


MIDDLE TECHNICAL UNIVERSITY - IRAQ

Dr. Khelood A. Mkalaf		
Department	Techniques of Materials Management	
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Publons	https://publons.com/researcher/1707160/khelood-a-mkalaf/publications/	
Research Gate	https://www.researchgate.net/profile/Khelood_Mkalaf	
Scopus	https://www.scopus.com/home.uri	
Google Scholar	https://scholar.google.com/citations?user=GBPi6AMAAAJ&hl=en	

Qualifications:

- ⊕ Ph.D. (2016) Operation and production management" "Maintenance Technology", The University of Wollongong, Faculty of Engineering & Information Sciences, School of Mechanical, Materials, Mechatronic and Biomedical Engineering, Australia.
- ⊕ M.Sc. (2001) "Operation and production management; Maintenance Technology" University of Baghdad/College of Administration and Economics, Iraq.
- ⊕ B.Sc. (1997) "College of Administration and Economics" University of Baghdad, Iraq.

Fields of Interest:

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|---|------------------------------|
| ⊕ Maintenance Management Engineering Strategy* | ⊕ Biomedical Engineering* |
| ⊕ Innovation and Technology Management* | ⊕ Manufacturing Engineering* |
| ⊕ Quality Management and Continues Improvement* | ⊕ Risk Management |

Establishing new scientific departments

2021-2022	⊕ Department of Humanitarian Logistics Management Techniques
	⊕ Department of financial and banking management techniques
	⊕ Department of Marketing and E-Commerce Management Techniques
2020-2021	⊕ Department of Materials Management Techniques - Evening Studies

Member of the Examination Committee for postgraduate students, and supervising undergraduate students

2018-2021	⊕ Member of the Examination Committee for postgraduate students; Master's degree at the Administrative Technical College - Baghdad: Department of Operations Management Techniques dated [Aug. 23, 2021, May 5, 2020, Aug. 23, 2020, and Dec. 20, 2018]
2017-2023	⊕ Supervising undergraduate students at the Techniques of Materials Management Department, Technical Institute For Administration, MTU. Iraq.
2020-2022	Evaluation of a questionnaire for a master's degree, postgraduate students at the Administrative Technical College - Baghdad
2017-2022	⊕ Member of the Examination Committee at the Techniques of Materials Management Department, Technical Institute For Administration, MTU. Iraq.
2017-2022	Head of the Examination Committee for the projects graduated at the Techniques of Materials Management Department, Technical Institute For Administration, MTU. Iraq.

Editor/Reviewer:

2017-2022	⊕ Member with the A Reviewer in the Journal Materials Science Forum, Materials Today: Proceedings, Advances in Science, Technology & Engineering Systems Journal, ASTESJ, Clinical Audit, International Conference on Materials Engineering and Science, etc.
2020	⊕ Members of the Technical committee and reviewers in the International Conference on Industrial Technology and Management (ICITM 2020). University of Oxford, U.K.
2020	⊕ Member of the Technical Program Committee member of ICEIT2020. University of Oxford, United Kingdom.

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2019-2023	⊕ Members of the Technical committee and reviewers in the International Conference on Industrial Technology and Management ICITM 2023; ICITM 2022; ICITM 2021; ICITM 2020; and 2019, University of Cambridge, UK.
2019-2020	⊕ A reviewer at the International conference on materials, Engineering, and science (IConMEAS 2019, and IConMEAS 2020).
2019	⊕ Member of the committee for writing a draft book on professional ethics for specialties Technical Administrative, MTU. Iraq.
2018 to present	⊕ Member of the editorial board of the journal Technical. MTU. Iraq.
2018-2020	⊕ Member with the office of scientific and consultative services, Technical Institute for Administration, MTU, Iraq.
2008	⊕ Editor and Review book "Know about your Business" in collaboration with the ILO, (Jordan).

