

Dr. Abdullatif Ghallab

Associate Professor, Director of Graduate Studies and Scientific Research

Faculty of Computing and Information Technology
 University of Science and Technology
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Research Gate: <https://www.researchgate.net/profile/Abdullatif-Ghallab>

Google Scholar: <https://scholar.google.com/citations?user=o0oNJG0AAAAJ&hl=en>

Passport Information

Name	Abdulatef Saleh Nasser Ghallab	Passport Details	Passport No.	10786090
Nationality	Yemeni		Place of Issue	Yemen, Aden
Gender	Male		Date of Issue	13/12/2021
Date of Birth	14 October 1974		Date of Expiry	13/12/2027
Marital Status	Married with 5 children		Place of Birth	Yemen, Ibb
Languages	Arabic, English & Fair Bahasa Malaysia		Profession	Professor

EDUCATION & ACADEMIC QUALIFICATIONS

Ph.D. in Computer Science (2010)

Major/ Degree Title	Ph.D. in Computer Science
Minor/ Specialization Topic	Computational Intelligence (Artificial Intelligence)
Title of PhD Thesis	Simultaneous Adaptation of Multiple Genetic Algorithm Parameters Using Fuzzy Logic Controllers
Institution	Universiti Sains Malaysia (USM), School of Computer Sciences
Country	Malaysia
Graduation Year	2010 - <i>Graduation on Oct 2010, & Convocation Ceremony on Mar 2011</i>

M.Sc. in Computer Science (2001)

Major/ Degree Title	M.Sc. in Computer Science
Minor/ Specialization Topic	Information Systems Security (Cryptography and Data Security)
Title of MSc Thesis	Secure Encryption System
Institution	University of Science and Technology, College of Science and Engineering
Country	Yemen
Graduation Year	2001

B.Sc. in Computer Science (1997)

Major/ Degree Title	B.Sc. in Computer Science
Title of Graduation Project	Antivirus Program for Known and Unknown Boot Viruses
Institution	University of Mosul, Faculty of Science, Department of Computer Science
Country	Iraq
Graduation Year	1997

EMPLOYMENT

Current Employment

Institution & Country	University of Science and Technology (UST), Yemen
Current Job Title	Associate Professor
Working years after PhD	11 Years
Reason for leaving institution	Looking for a motivated research environment outside Yemen. As the current circumstances of my country enforce to a limited resource for life and research.

Experience & Employment History

Full-Time Work

From-To	Job Title	Details & Employer
Dec 2020- Present	Associate Professor, Director of Graduate Studies and Scientific Research	Faculty of Computing and Information Technology University of Science and Technology (UST) Sana'a, Yemen
Sep 2017- Dec 2020	Assistant Professor, Director of Scientific Research	
Nov 2013- Sep 2017	Assistant Professor, Director of Graduate Studies and Scientific Research	
Aug 2011- Aug 2013	Assistant Professor, Head of IT Department	
Dec 2010- July 2011	Assistant Professor, OUM Programs Coordinator	Coordinator, MIT & MBA Open University Malaysia (OUM) Lecturer, BIT, BBA, University Utara Malaysia (UUM) International College, UST, Sana'a, Yemen
Dec 2006- May 2009	Teaching Assistant	School of Computer Sciences Universiti Sains Malaysia (USM) Penang, Malaysia
Dec 2003- Nov 2010	Research Officer, Group Leader Assistant	
Jan 2004- Jul 2008	University Timetabling System Manager	
Oct 2001- Mar 2003	Lecturer	Department of Computer Science College of Science & Engineering UST, Sana'a, Yemen
Oct 1997- Sep 2001	Demonstrator	

Part-Time Work

From-To	Job Title	Details & Employer
Dec 2021- Present	Associate Prof, Lecturer	Teaching courses for Master, PhD of Computing, & MBA Deanship of Graduate Studies & Scientific Research, UST, Yemen
Dec 2013- Oct 2021	Assistant Prof	
Jan 2011- Present	Assistant Prof, Lecturer of Master Courses	Teaching courses for Master of Information Technology (MIT), MBA Open University Malaysia (OUM), UST, Yemen
Sep 2011- Oct 2017	Assistant Prof, Lecturer (MIS, MBA)	Master of Information Systems (MIS) & MBA Arab Academy for Banking & Financial Sciences (AABFS), Sana'a, Yemen
Sep 2000- Jun 2002	Instructor	Police College, Ministry of Interior, Sana'a, Yemen
Jun 2000- Oct 2001	Web Designer	Design & Develop the Ministry Official Website Ministry of Health, Yemen
May 1999- Nov 1999	Technical expert	Technical expert and programmer for Legacy 2000 devices Telecommunication Technology Company, Sana'a, Yemen
Aug 1997- Oct 1997	System Analyst & Database Programmer	Siemens Company of Computer and Peripherals, Sana'a, Yemen

TEACHING EXPERIENCE

Number of teaching years at university **24 years** Number of teaching years after PhD **11 years**

Undergraduate Courses Taught (1997 – present)

University of Science & Technology (**UST**), Universiti Sains Malaysia (**USM**), Universiti Utara Malaysia (**UUM**)

Course Title	Program
Advanced IT Management	BSc
Artificial Intelligence	BSc
Cryptography and Systems Security	BSc
Data Structures and Algorithms (with Java / in C++)	BSc
Database Systems	BSc
Human Computer Interaction & Visual Programming	BSc
Information Systems Development	BSc
Information Technology Management	BSc
Introduction to Computer Science, Information Systems Fundamentals	BSc
Introduction to Java, Advanced Java Programming	BSc
Object-Oriented Programming (OOP), Advanced Object-Oriented Programming	BSc
Practical Training, Industrial Training	BSc
Programming Fundamentals, Problem Solving & Programming, Advanced Programming Language	BSc
Research Methodology	BSc
Software Engineering	BSc
Strategic Information Systems	BSc
Systems Analysis and Design	BSc
Web-based Systems, Principles of Web Applications	BSc
E-Commerce, E-Business, Advanced E-Commerce	BSc, BBA
Enterprise Resources Planning (ERP), Systems Integration	BSc, BBA
Management Information Systems (MIS)	BBA

Postgraduate Courses Taught (2011 – present)

University of Science & Technology (**UST**), Open University Malaysia (**OUM**)

Course Title	Program
Research Seminars in Computing, Advanced Research Methodology	PhD, MSc
Enterprise Systems, Enterprise Computing	PhD, MSc
Advanced Data Structures and Algorithms with Java	MSc
Advanced Database Systems	MSc
Advanced E-Business	MSc
ICT Resource Management, Information Systems Management	MSc
Information Systems Planning	MSc
Knowledge Management	MSc
Methodology of IS Development, Advanced Systems Analysis and Design	MSc
Information Technology for Managers	MBA
Advanced Management Information Systems (MIS)	MBA

CURRICULUM AND PROGRAMS DEVELOPMENT

Programs Development

A chair, co-chair, or member of development committees that developed:

- **Undergraduate Programs:** B.Sc. of (Computer Science, IS, IT), & B.A. of Business Administration
- **Postgraduate Programs:** Ph.D. of Computing, Master of Computing, & MBA

Courses Specification & Evaluation

Undergraduate Courses *CS, IS, IT, & BBA*

Developed/ Evaluated Courses	Program
Fundamentals of Information Technology	BSc
Information Technology Management	BSc
Enterprise Resources Planning	BSc
Advanced Information Technology	BSc
Machine Learning	BSc
Knowledge-Based Systems	BSc
Principles of E-Business	BSc
Management Information Systems	BBA

Postgraduate Courses *Computing (PhD, MSc), & MBA*

Developed/ Evaluated Courses	Program
Enterprise Systems, Enterprise Computing	PhD, MSc
Research Seminars in Computing, Research Methodology	PhD, MSc
Strategic Information Systems Planning	PhD
Bioinformatics	PhD
Information Systems Management	MSc
Project Management	MSc
Advanced E-Business	MSc
Database Systems Management, Advanced Database Systems	MSc
Advanced Management Information Systems	MBA

