universities (AAU)	Jul 2013	Yemen

<b>Training Program Name</b>	<b>Date</b>	<b>Country</b>
<b>Program Specification Document (PSD) Information System From 13-4-2013 To 5-6-2013</b>	2013	Yemen
<b>Workshop to Develop Program Specification Document (PSD) for Faculty's Programs according to ABET</b>	2013	Yemen
Seminars about " <b>Curriculum Development According to Accreditation Standards</b> ", Colleges for Computer and Information Society (CCIS), Association of Arab Universities (AAU)	Jul 2013	Yemen
Workshop on the " <b>Quality Assurance in Higher Education in the Arab World</b> ", Enhance quality of higher education institutions in Yemen, Colleges for Computer and Information Society (CCIS), Association of Arab Universities (AAU)	Jul 2013	Yemen
<b>Program Specification Document (PSD) Computer Science From 30-6-2012 To 14-7-2012</b>	2012	Yeme
<b>University Strategic Planning According to Balanced Score-Card Workshop</b>	Jun 2012	Yemen
Seminar in <b>Bioinformatics</b> , School of Computer Sciences, USM, Penang	2010	Malaysia
<b>Knowledge Discovery &amp; Data Mining Techniques</b> Workshop, USM, School of Computer Sciences, USM, Penang	2010	Malaysia
<b>Researching Methodology</b> , School of Computer Sciences, USM, Penang	2010	Malaysia
Workshop in <b>Natural Language Processing</b> , School of Computer Sciences, USM, Penang	2010	Malaysia
<b>Scientific Writing</b> Workshops, Institute for Graduate Studies (IPS), USM, Penang	2006, 2008	Malaysia
Workshop on <b>Computer Security</b> , School of Computer Sciences, USM, Penang	2009	Malaysia
<b>Relationship between Student &amp; Supervisor</b> Workshop, School of Computer Sciences, USM, Penang	2009	Malaysia
<b>Research Methodology, Statistics Statistical Analysis using SPSS</b> Workshop, Yemeni Students Association, USM, Penang	2008	Malaysia
<b>Research Methodology</b> Workshop, Institute for Graduate Studies (IPS), USM, Penang	2007	Malaysia
<b>Academy of Management Doctoral Student Consortium</b> Participant 2007	2007	Malaysia
National <b>Postgraduate Colloquium</b> 2005, School of Computer Sciences, USM, Penang	2005	Malaysia

## LANGUAGES

<b>English</b>	Excellent
<b>Arabic</b>	Excellent
<b>Bahasa Malaysia</b>	Fair

## References Available to Contact

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