Administration Position:

2017 to 2022	⊕ Head of Techniques of Materials Management Department, Technical Institute For Administration, MTU, Iraq.
2008/2009	⊕ An international expert in training (Know About your Business) programs, ILO, Iraq, and Jordan.
2002-2009	⊕ Assist Lecture in Technical Institute For Administration, MTU. Iraq.
2003-2004	⊕ Head of Low Administration Department, Technical Institute For Administration, Foundation of Technical Education, Iraq.
2002	⊕ Director of Administrative Affairs, Staff Development Center, Foundation of Technical Education, 2001.
1989-2009	⊕ Lecturer in the training courses held by; Colleges and technical institutes, Iraqi Ministries, and Government Departments, Iraq.
1989-2001	⊕ Executive Supervisor of the training programs planning, Staff Development Center, Foundation of Technical Education, Iraq.

Recent Publications

2022	Khelood A. Mkalaf, Rami Hikmat Al-Hadeethi, Ammar Al-Bazi (2022). Industrial Occupational Risks: Application Study in Renewable Energy Companies. <i>Advances in Industrial Engineering and Management</i> , 11(1): 20-28.
2021	Hilo, Sanaa Hasan, and Khelood A. Mkalaf. "Bankruptcy Prediction: Evidence-based Experiences in the Banks." (2022).
2020	Majeed, Hashim J., and Mkalaf, K.A., 2020, Investigation of the effect of individual attitudes during the application of the job rotation strategy at General Directorate of Traffic. <i>Talent Development and Excellence</i> , 12(2s), pp.2068-2084.
2020	⊕ Mkalaf, K.A., 2020, February. Total Productive Maintenance: A Safety Approach to Optimize the Anesthesia Device Outcomes. In 2020 9th International Conference on Industrial Technology and Management (ICITM) (pp. 122-126). IEEE.
2020	⊕ Evidence-Based Workplace Accidents: A Case Study at The Industrial Company, <i>International Journal of Scientific & Engineering Research</i> , Vol. 11, Issue 12, December 2020
2020	⊕ Using factor analysis to improve environmental management systems in the public hospitals, <i>Asian Journal of Science and Technology</i> , Vol. 11, Issue, 12, pp.11417-11423, December 2020.
2019	⊕ Mkalaf, K.A., and Al-Sabbagh, A.A.A., 2019, March. Failure Modes and Effects Analysis: An Integrated Approach for Optimizing Maintainability and Redesign for the Concrete Pump. In 2019 8th International Conference on Industrial Technology and Management (ICITM) (pp. 157-164). IEEE.
2019	⊕ ADMIN, J., 2019. EDITORIAL PAPER-MANAGEMENT. <i>Journal of Techniques</i> , 1(1), pp.4-5.
2013	⊕ Khelood A. Mkalaf, Peter Gibson, John Flanagan, (2013), A Study of Current Maintenance Strategies and the Reliability of Critical Medical Equipment in Hospitals in Relation to Patient Outcomes, <i>World Academy of Science, Engineering and Technology, International Journal of Management Science and Engineering</i> , Vol. (7) No.(10), pp. 77-84.
2003	⊕ Khelood A. Mkalaf and Dr. Haidar Al-Jubouri (2003), A Step of Designing A preventive Maintenance Program; A case study in Baghdad Teaching Hospital for Some Medical Equipment, <i>Journal of Babylon University</i> , Issue (9), No.(5).