CONSULTING

From-To	Consulting: Details of Project, Organization, Country
July 2013 – Sep 2014	<p>Coaching and Supervising at Youth Entrepreneurship Programme (Mubadara) Consult: Coach university students and advise them during their competition (graduates whose selected business plans for entry in the business plan competition) at “Mubadara”. Funds: International Labour Organization (ILO) & Private Sector, with Ministry of Higher Education’s cooperation. Under the current ILO Youth Employment Project YEM/12/50/NOR in Yemen. Address: Small & Micro Enterprise Promotion service (SMEPS), Web site: http://www.imeYemen.com/smep.html</p>
Feb 2014 – Sep 2014	<p>Local Information Systems Consultant Consult: Establishing National Student ID system of MIS and planning while sharing the responsibility with Curricula and Guidance Sector on the National Student ID system. Sub-component of Educational Management Information System (EMIS). Funds: World bank funded Basic Education Development Project (BEDP II), Republic of Yemen, Ministry of Education, The Education Development Project Administration Unit. Address: Basic Education Development project II, Project Administration Unit, 60 m Southern Rd. -Bait Meyad, Sana’a, Republic of Yemen, Tel: 00967 (1) 619163/4, Fax: 00967 (1) 619 219, P.O. Box 16392, Web site: www.edpau.org</p>
May 2009 - Jul 2009	<p>Consultant Assistant of Industrial Project Enhancing Job Scheduling of Manufacturing System Using Intelligent Algorithms, Address: Artificial Intelligence (AI) Lab., School of Computer Sciences, Universiti Sains Malaysia (USM), Malaysia</p>
Dec 2006 - Jun 2008	<p>Consultant Assistant of Industrial Project Intelligent Web Project for Supply Chain Management, at Asia Express Sdn. Bhd. Company, Working as a member of the USM consultancy team. Project coordination by USAINS Group of Companies Kompleks EUREKA http://103.6.196.136/~usainsgr/ Address: Artificial Intelligence (AI) Lab., School of Computer Sciences, Universiti Sains Malaysia (USM), Malaysia</p>

HONORS, AWARDS, and GRANTS

Scholarships, Teaching Fellowships, Research Officer & Research Grants	Date
Scholarships, Teaching Fellowships	
1. Graduate Teaching Assistant , Universiti Sains Malaysia (USM), Malaysia	Dec 2006
2. USM Fellowship , Universiti Sains Malaysia (USM), Malaysia	Jan 2008
3. USM Fellowship , Universiti Sains Malaysia (USM), Malaysia	July 2008
4. Awarded a scholarship to Malaysia for pursuing the Ph.D. By Ministry of Higher Education , Yemen.	2005
5. Awarded a Teaching/Researching Scholarship through my M.Sc. degree program , By University of Science and Technology (UST) , Yemen	1999
6. Awarded a merit scholarship through my undergraduate university education, By Ministry of Higher Education , Yemen, selected among ten thousand of the students	1993
Research Officer	
1. Research Officer , School of Computer Sciences, Universiti Sains Malaysia (USM), Malaysia Project: Intelligent Examination Scheduling System	Dec 2003 - May 2005
2. Research Officer , School of Computer Sciences, Universiti Sains Malaysia (USM), Malaysia Project: Intelligent Parameter's Adaptation for Genetic Algorithms Optimization	Jun 2005 - Dec 2007
3. Research Officer , School of Computer Sciences, Universiti Sains Malaysia (USM), Malaysia Project: An Intelligent Genetic Algorithms' Parameters Adaptation for RNA Folding Problem	Sep 2009 - Jun 2010
4. Research Officer , School of Computer Sciences, Universiti Sains Malaysia (USM), Malaysia Project: Modeling Human Neocortex Inspired Memory system and its Neurogenetic Connections: Towards Brain like Knowledge Engineering Approach	Aug 2010- Nov 2010
Research Grants	
1. Research Grant: Fundamental Research Grant Scheme (FRGS), RM 40,000.00 (\$13,300) Title: Intelligent Parameter's Adaptation for Genetic Algorithms Optimization Sponsor: USM Grant Period: 15/01/2007 - 30/06/2010 Leader: Prof. Dr. Ahamad Tajudin Khader Leader Assistant: Abdullatif Saleh Ghallab Role: Preparing for research grant, managing the project as a leader assistant and research officer of AI Lab.	Jan 2007 - Jun 2010
2. Research Grant: MOSTI-E-Science Grant, RM 139,500.00 (\$64,500) Title: An Intelligent Genetic Algorithms' Parameters Adaptation for RNA Folding Problem Sponsor: Ministry of Science, Technology & Innovation (MOSTI), Government of Malaysia Grant Period: 01/09/2007 - 30/06/2010 Leader: Prof. Dr. Ahamad Tajudin Khader Leader Assistant: Abdullatif Saleh Ghallab Role: Preparing for research grant, managing the project as a leader assistant and research officer of AI Lab.	Sep 2007 - June 2010
Teaching and Service Awards	
1. Received the Certificate of Thanks and Appreciation . In recognition of the efforts for Chairmanship of the College Scientific Research and Publishing Committee during the year 2018, Honored by Deanship of Graduate Studies & Scientific Research , UST, Sana'a, Yemen	2019
2. Received the Best Final year Project Award . As a supervisor for the project: Transition from IPv4 to IPv6 by GNS3 Emulation: Yemen PTE as a Case Study, Honored by Faculty of Computing and IT , UST, Sana'a, Yemen	2016
3. Received the Teaching Excellence Appreciation Award . Got the Best Two Lecturers Award (out of the college members, around 30 lectures) based on the students, department and college evaluations processes, academic year 2013-2014, Honored by Faculty of Computing and IT , UST, Sana'a, Yemen	2015
4. Received the Certificate of Thanks and Appreciation . In recognition of the efforts for Chairmanship of the College Scientific Research and Publishing Committee during the period (11-04-2013 – 13-02-2014), by Deanship of Graduate Studies & Scientific Research & university President , UST, Sana'a, Yemen	2014
5. Received the Head of Department Excellence Appreciation Award , as a head of IT department for the academic year 2011- 2012, for privileged, contribute to improve performance, enhance the level of institutional loyalty and create a spirit of positive competition among the employees of the university, Honored by the university President , UST, Sana'a, Yemen	2012
6. Received the Certificate of Thanks and Appreciation , in recognition of the efforts for teaching & helping for further improvements, Honored by Information Systems Students Union , Faculty of Computing and Information Technology, UST	2014
7. Received the Certificate of Thanks and Appreciation , appreciation and gratitude for sincere efforts, outstanding and commitment through the education of his students, Honored by Information Technology Students Union , Faculty of Computing and Information Technology, UST	2013
8. Received the Certificate of Thanks and Appreciation , estimate and admitted efforts for the success of the educational process at the university, Honored by IT & Software Engineering Students Union , Faculty of Computing and Information Technology, UST	2013
9. Received the Certificate of Thanks and Appreciation , Gratitude and appreciation for students during their university studies, Honored by Information Systems Students Union (Girls) , Faculty of Computing and Information Technology, UST	2013
10. Received the Award certificate of Thanks and Appreciation . In recognitions for effort and being always to support UUM students (Information Technology & Business Administration), Honored by UUM Students Organization Committee , 2012, International College, UST	2012

Scholarships, Teaching Fellowships, Research Officer & Research Grants	Date
11. Received the Community Service Thanks and Appreciation . Warmest appreciation for supporting community service during the Co-Curriculum classes (Spirituality & Media technology) of both programs (Information Technology & Business Administration), Honored by SPRING 2013-UUM Student's Committee , International College, UST	2013
12. Received the Certificate of Thanks and Appreciation . In recognition of efforts and contribution for supporting the girls' students to complete their educations, Honored by Diploma of IT Students Union (Girls) , Faculty of Computing and Information Technology, UST	2012
13. Received the Certificate of Thanks and Appreciation . Great efforts for students as a Head of Information Technology Department, Honored by IT & Computer Networks Students Union , Faculty of Computing and Information Technology, UST	2011
14. Received the Certificate of Thanks and Appreciation . Thanks, and appreciation for supporting students during the journey of learning and in recognition of efforts in the advancement of the educational process, Honored by Computer Science Students Union , Faculty of Computing and Information Technology, UST	2011
15. Service Award , in recognition of efforts in establishing and supervising the Arabic Secondary School, Honored by Yemeni & Arab Students Unions , USM, Penang, Malaysia	2010
16. Excellent Tutor Award , Honored by School of Computer Sciences, Universiti Sains Malaysia (USM), Malaysia	2009
17. Graduate Student Council Service Award , as an active member of postgraduate colloquiums' committee & with great efforts and participations during the activities of the annually Computer Science Postgraduate Colloquiums (2006-2008), Honored by the Dean of School of Computer Sciences, USM , 8th Computer Science Postgraduate Colloquium 2008 (CSPC'08)", Universiti Sains Malaysia, Malaysia, 25th-26th June 2008	2008
18. Excellent Teaching Award , Honored by Computer Science Department , College of Science and Engineering, UST, Yemen	2001
19. Received the Teaching Excellence Appreciation Award , Honored by College of Science and Engineering , UST, Yemen.	1999
20. Received the best final year project award , Honored by Computer Science Department , Faculty of Science, Mosul University, Iraq	1997

COMMUNITY SERVICE. PROFESSIONAL ACTIVITIES. & ASSOCIATIONS' MEMBERSHIP

I. Community Service

Details of Community Services (Activity, Contribution/Participation)	From	To
1. Woman in Data Science (WIDS Sana'a) , ArabWIC-Yemen, IEEE-Yemen, Sana'a	Mar 8, 2020	
2. Lecturer & Trainer in A Specialized Training Course on: Avoid plagiarism in research for faculty & researchers, Dept. of Scientific Research. Deanship of Graduate Studies, UST, Yemen	Mar 19, 2015	
3. Lecturer & Trainer in A Specialized Training Workshop on: Work and dissemination of research dissemination rules of scientific journals court & impact factors, publishing, & literatures review for postgraduates, different faculties, Education and Learning Centre, UST, Yemen	Mar 2014	
4. Teaching in continuing/ open education for MIS course MBA program, Dept. of Administrative Sciences, Faculty of Open Education, UST, Yemen	Sep 2014	Present
5. Teaching in continuing/ open education for E-business course BBA program, Dept. of Administrative Sciences, Faculty of Open Education, UST, Yemen	Sep 2013	Jan 2014
6. Presentation on free software foundation open-source software as an alternative for graduate students, academic & administrative staff. Faculty of Computing and IT, UST, Yemen	Oct 2014	
7. Presentation on how to access instructor resource to encourage academic staff to use open educational resources. Faculty of Computing and IT, UST, Yemen	Nov 2013	
8. A short interview with Yemen Today TV Channel Importance of design using graphics & multimedia Exhibition of Graphics Design and Multimedia, Faculty of Computing and IT, UST, Yemen	May 2013	
9. Lecturer & Trainer in A Specialized Training Workshop on: Skills and Ethics of Research . for Master's AABFSs Students (MIS), UST, Yemen	May 2012	
10. Lecturer & Trainer, Teaching in Specialized Training Seminar: How to prepare a research proposal for Master's OUM Students (MBA & MIT), UST, Yemen	Mar 2012	
11. Lecturer on: research sources & using research indices for Master's OUM Students (MBA & MIT), Practical Workshop, UST, Yemen	Mar 2012	
12. Contribute to solve many problems faced students for Malaysian (OUM, UUM, UiTM) undergraduates & postgraduate Programs. UST, Yemen	Jan 2011	Present
13. Lecturer on: Presentation Skills & How to use assistive technology in scientific presentations , for the university academic & administration Workshop, UST, Yemen	Jul 2011	
14. Speaker at 2008 Postgraduate Colloquium School of Computer Sciences, USM, Malaysia, Malaysia	June 2008	
15. Steering Committee Co-Chair , Arabic Secondary School, USM, Penang, Malaysia	Jul 2008	Mar 2010
16. Steering Committee Chair , Arabic Secondary School, USM, Penang, Malaysia	Jun 2006	Mar 2008
17. Member, the committee to improve students' programming skills and performance	2007	2008

Details of Community Services (Activity, Contribution/Participation)	From	To
for undergraduate students in computer science, School of Computer Sciences, USM, Malaysia, Malaysia		
18. Co-chair for Graduate Students Committee & Head of the Technical Program Committee Postgraduate Colloquium, School of Computer Sciences, USM, Malaysia	2007	2007
19. Intensive workshop on the advanced searching and indexing techniques literature survey in internet resources. Yemeni Students Union, USM, Penang, Malaysia	Aug 2007	
20. Supervising social activities & community service for Arab & Yemeni Students' Families. Islamic Centre, USM, Penang, Malaysia	Mar 2007	
21. Funded and active member of the Yemeni Students Union USM, Penang, Malaysia	Mar 2007	Sep 2010
22. Active member as an international student representative International Office for helping the new international students, USM, Penang, Malaysia	May 2006	Mar 2009
23. Help Arab & Yemeni postgraduate students for making a research proposal How to find a literature review and supervisor(s), USM, Penang, Malaysia & UST, Yemen	2006	Present
24. Member of International Students Committee Postgraduate Colloquium, School of Computer Sciences, USM, Malaysia	2004	2008
25. Family Communications and Students Activities, USM, Penang, Malaysia	Sep 2004	May 2010
26. Helping Arab & Yemeni Students for getting admission in Malaysian Universities Help international students for process of visa, fees postpone, housing, & accommodations, USM, Penang, Malaysia	Sep 2004	May 2010
27. Advice new CIT, UST students to select their interest program Faculty of Computing and IT, UST, Yemen	2002	Present
28. Recommendation letters for Master and Ph.D. candidates and the graduates job seekers, Faculty of Computing and IT, UST, Yemen	2001	Present

II. Professional Activities & Associations' Membership

Community Services/ Activity/ Contribution/ Participation	From	To
1. IEEE of Yemen Chapter	May 2018	Prese nt
2. American Association of Yemeni Scientists and Professionals (AAYSPP) Malaysian Chapter, http://www.aaysp.org/malaysia2	May 2007	Prese nt
3. Member of the Technical Committee International Conference on Future Computational Technologies (ICFCT'2015), Singapore, www.ureng.org	Dec 2014	Mar 2015
4. Chair of Publications Committee, Member of Program Committee ITSS-IoE 2021, International Conference on Intelligent Technology, System and Service for Internet of Everything https://easychair.org/my/conference?conf=itssioe2021#	Jun 2021	Nov 2021
Professional Bodies/ Associations	From	To
1. Coaches' association of Small Micro Enterprise Promotion Service (SMEPS) Entrepreneurship Projects, Small Micro Enterprise Promotion Service, Social Fund for Development, www.smeps.org	July 2013	Sep 2016
2. Consultations Committee of the Consultations and Development Centre University Science and Technology, Sana'a – Yemen	Apr 2012	Prese nt
Board Memberships/ Academic and Scientific Institutions	From	To
1. DEPUTY EDITOR-IN-CHIEF, HEAD OF THE EDITORIAL TEAM Journal of Science and Technology, The Computing Section of the editorial team, (ISSN: 16072073), UST, Yemen, http://ust.edu/ojs/index.php?journal=JST&page=about&op=editorialTeam ,	Sep 2013	Prese nt
2. Scientific Committees and Editorial Review Boards of Computer, Electrical and Electronic Engineers & IT, http://www.iieng.org/editorial_board.php?cid=3prof	Jul 2014	Sep 2016
3. Member of (Scientific Program-Technical & Reviewer) Committees of: <ul style="list-style-type: none"> o Emirates Association of Computer, Electrical & Electronics Engineers (EACEEE), http://eaceee.org o Emirates Research Publishing (ERPUB), http://erpub.org/committee.php Specifically, the following conferences associated with ERPUB & EACEEE:	Feb 2015	Sep 2016
• International Conference on Electronics, Computer and Information Technology (ECIT-16), Jan. 5-6, 2016, Kuala Lumpur, Malaysia, http://ecit.eaceee.org/scientific_committee.php	Jan 2016	