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Conference:	
2022	11th International Conference on Industrial Technology and Management (ICITM 2022), St Anne's College, University of Oxford, United Kingdom, Feb. 18-20, 2022.
2021	2nd International Multi-Disciplinary Conference "Integrated Sciences and Technologies", 7-9 Sept. 2021, Sakarya, Turkey Control Venue: Southern Technical University, Basrah, IRAQ
2021	9th International Scientific Conference on "Sustainable Development through the Qualitative Education and the Digital Revolution ", Baghdad College of Economic Sciences University on January 6, 2021.
2021	2ed International Conference on E-Learning, Ministry of Higher Education and Scientific Research, Ministerial Team, May 7-8, 2021
2021	Conference of "the Universities and educational institutions and their effective role in establishing the principles of peaceful coexistence and community peace", Northern Technical University, 13-14 March 2021
2021	Annual International QEAAAS Conference, "Shaping of Education Future in the Fourth Industrial Revolution", 27-28 Feb. 2021.
2021	5th International Scientific Conference of the College of Administration and Economics, University of Al-Qadisiyah, 7-8 Sept. 2020.
2020	✚-ICITM 2020, March 2-4, 2020 9th International Conference on Industrial Technology and Management (ICITM), University of Oxford, United Kingdom, ICITM 2020 Conference proceedings IEEE Explore, (<i>with paper published</i>).
2019	✚-ICITM 2019, March 2-4, 2019 8th International Conference on Industrial Technology and Management (ICITM), University of Cambridge, Cambridge, United Kingdom, ICITM 2019 Conference proceedings IEEE Explore, with <i>publishing paper</i> .
2018	✚- (IACQA' 2018), April 11-13, 2018, 8 th International Arab Conference on Quality Assurance in Higher Education, Lebanese International University, Lebanon, (<i>attended conference</i>).
2017	✚- The 16th, scientific conference for the Faculty of Medicine, College of Medicine, the University of Baghdad (<i>attended conference</i>).
2013	✚- Khelood A. Mkalaf, Peter Gibson, John Flanagan, A Study of Current Maintenance Strategies and the Reliability of Critical Medical Equipment in Hospitals in Relation to Patient Outcomes, World Academy of Science, Engineering and Technology, IJ MSE, Vol:7 No:10, pp. 77-84, (<i>with paper published</i>).
2003	✚- First Engineering Conference of Postgraduate Students in 17-18 Feb. 2003, University of Babylon, College of Engineering (<i>with paper published</i>).
Academic Book	
2019	"Professional ethics". This is a draft academic book done by a scientific committee, for the subjects taught at Techniques Management Departments at the Technical colleges and Institutes. Middle Technical University. Iraq. (Arabic Language).
2017	"Management Readings". This is a draft academic book done by the author on scientific subjects taught in the Department of Technology Management - Technical Institutes (English).
2008	"Know About your Business" This is a draft academic book done by a scientific committee as a part of the cooperation between MTU and ILO, for the subjects taught at Techniques Management Departments at the Technical colleges and Institutes (Arabic Language).
Recent Prizes:	
2020	✚ Entrepreneur Researcher from the portal ARID. ✚ Activist Researcher from the portal ARID.
1990-2022	✚ Obtaining (69) Acknowledgement letters from; From the MTU Chancellor, From the Dean of the Technical Institute For Administration, and From Dean of the Technical College of Management/Baghdad.
1989-2009	✚ Obtaining several financial rewards and more than 33 Acknowledgement letters from; the Head of the Foundation of Technical Education, the Dean of the Technical Institute For Administration, the Dean of the Institute of Technical Medical, the General Director of the Staff Development Center & other Iraqi Ministries and Government Organizations.
2001	✚ A financial reward from the Iraqi Ministry of Health & University of Baghdad, due to achieving a Rare subject for the Iraqi Ministry of Health.

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Invited lectures:

2016 - 2023	⊕ English Reading, Technical Institute For Administration, MTU, Iraq.
2018-2019	⊕ Principles of Management, Technical Institute For Administration, MTU, Iraq.
2008/2009	⊕ Know About your Business, Technical Institute For Administration, Iraq.
2007-2009	⊕ Production and Operation Management, Technical Institute For Administration, Iraq.
	⊕ Administrative Information System, Technical Institute For Administration, Iraq.
2006/2007	⊕ Computer Applications, Technical Institute For Administration, Iraq.
2005/2006	⊕ Business correspondence and how to write administrative reports, Technical Institute For Administration, Iraq.
2004-2006	⊕ Microsoft Word Applications, Technical Institute For Administration, Iraq.
2003/2004	⊕ Ceremonies Management, Technical Institute For Administration, Iraq.
2002-2003	⊕ Maintenance Technology, Technical College of Management, Baghdad, Iraq.
2002-2003	⊕ Principles of Management, Technical Institute For Administration, Iraq.
2001-2004	⊕ Hospitals Management, Institute of Technical Medical, Iraq.
2001-2003	⊕ Writing Research and Report, Technical Institute For Administration, Iraq.
2001-2002	⊕ Application in the labor Iraqi Law, Institute of Technical Medical, Iraq.