Community Services/ Activity/ Contribution/ Participation	From	To
• 2nd International Conference on Computer, Control and Communication Technologies (CCCT-15), Dec. 3-4, 2015, Antalya, Turkey, http://ccct.eaceee.org & http://ccct.eaceee.org/scientific_committee.php	Dec 2015	
• International Conference on Computer, Electrical & Electronics Engineering (CEEE-15), Oct. 2-3, 2015, Phuket, Thailand, http://ceee.eaceee.org/scientific_committee.php	Oct 2015	
• International Conference on Data Mining, Electronics and Information Technology (DMEIT'15), August 10-11, 2015 Pattaya, Thailand, http://dmeit.eaceee.org/scientific_committee.php	Aug 2015	
• International Conference on Image Processing, Electrical and Computer Engineering (IPECE'15), July 8-9, 2015 Singapore, http://ipece.eaceee.org/scientific_committee.php	Jul 2015	
• International Conference on Computer, Control and Communication Technologies (CCCT'15), June 15-16, 2015 Bangkok, Thailand, http://ccct.eaceee.org/scientific_committee.php	Jun 2015	
• International Conference on Artificial Intelligence, Electrical & Electronics Engineering (AIEE'15), May 13-14, 2015 Kuala Lumpur, Malaysia, http://aiee.eaceee.org/scientific_committee.php	May 2015	
4. Member of The Reviewer Committee International Journal of Computing, Communication and Instrumentation Engineering (IJCCIE), ISSN 2349-1469 (Print) ISSN 2349-1477 (Online), http://ijccie.ieng.org	Jul 2015	
5. Member of The International Committee ○ International Institute of Engineers (IIE), www.ieng.org	Jul 2015	Jan 2017
6. Member of The Scientific Board & Reviewer Committee ○ Computer, Electrical & Electronic Engineers, Committees of IIE Conferences and Journals, http://www.ieng.org/editorial_board.php?cid=3 & http://ijccie.ieng.org/reviewers.php	Jul 2015	Jan 2017
Specifically, the following conferences associated with IIE:	Date	
• International Conference on Engineering Technologies and Big Data Analytics (ETBDA'2016), Jan 21-22, 2016 Bangkok, Thailand, http://www.ieng.org/2016/01/22/75	Jan 2016	
• 4th International Conference on Advances in Engineering Sciences and Applied Mathematics (ICAESAM'2015) Dec 8-9, 2015 Kuala Lumpur, Malaysia, http://www.ieng.org/2015/12/09/77	Dec 2015	
• 7th International Conference on Latest Trends in Engineering and Technology (ICLTET'2015), Nov. 26-27, 2015 Irene, Pretoria, South Africa, http://www.ieng.org/2015/11/26/78	Nov 2015	
7. Senior Member of The Program & Scientific Committees, & Member of The Reviewer Committee , Universal Researchers in Engineering (URENG), http://www.ureng.org	Aug 2014	Sep 2016
Specifically, the following conferences associated with URENG:	Date	
• International Conference on IT, Mechanical and Communication Engineering (ICIMCE'2016) Jan. 2-3, 2016, Pattaya, Thailand, http://icimce.ureng.org	Jan 2016	
• 2nd International Conference on Future Computational Technologies (ICFCT'2015), Dec. 25-26, 2015, Dubai, UAE, http://icfct.org	Dec 2015	
• International Conference on Advances in Software, Control and Mechanical Engineering (ICSCME'2015) Sept. 7-8, 2015, Antalya, Turkey, http://icscme.ureng.org	Sep 2015	
• International Conference on Image Processing, Production and Computer Science (ICIPCS'2015), Jun 3-4, 2015 Istanbul, Turkey, http://icipcs.ureng.org	Jun 2015	
• International Conference on Future Computational Technologies (ICFCT'2015), March 29-30, 2015 Singapore, http://icfct.org/proceedingspdf.php?id=5	Mar 2015	
• I International Conference on Electronics, Computer and Manufacturing Engineering (ICECME'2015), March 21-22, 2015, London, UK, , http://icecme.ureng.org/index.php	Mar 2015	
• International Conference on Artificial Intelligence and Manufacturing Engineering (ICAIME'2014), Dec. 25-26, 2014 Dubai, UAE, http://icaime.org/	Dec 2014	
8. Member of IIE - ABET Community , INSTITUTE OF INDUSTRIAL ENGINEERS (IIE), Accreditation Board for Engineering and Technology (ABET), https://www.iienet2.org	Jul 2015	
9. Member of CSAB – ABET Community , Computing Sciences Accreditation Board (CSAB), , Accreditation Board for Engineering and Technology (ABET), http://csab.org	Jul 2015	
10. Member of AACSB Community , Association to Advance Collegiate Schools of Business (AACSB), http://www.aacsb.edu/membership/listings/	Jul 2015	

LEARNING TECHNOLOGY, COLLABORATIVE, & SUPPORT CENTERS

I. Learning Management Systems (LMSs) and Technologies	From	To
1. LMSs and Online Learning Courseware Many of the University LMS (UST, USM, UUM, OUM), like Portal, Learning Zones, & myVLE	Sep 2004	Present
2. Open-Source Learning Technologies Moodle, Google Apps for Educators, & Google Classroom.	May 2012	Present
3. Pearson Education Online Products Instructor Resource Centre, MySearchLab, MyLab, & MyPearson	Oct 2013	Present
4. Wiley Plus, John Wiley & Son Higher Education Resources	Feb 2014	Present
5. Cengage Learning	Oct 2014	Present
6. CRC Press Textbooks, MIT Press textbook	Mar 2015	Present
7. Coursera, Academia	Oct 2013	Present
8. Turnitin	Sep 2014	Present
9. ResearchGate, LinkedIn	Sep 2013	Present

ADMINISTRATION EXPERIENCE AND ACADEMIC COMMITTEES

I. Committees at University Level	From-To / Date
1. Member of the University Higher Technical Committee	Sep 2011 - Aug 2013
2. Chair of the University Website Evaluation Committee	Sep 2011
3. Member of the University Practical Training Committee	Sep 2013 - Sep 2016
4. Member of the Conference Organizing Committee annual meeting for executive committee of the Colleges of Computing and Information Society (CCIS) - Association of Arab Universities (AARU) & the associated activities	Jun 2013
5. Member of the University Graduation Ceremony Committee of academic year 2001-2002, Chair of Science & Engineering College's Sub-committee	May 2002 - Sep 2002
6. Member of the University Graduation Ceremony Committee for the academic year 2011-2012, Chair of the College Sub-committee	Mar 2011 - Sep 2012
7. Member of the University Council of Postgraduate Studies Deanship of Graduate Studies & Scientific Research, http://www.ust.edu/enj/hscr	Sep 2013 - Sep 2017
8. Member of the University Scientific Research and Publishing Committee Deanship of Graduate Studies & Scientific Research, http://pgs.ust.edu/committee-members	Nov 2013 - Present
9. Member of the Quality Evaluation Committee to evaluate the archiving of Bioinformatics Engineering Department based on QAA criteria	2013
10. Member of The University Accreditation Committee to complete requirements of ABET's accreditation for bachelor computing programs	Aug 2011 - 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.

1. Chair of the College Scientific Research and Publishing Committee	Mar 2014 - Present
2. Chair of postgraduate scientific writing workshop Committee Prepare an intensive workshop for the students of master and Ph.D. (Feb. 4-7, 2017)	Dec 2017- Feb2018
3. Chair of the Graduate Studies Committee For Master and Ph.D. of Computing Programs, www.ust.edu/enj/component/k2/item/1702-graduate-programs	Nov 2013 - Sep 2017
4. Member of the College Recruitment and Selection Committee Interview & Assessment the candidates to occupy the academic positions at the Faculty of Computing and IT Departments (IT, Information Systems, Computer Science) for the academic year 2013-2014.	May 2013 - Sep 2013
5. Chair of the College Recruitment & Selection Committee 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
6. Member of the College Executive Committee Faculty of Computing & IT, UST, Yemen	Oct 2011 - Present
7. Chair of Team-Work Deciding Journals for the College to Be Subscribed Selecting the best shortlist of international computing journals from Springer Journals for the College	Sep 2013
8. Chair of the College Practical Training Committee	Sep 2013 - Mar 2014

9. Chair of Books Ordering & Library Committee Collecting & determining lists of books required to college (all undergraduate & graduate programs)	Aug 2011, Aug 2013
10. Member of the Committee Deciding About ISs Program 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
11. Member of Working Group for Separating IT & IS Programs Separate and distinguish the two-degree programs: information systems and information technology; according to survey study for similar programs and the recommendations of ABET accreditation	Sep 2013
12. Member of the Orientation Committee Strengthen new students' orientation, academic years (2011-2012 & 2012-2013)	Sep 2011, Sep 2013
13. Member of the Staff Professional Development Committee	Aug 2012 – Present
14. Chair of the College Accreditation Committee Complete provision of the academic accreditation requirements for The THREE (3) bachelor's programs (Computer Science, Information Systems and IT) according to Ministry of Higher Education & ABET	Aug 2011 - Aug 2013
15. Chair of the College Accreditation Committee Complete provision of the academic accreditation requirements for Master of Computing program according to the instructions and recommendations of Ministry of Higher Education & ABET	Aug 2011 - Aug 2013
16. Chair of the Program Development Committee Develop a new plan for Bachelor of Information Technology Program, Faculty of Computing & IT according to ABET & Ministry of Higher Education accreditation	Aug 2011 - Present
17. Member of the Programs Development Committees For Programs: Master in Computing & Ph.D. in Computing according ABET & Ministry of Higher Education	Jun 2013 - Feb 2014
18. Member of the Program Specification Document (PSD) Committees Prepare PSDs of programs: Bachelor of IT, Master in Computing, & Ph.D. in Computing according to the accreditation of ABET & Ministry of Higher Education	Feb 2011 – Present
19. Member of the College Courses Description Working Groups Faculty of Administrative Sciences, develop new computing courses' specifications for the programs: Bachelor of business administration & Master of Business Administration according to AACSB & Ministry of Higher Education accreditation	2014
20. Member of the College Courses Description Working Groups Develop courses' specifications for: BSc. of IT, IS & Computer Science, MSc. & Ph.D. of computing according to ABET & Ministry of Higher Education accreditation	2014

III. Committees at Department Level	From-To / Date
NOTE: Faculty means: Faculty of Computing and Information Technology, UST, Yemen	
During period (Aug 2011-Aug 2013) Department of IT including FIVE (5) programs:	
<ul style="list-style-type: none"> • Bachelor of Information Technology (in Arabic), & Diploma of Information Technology (2 years) • Bachelor of Information Technology (in English), Bachelor of Information Technology (UUM in English), & • Bachelor of Graphics Design and Multimedia 	
1. Chair of the Department Strategic Planning Committee, Dept. of IT	Aug 2011 - Aug 2013
2. Chair of the Department Operation Planning Committee, Dept. of IT	Aug 2011 - Aug 2013
3. Chair of the Department Staff-Assessment Committee, Dept. of IT	Aug 2011 - Aug 2013
4. Chair of the Department Quality Assurance Committee, Dept. of IT	Aug 2011 - Aug 2013
5. Chair of the Department Examination Committee, Dept. of IT	Aug 2011 - Aug 2013
6. Chair of the Department's Program Promotion Committee, Dept. of IT	Aug 2011 - Aug 2013
7. Chair of the Department Executive Committee, Dept. of IT	Oct 2011 – Present
8. Chair of Programs Curriculums Committee for the Department For the programs: Bachelor of Information Technology (in Arabic), Bachelor of Information Technology (in English), & Diploma of Information Technology (2 years)	Aug 2011 - Present
9. Supervisor of new Plan and Curriculum Committee For Bachelor of Graphics Design & Multimedia Program, evaluating the old program and develop new	Sep 2012 - Jun 2013
10. Leader Assistant, Computational Intelligence Research Group (CIRG) Artificial Intelligence (AI) Lab., School of Computer Sciences, Universiti Sains Malaysia (USM), Malaysia	Apr 2006 - Jul 2010
11. Research Officer Artificial Intelligence (AI) Lab., School of Computer Sciences, Universiti Sains Malaysia (USM), Malaysia	Jan 2004 - Mar 2008
12. Co-Chair of the Quality Assurance Committee Department of Computer Science, College of Science and Engineering, UST, Yemen	Aug 2001 - Jan 2003
13. Coordinator of the Graduation Projects Final year projects department coordinator	Apr 1999 - Mar 2003

PUBLICATIONS

1. Ghallab, A. Almuzaiqer, A. Al-Hashedi, A. Mohsen, K. Bechkoum and W. Aljedaani, "Factors Affecting Intention to Adopt Open Source ERP Systems by SMEs in Yemen," 2021 International Conference on Intelligent Technology, System and Service for Internet of Everything (ITSS-IoE), 2021, pp. 1-7, doi: 10.1109/ITSS-IoE53029.2021.9615254. **Scopus** <https://ieeexplore.ieee.org/document/9615254>
2. Abdulkarem Abohatem, Abdulmajed Al-Khulaidi, Abdullatif Ghallab (2021). Investigate the difficulties of utilization e-learning: case study at general telecommunication institute in Yemen. Design Engineering, 12154-12170. <http://thedesigengineering.com/index.php/DE/article/view/4371>. **Scopus Q4**
3. Aljedaani, W., Peruma, A., Aljohani, A., Alotaibi, M., Mkaouer, M.W., Ouni, A., Newman, C.D., Ghallab, A. and Ludi, S., (2021). Test Smell Detection Tools: A Systematic Mapping Study. Evaluation and Assessment in Software Engineering (EASE 2021). Association for Computing Machinery, 170–180. **Scopus**
4. Mhoub, A. A. F., Al-Sanafi, A. A. A., & Ghallab, A. S. N. (2021). Impact of IT on Knowledge Management: A Study of Yemeni Banks. Journal of Social Studies, 27(1), 95-123.
5. Altabeeb, A. M., Mohsen, A. M., Abualigah, L., & Ghallab, A. (2021). Solving capacitated vehicle routing problem using cooperative firefly algorithm, Applied Soft Computing, 108, 107403. **Scopus Q1, ISI IF: 6.607**
6. Ghallab A., Saif M.H., Mohsen A. (2021). Data Integrity and Security in Distributed Cloud Computing— Review. In: Gunjan V.K., Zurada J.M. (eds) Proceedings of International Conference on Recent Trends in Machine Learning, IoT, Smart Cities and Applications. Advances in Intelligent Systems and Computing, Springer, vol 1245. **Scopus Q3**
7. Ayache A, Alameri A, Ghallab A, Modabish A. (2020). Wiener polynomial and Wiener index of conical graphs. Sylwan Journal, 164(3):107-116. **Scopus Q3, ISI IF: 0.624**
8. Ghallab, A., Mohsen, A., & Ali, Y. (2020). Arabic sentiment analysis: A systematic literature review. Applied Computational Intelligence and Soft Computing. **Scopus Q2, ISI IF: 2.103**
9. Altabeeb, A. M., Mohsen, A. M., & Ghallab, A. (2019). An improved hybrid firefly algorithm for capacitated vehicle routing problem. Applied Soft Computing, 84, 105728. **Scopus Q1, ISI IF: 5.761**
10. Ghadah M. A. Adel & Abdullatif Ghallab (2014). Performance Comparisons of Online Plagiarism Detection Software in Arabic Theses, International Conference on e-Commerce, e-Administration, e-Society, e-Education and e-Technology (e-CASE & e-Tech 2014), Nagoya, Japan.
11. M. Hadwan, M. Ayob, A. Ghallab, A. Alabbadi (2014). Annealing Harmony Search Algorithm to Solve Nurse Rostering Problems, The Mediterranean Conference for Academic Disciplines will be held at the Grand Hotel Excelsior, Valletta, Malta.
12. S. Alhazbi, A. Ghallab (2010). Toward Easy Integrable Component-based Software Systems, in proceedings of 6th International Computing Conference in Arabic (ICCA'10), May 2010, Hammamet, Tunisia.
13. Mohsen, A. M., Khader, A. T., Ramachandram, D., & Ghallab, A. (2009). [Finding the Minimum Free Energy RNA Secondary Structures Using Harmony Search Algorithm](#). World Congress on Science, Engineering and Technology WCSET 2009, Singapore.
14. Mohsen, A., Khader, A., Ramachandram, D., & Ghallab, A. (2009). [Predicting the Minimum Free Energy RNA Secondary Structures using Harmony Search Algorithm](#). World Academy of Science, Engineering and Technology, International Journal of Computer, Electrical, Automation, Control and Information Engineering, 3, 2140-2146. **Scopus**
15. M. Mohsen, A. T. Khader and A. Ghallab (2009). The Effect of Using Different Thermodynamic Models with Harmony Search Algorithm in the Accuracy of RNA Secondary Structure Prediction, International Conference of Soft Computing and Pattern Recognition (SOCPAR '09). IEEE Computer Society, USA, 505–510. **Scopus**
DOI: [10.1109/SoCPaR.2009.102](https://doi.org/10.1109/SoCPaR.2009.102) URL: <https://doi.ieeecomputersociety.org/10.1109/SoCPaR.2009.102> URL: <https://dl.acm.org/doi/10.1109/SoCPaR.2009.102>
16. A. M. Mohsen, A. T. Khader, A. Ghallab (2008). Genetic Algorithm with Multiple Crossover Rates, National Conference on Information Retrieval and Knowledge Management (CAMP 08), Kuala Lumpur, Malaysia.

17. A. M. Mohsen, A. T. Khader, A. Ghallab (2008). Self-Adaptive GA for RNA Secondary Structure Predication. National Conference on Information Retrieval and Knowledge Management (CAMP 08) Kuala Lumpur, Malaysia.
18. Ghallab A. and Khader A. T. (2005). Genetic Algorithm with Multiple Mutation Rates, International Conference on Quantitative Sciences and its Applications 2005 (ICOQSIA 2005), Faculty of Quantitative Sciences, Malaysia.
19. Ghallab A. and A.T. Khader (2005). The Effectiveness of Different Initializations on Genetic Algorithm Convergence, In Proceeding of 2nd International Conference on Research and Education in Mathematics 2005 (ICREM2), Selangor, Malaysia.
20. Ghallab A., A.T. Khader and A. Samsudin (2004). Evolutionary Algorithms Parameter Controls, Proceeding of Computer Science Postgraduate Colloquium, Penang, Malaysia.
21. Abdullatif Saleh Ghallab, Taher Homeed (2002). Secure Encryption System, Journal of Science and Technology, Vol 7, <https://journals.ust.edu/index.php/JST/article/view/238>

TECHNICAL REPORTS & OTHERS

22. Khader, A.T. and Ghallab A, Computational Intelligence Applications in Bioinformatics, **Technical Report submitted to** Professor Dr. Rahmat Budiarto, School of Computer Sciences, Universiti Sains Malaysia (USM), December 2005.
23. Rahmat Budiarto and Ghallab A., Network Intrusion Detection System Benchmarking, **Technical Report submitted to** Professor Dr. Rahmat Budiarto, School of Computer Sciences, Universiti Sains Malaysia (USM), October 2010.
24. Ghallab A., Simultaneous Adaptation of Multiple Genetic Algorithm Parameters Using Fuzzy Logic Controllers, **Ph.D. Thesis**, Universiti Sains Malaysia, Malaysia, Penang, 2010.
25. Ghallab A., Secure Encryption System, **M.Sc. Thesis**, University of Science and Technology, Sana'a, Yemen, 2001.

SUPERVISION AND EVALUATION (Graduation Projects & Postgraduate Research)

Graduation Projects: Supervision and Evaluation

Tens of the final year projects cover different applications' areas of the Information Systems, IT, and Computer Science.

During work at the **University of Science and Technology & University Utara Malaysia**, from 1997 - now, I have supervised **more than 60 final year project** in the different programs: Diploma of IT, Computer Science, E-Commerce, Accounting Information System, Management Information Systems and Information Technology.

These projects covered the following areas/Titles:

- **Database Applications** such as:
 - Registration System by Oracle, Interactive Database through Internet by Oracle 8i, Hospital System,
 - Accounting, e-archiving and content management, workflow, healthcare, universities, schools, hospitals, pharmacies, warehousing, procurements and sales.
- **Web Systems** such as:
 - Bank customer services via the Internet, Taxi on demand using GPIS, and website for scientific journal reviewing.
- **E-Commerce, E-Business Systems, & Networking** such as:
 - e-auctions, Drugstore Database System, Computer Registration System for School, Store Database System, Distance Education through Internet for Learning SQL, University Registration System Using Oracle
 - Computer Interactive System for Teaching Pascal Language (CAL),
 - Help Desk Systems for Computer Centre Management, National ID System, Balanced Score-Card System for University Strategic Management.
 - Transition from IPv4 to Ipv6 by GNS3 Emulation: Yemen PTE as a Case Study

Major Software Products from Undergraduate Projects

- **Balanced Score Card Information Systems for the UST Strategic Plan Management** (still being used by UST)
- **Smart Archiving System** (used by UST)
- **Electronic Library System** (sold by students to a private organization & student employed there)
- **Integrated School Management System** (can be used by ministry of education & public schools)

Postgraduate Research: Supervision and Evaluation

Supervision: Master & Ph.D.

Current	Title of Thesis/ Project, & Role	Degree	Year
1. Mohammed Qadaha	Assessment of Mobile Apps Usability: Yemen Services Industry as a Case Study	MSc	Current
2. Sami Aljawdah	Arabic Social Media Analytics for COVID-19 Effects on Higher Education	MSc	Current
3. Rasha Alquhali	An Improved Hybrid Machine Learning Algorithm for Heart Disease Prediction	MSc	Current
4. Ahmed Albakali	Hybrid Machine Learning for Predicting DDoS Attacks in Software Defined Networks	MSc	Current
5. Mohammed H. Saif	Trust and Security Management in The Cloud Computing, A Second Supervisor	PhD	Current
6. Abdullah Darwish	Machine Learning Techniques for Fraud Detection in Telecoms Industry, OUM	MSc	Current
7. Maeen Al-Sharafi	Accessibility and Usability Evaluation of Universities' Websites in Yemen, OUM	MSc	Current
Completed	Title of Thesis/ Project	Degree	Year
1. Ali Hasan Almuzaiqer	Adoption of Open Source ERP by SMEs in Yemen, A Second Supervisor	PhD	2021
2. Yusuf Abdo Mohammed Ali	Arabic Sentiment Analysis Model for Evaluating Higher Educational Institutions	MSc	2020
3. Khalid Alhusam	Assessing Knowledge Management Maturity of Telecoms Companies in Yemen	MSc	2020
4. Mohammed Taher Qaid Ali	Knowledge Management Readiness of the Telecom and Banking Sectors in Yemen	MSc	2019
5. Ahmed Abdullah Farhan Mahyoub	The Impact of IT on the Knowledge Management through the Perceived Usefulness: A Field Study at Yemeni Banks, A Second Supervisor	PhD	2019
6. Ahmed Sharaf Al-Deen	Critical Success Factors of ERP Systems Implementation's Projects ERP in Yemeni Small and Medium-Sized Enterprises	MSc	2019
7. Mohammed Ali Saleh Al-Sawti	Factors Affecting Employees' Compliance with Information Security Policies: A Case Study of Islamic Banks in Yemen	MSc	2019
8. Fawaz Altaj	Critical Success Factors for Humanitarian Projects in Yemen	MBA	2019
9. Ahlam Saleh Ahmed Al-Khalqi	Assessment of The CIO Roles and Responsibilities: An Empirical Study in Yemeni Telecommunications Sector	MBA	2019
10. Manal Al-Mansori	Usability at Learning Management System Moodle from University Students Perspective: A Case Study UST-Yemen, A Second Supervisor	MSc	2019
11. Hani Mohammed Alwatah	Mobile Subscriber Behavior Analysis Solution	MSc	2018
12. Hesham Abdulhalim Ali Saeed	Framework of VSAT Internet Connectivity for Humanitarian Organizations in Yemen	MSc	2018
13. Maged Abdulrahman Hanash	A Comparison Study of the Quranic Question Answering Techniques	MSc	2017
14. Mohammed Mosleh Ahmed Dahan	The Challenges of Adopting Cloud Computing at Higher Education Institutes in Yemen	MSc	2017
15. Fadhl Mohammed Ahmed Al-Odaini	The Impact of Service Quality, Price Fairness and Corporate Image on Customer Satisfaction in Mobile Companies in Yemen	MBA	2016
16. Amr Abdulkareem Ahmed Saba	The Impact of Position Challenges and Opportunities of Social Media on Marketing Communication in GSM Companies in Yemen	MBA	2016
17. Mohammed Essehaq Mohammed Mousa	Secured Cloud APIS Using Activity Analyzer	MSc	2016
18. Abdulsalam Naji Saleh Shaker	The Factors Affecting Internet Banking Adoption for Yemeni Commercial Banks' Customers: Yemen Commercial Bank as A Case Study	MBA	2015
19. Tareq Abdulhakim Ahmed Al-Maweri	Factors Influencing Mobile Banking Adoption in Yemen: Agricultural Credit (CAC) Bank as A Case Study	MBA	2014
20. Mymoona Dawood Abdulmalek Al-Hidabi	Influential Factors for RFID Technology Adoption Intention for Fast Moving Consumer Goods Organizations in Yemen	MSc	2014
21. Abdulkarimyahya Abo Hatem	Investigate the Difficulties of Utilization E-Learning (Case Study at General Telecommunications Institute in Yemen)	MSc	2014
22. Mosaad Abdullah Yahia Mohammed	Inferencing New Mapping in Peer to Peer Data Integration	MSc	2013
23. Asmaa Sheikhan Aldobaee	Investigating the Possibility of Applying Smart Identity Card in Yemen	MSc	2013
24. Nashwan Mustafa M. Abdullatiff	Enhancement The E-Government Network Security: Infrastructure of Yemen E-government Gateway as A Case Study	MSc	2013

25.	Nada Alawi Saleh Alsalami	Investigating Customer Satisfaction on Applying E-CRM In Banking Industry in Yemen	MSc	2012
26.	Ghadah Mohammed Abdullah Adel	A Comparison of Online Plagiarism Detection Software in Arabic Theses	MSc	2012
27.	Mohammed Abdu Farhan Ali Alsharabi	Improving It Auditing in Yemen	MSc	2012
28.	Yasmin Mohmmmed Ahmed Sultan	Assessment of The Workflow Management System for Banking Quality Services: A Case Study of Agricultural and Cooperative Credit Bank (CAC Bank)	MSc	2011
29.	Abdulsalam Jassar M. Kassim	WAP System for University Learning Management System	MSc	2011

Evaluation: Master & Ph.D.

	Students	Title of Thesis / Proposal	Degree	Year
1.	Abdulnaser M. Alabbadi	An Alignment PID Optimization Approach for Active Management TCP Networks Proposal, Thesis	MSc	2016, 2021
2.	Redwan Abass Hussin Aldilami	A Model of Setup Enhancement for Delay and Cost of Cloud Task Scheduling, Proposal, Thesis	PhD	2016, 2021
3.	Mohammed Nasser Abdullah Al-Dowail	Methodological Framework for Analyzing Emergency Department Processes Using Process Mining Techniques	PhD	2021
4.	Abdulhamed Roiss Mohsen Salem	Enhancing Software Quality using Fault-Prediction Based on Machine Learning Algorithms, Proposal	MSc	2021
5.	Alia Mater Qaid M. Al-Towaity	The Impact of Social Media on the Patients' Loyalty at Health Services: A Field Study of Outpatient Departments at Sana'a Private Hospitals	MSc	2020
6.	Ahmed Alhashidi	Enhanced Bat Algorithm to Solve Job Shop Scheduling Problem, Proposal	MSc	2020
7.	Huda Mohammed Abdo Ghanem	Measuring System Performances Using ERP Systems & Key Performance Indicators	MSc	2019
8.	Hanan Majed Saleh Al-Gammal	Impact of Integrating ERP-Business Intelligence Systems on Enhancing Decision Making: Yemeni Public Telecommunication Corporations as A Case Study	MSc	2019
9.	Mohammed Hamood Mohammed Al-Bazel	Protecting Confidentiality of Information Online Sharing Using Attribute Based Access Control and Cryptography	MSc	2019
10.	Ibrahim Mohammed Abdaljalil Amer	Evaluation the Role of Information Technology and Knowledge Management for Achieving a Competitive Advantage in Yemeni Banks	MSc	2019
11.	Asma Gamal A.warth Al-Sharjabi	A Systematic Selection Framework for Software Testing Tools, Proposal, Thesis	MSc	2017, 2019
12.	Algarash Basheer Abdullah Noman	An Alert Prediction Model for Cloud Bottleneck Monitoring	MSc	2019
13.	Asma Mohammed Ali Altabeeb	An Improved Firefly Algorithm with Global and Local Search for Capacitated Vehicle Routing Problem, Proposal, Thesis	MSc	2016, 2018
14.	Khalil Mahmood Ahmed Naji	Broadband Service Development: Critical Success Factors of Adopting Network Infrastructure Sharing Strategy in Yemeni Telecom Sector	MBA	2018
15.	Afaf Ali Abdulmalik Kadi	Personal Information Privacy on Social Networking Sites	MSc	2018
16.	Murad Ali Mhammed Musleh	Detection and Mitigation of DOS/DDOS Attack in Software Defined Network	MSc	2018
17.	Abdulrahman Mubarak A. Barouis	Performance Analysis of Software Defined Networking (SDN)	MSc	2017
18.	Mohammed Abdo Hassan Alhanash	Self-Healing Control: Monitor, Analysis, And Control ICMP Flows in Software-Defined Networks	MSc	2017
19.	Waleed Mahdi Thabit M. Al-Shureifi	The Impact of Start-Up Motivations and Political Stability on Entrepreneurial Aspirations in Yemen	MBA	2016
20.	Najwa Abdulrhman Ali Ahmed Dubais	The Impact of Entrepreneurs' Characteristics on The Success of Small and Medium Enterprises (SMEs) in Yemen	MBA	2016
21.	Jameel Taha M. Al-Hitar	Critical Success and Failure Factors of E-Government in Yemen	MBA	2017
22.	Bassam Hamoud Ahmed Farhan	User's Privacy Assessment in Social Media Networks	MSc	2017
23.	Majed Abdulrahman Ghialn Al_Akhlay	Fixing User Privacy Related Issues In [AKA] Protocol	MSc	2017

Students	Title of Thesis / Proposal	Degree	Year
24. Abdurahman Hasan Al-Abdali	E-Learning Adoption in Open Learning Programs: Case of Some Saudi's Universities	MSc	2016
25. Abdulkareem Alsabri	Development of A Web-Based Project Progress Reporting Solution (PPRS)	MSc	2016
26. Adeeb Jameel Othman Al-Ariky	Investigation of Intention to Use E-Commerce by Consumers in Yemeni Market	MBA	2016
27. Nedhal Farhan Naji Alnusairi	The Impact of E-Service Quality on Customer Satisfaction: A Study of Online Shopping in Yemen	MBA	2016
28. Yousef Ghaleb M. Alkhodani	Adopting Cloud Computing in The Yemeni Public Sector, Opportunities and Challenges	MSc	2016
29. Yahya Mohsen Hussein Al-Amlahi	An Artificial Neural Network Based Approach for Spam Email Filtering	MSc	2016
30. Wagdi Kassim Mahmmod Alhamadi	System Concept for Off-Line Segmentation of Arabic Alphabet-Based Handwriting	MSc	2016
31. Labib Mohammed Farea Al-Thalaia	Analysis of Location Privacy in LTE and Proposed Solution	MSc	2016
32. Essam Ahmed Mohammed Al Ofairi	A Proposed Model for Organizing the Role of It-Solutions in Bridging the Gap Between the TVET Graduates and The LMD In Yemen	MSc	2016
33. Diya M. Abdullah Saleh Al-Muntaser	Development of Cross-Platform Video Publishing System	MSc	2016
34. Rashad M. Abdullah M. Al-Shaibani	The Relationship Between Over Top Applications and Mobile Networks Operators' Revenue from Employees' Perspective: A Case of GSM Mobile Networks in Yemen	MBA	2016
35. Erum Naz	Surgical Inpatients Satisfaction with Health Services in Private Hospital in Yemen	MBA	2015
36. Ammaar Mohamed Eissa	Evaluation of Typical SDN Network Behavior for Achieving Optimum Resources Utilization Using Floodlight and Mininet	MSc	2016
37. Yahya Yahya Ahmed Al-Tawili	Integrating University of Science and Technology's Information Systems Using Web Service Technique	MSc	2015
38. Abdullah Saleh Mohsen Al-Measar	The Impact of Business Intelligence Usage with ERP Systems on The Process of Decision Making: A Study on Telecom, Oil and Gas Companies in Yemen	MSc	2015
39. Bander Ahmed Mohamed Azzan	The Impact of Social Networks in The Undergraduate Education Process	MSc	2015
40. Sadek Saeed Farhan	Evaluation of Business Continuity and Disaster Recovery Plans in Yemeni Banks	MSc	2015
41. Sultan Ali M. Alhamdani	Evaluating Android Security Application's Mechanisms for Preventing Malicious Software Threats	MSc	2015
42. Nadia Abdullah Moqbal Al-Akhram	The Impact of Smartphone Communication Applications on Telecommunication Companies Revenue in Yemen	MBA	2015
43. Faisal Bahram Ahssan Ali	Teleworking and Its Impact on Telecommunication Companies' Productivity in Yemen	MBA	2015
44. Akram Abd Ulaqqeeb Al-Werafi	The Impact of Information Technology, Information Quality on Implementation of Business Process Management: A Case of Sabafon Company	MBA	2015
45. Mohammed Iqbal Hassan Rashed	Cloud Computing Usage in Yemen Techniques to Optimize Data Centers and Business Problems Case Study: Mobile Telecoms Companies, Big Banks and Software Companies in Yemen	MSc	2015
46. Abdalnaser Hussein Al-Wali	E-Governance and Its Impact on The Government Performance and The Reduction of Financial and Administrative Corruption in Yemen	MSc	2014
47. Murad Nasser Mohammed Yaslam	Evaluation of Workload Management Practicing in Nursing Department at University of Science and Technology Hospital	MSc	2014
48. Abdulhakeem Saif Muhaya Abdualhak	The Relationship Between Leadership Styles and Development of Total Quality Management in Yemeni Hospitals: Al-Thawra and UST Hospitals as a Case Study	MBA	2014
49. Amani Abdualhaq Murshed	The Success Factors of ERP System in The UNICEF Organization	MBA	2014
50. Arwa Omer Bamass	The Impact of Perceived Usefulness, Perceived Ease of Use and Perceived Risk on Adoption of E-Banking Services in Sana'a	MBA	2014
51. Fatima Mohammed Al-Rae'e	The Impact of Information Technology on Gaining Competitive Advantage in Banking Sector in Yemen	MBA	2014
52. Redhwan Ali Amer	The Impact of Information Technology Adoption on The Employee Productivity in Nongovernmental Organizations in Yemen	MBA	2014
53. Rashad Khatan	Web Caching for Quality of Service Enhancement	MSc	2013
54. Bandar Alraimi	Performance Comparison Between Proactive and Reactive Multipath Routing Protocols in Ad Hoc Networks: AOMDV and OLSR as Examples	MSc	2013
55. Sahar Omar Abduljalil Al-Harithi	Embedded and Multi Embedded Variants of Harmony Search Algorithm for Solving Traveling Salesman Problem	MSc	2013

Students	Title of Thesis / Proposal	Degree	Year
56. Waseel Iqbal Hasson Rashed	The Evaluation of Using Virtualization Techniques to Optimize Data Centers - Case Study: Mobile Telecommunication Companies in Yemen	MSc	2013
57. Mohammed Hayel Sharaf Ali Al-Hakimi	Channel-Hopping Defense Against Jamming Attack in Multi-Radio Wireless 802.11 Networks	MSc	2013
58. Wedad Abdurqaeeb Ahmed Al-Sorori	New Caledonian Crow Learning Algorithm to solve continuous optimization problems: New Meta-Heuristic Algorithm, Proposal	PhD	2018
59. Osamah Khaled Mohammed Ali	Sentiment Analysis in Arabic, Proposal	MSc	2019
60. Ammar Mohammed Bahadelah	The impact of Human Resource Information Systems (HRIS) on The Employees' Performance of Organization: A field study on the Middle East and North Africa for the beverage industry in Jeddah, Proposal	MBA	2019
61. Maryam Ali Yahya Ali Al-Kuhlany	Assessment of the Instructors' Acceptance and Behavioral Intention to Use Learning Management System, Proposal	MSc	2018
62. Belal Abdulrahman Al-Shuja	The impact of Management Information Systems in the Successful Implementation of E-Management: A Field Study of Yemeni Mobile Telecoms Sector, Proposal	PhD	2018
63. Wadee Al-Qubati	Model NLP for Arabic Language, Proposal	PhD	2017
64. Naseebah Maqtary	Group Formation Techniques in Computer-Supported Collaborative Learning, Proposal	PhD	2016
65. Nabil A. M. Almekhlafi	An Integrated Framework for Cloud Computing Adoption in Higher Education Institutes, Proposal	PhD	2016
66. Hussein Al-Khadher Ahmed Abdullah	MINING PARALLEL ASSOCIATION RULES FOR BIG DATA BY MAPREDUCE, Proposal	PhD	2016
67. Ali Hussein Ali Hussein Al-Ashwal	Problems of The Virtual Entrepreneurship- Field Study on The Republic of Yemen E-Commerce from Entrepreneurship Perspective, Proposal	PhD	2015

CERTIFICATES. TRAINING. WORKSHOPS. AND SPECIAL PROGRAMS

Training Program Name	Date	Country
Development Undergraduate Computing Programs according to National Academic Reference Standards (NARS), Council for Accreditation & Quality Assurance, Ministry of Higher Education and Scientific Research. Arab University for Science and Technology, Sana'a, Yemen	Jun 2021	Yemen
Information Technology Training Journey, Coordinator and Supervisor of the undergraduate students Training Journey to Ataturk University, and Istanbul Medeniyet University	Feb 2015	Turkey
Training Workshop on the "Mubadarah - Coaching Entrepreneurs", 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 "Prepare a Document for Self-Evaluation of Academic Programs", QAA, Ministry of Higher Education and Scientific Research	Oct 2014	Yemen
Training Courses and Workshops on "Development Curricula and Course Portfolio Preparation", 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 "Quality and Academic Accreditation", Self-assessment at universities, Academic Accreditation Council (AAC), Ministry of Higher Education and Scientific Research	Jan 2014	Yemen
Training Courses & Workshops on "Market Within Development Programs", joint programs in labour market & Development Program Description Document, Education & Learning Centre, UST	Dec 2013	Yemen
Training Course on the "Completion of Accreditation and Quality Assurance Standards", 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 "Ensuring Quality of the Information Technology Academic Programs", Colleges of Computing and Information Society (CCIS), Association of Arab Universities (AAU)	Jul 2013	Yemen
Seminars about "Curriculum Development According to Accreditation Standards", Colleges for Computer and Information Society (CCIS), Association of Arab Universities (AAU)	Jul 2013	Yemen
Workshop on the "Quality Assurance in Higher Education in the Arab World", Enhance quality of higher education institutions in Yemen, Colleges for Computer and Information Society (CCIS), Association of Arab Universities (AAU)	Jul 2013	Yemen
University Strategic Planning According to Balanced Score-Card Workshop	Jun 2012	Yemen
Life Engineering and Making the Effectiveness course, Consultations & Development Centre, UST	Feb 2011	Yemen
Seminar in Bioinformatics, School of Computer Sciences, USM, Malaysia	2010	Malaysia
Knowledge Discovery & Data Mining Techniques Workshop, USM, School of Computer Sciences, USM, Malaysia	2010	Malaysia

Training Program Name	Date	Country
Researching Methodology , School of Computer Sciences, USM, Malaysia	2010	Malaysia
Workshop in Natural Language Processing , School of Computer Sciences, USM, Malaysia	2010	Malaysia
Scientific Writing Workshops, Institute for Graduate Studies (IPS), USM, Penang	2006, 2008	Malaysia
Workshop on Computer Security , School of Computer Sciences, USM, Malaysia	2009	Malaysia
Relationship between Student & Supervisor Workshop, School of Computer Sciences, USM, Malaysia	2009	Malaysia
Research Methodology, Statistics Statistical Analysis using SPSS Workshop, Yemeni Students Association, USM, Penang	2008	Malaysia
Research Methodology Workshop, Institute for Graduate Studies (IPS), USM, Penang	2007	Malaysia
Academy of Management Doctoral Student Consortium Participant 2007	2007	Malaysia
National Postgraduate Colloquium 2005, School of Computer Sciences, USM, Malaysia	2005	Malaysia
1 st USM Postgraduate Colloquium 2004, School of Computer Sciences, USM, Malaysia	2004	Malaysia
Internet Applications training course	2002	Yemen
Training Program on Education Methods and Techniques	2002	Yemen
Training Program on Methods and Techniques of the Assessment at University	2002	Yemen
Training Courses on Oracle Language (SQL, PLSQL, & Oracle Developer 2000), Ministry of Planning and International Cooperation	2001	Yemen
Computer Networks Management training course	2000	Yemen
Programming of Legacy 2000 Device for Sending Fax through Internet training course	1999	Yemen
Web Pages Design training course	1998	Yemen
Software Systems Planning training course	2002	Yemen
Training course on Informix Database Management Systems Programming	1997	Iraq
Training course on Computer Maintenance (software & hardware)	1996	Iraq

LANGUAGES

English	Very Good
Arabic	Excellent
Bahasa Malaysia	Fair

References Available to Contact

Reference	Relationship	Contact Details
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