Professional Activities:

2019-2022	– Member of the Committee of Experts on Materials Management Techniques, MTU, Iraq.
2021 to present	– Member of the academic subcommittee (within the project to invest the energies of scholarship students)
2021-2022	– Member of the Committee for the Establishment of the Department of Logistics and Humanitarian Support
2021-2022	– Member of the AREX Scholarship Committee for the development of technical and vocational programs in professional fields (agriculture-technical crafts and hospitality)
2021-2022	– Head of the Scientific Research Accreditation Committee
2017-2022	– Chairman of the Scientific Committee in the Department of Materials Management Techniques
2017-2022	– Training Committee for students of the Department of Materials Management Techniques
2019-2021	– Member of the Scientific and Consulting Services Office, Technical Institute For Administration, MTU, Iraq.
(2019)	– Member of Academic Accreditation Standards Committee (AACSB), Technical Institute For Administration, MTU, Iraq.
(2019)	– Lecture in the training course for postgraduate students entitled; Legal Plagiarism, Staff Development Center, Iraq.
(2018)	– Member of the Self-Assessment Committee, Technical Institute For Administration, MTU, Iraq.
2022	Lecture in the training course; Hospital Maintenance strategy: Evidence-Based experiences-The University of Western Australia in Perth, 13-5-2022
2017- 2022	– Lecture in the training course held in the Technical Institute For Administration, specifically on; The effectiveness of modern methods in writing scientific research, ISO9001, E-learning, designing electronic tests, Professional ethics, Research Gate, Occupational safety, health and the environment, Critical writing, scientific publication requirements, an introduction to the technical journal, how to find the right journal for the researcher, The modern technologies in warehouse management systems and inventory control, etc.
(2017)	– ISO9001, May 14 – 18, 2017, MTU, Training & Development Center, Iraq.
(2013)	– International Conference on Management Engineering, 7-8 Oct., 2013, Paris, France.
(2013)	– Introductory Statistics SPSS Course: "How To Analyse My Data" on 15-22 July 2013, University of Wollongong, NSW, Australia.

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(2013)	– Workshop: Health and Safety in the Faculty of Engineering and Information Sciences, UOW, 23 April 2013
(2012)	– Workshop on “TPM and Lean Annual Form”, 21-22 Sept., 2012, CTPM, Australia.
(2012)	– Statistical Computing Course: Introduction to SPSS – 19 July 2012, University of Wollongong, NSW, Australia.
(2012)	– Statistical Computing Course: An Introduction to SPSS, 22 Feb. 2012, University of Wollongong, NSW, Australia.
(2011)	– Course: EndNote- part 1 on 15 March, 2011, UOW, Australia.
(2011)	– Course: EndNote- part 2 on 22 March, 2011, UOW, Australia.
(2011)	– Course: Oral Presentations on 30 March, 2011, UOW, Australia
(2011)	– Course: Planning Your Research & Writing Project, 6 April. 2011, UOW, Australia.
(2011)	– Course: Advanced EndNote on 19 April, 2011, UOW, Australia.
(2011)	– Course: Effective Referencing on 28 April, 2011, UOW, Australia.
(2011)	– Course: Writing a Thesis Proposal & Literature Review, 5 May 2011, UOW, AU.
(2011)	– Course: Where do I publish? 12 May, 2011, UOW, Australia.
(2011)	– Workshop: Developing a Critical Argument on 19 May, 2011, UOW, Australia.
(2011)	– Course: Creating documents using MS Word for thesis writers: Part 1, 24 Aug. 2011, UOW, Australia.
(2011)	– Course: Creating documents using MS Word for thesis writers: Part 2, 31 Aug. 2011, UOW, Australia.
(2010)	– English course [ETS], One year, from 5/8/2009 to 26/6/2010, University of Wollongong College, NSW, Australia
(2005)	⊕– Curriculum Development, on 6-16 Mar. 2005, Staff Development Center, Iraq.
(2004)	⊕– Organizational Change Management on 3-5/4/2004, Staff Development Center, Iraq.
(2002)	⊕– Education Techniques on 26/1-20/2/2002, Staff Development Center, Iraq.
(2002)	– Management Method, 2-5/2/2002, Staff Development Center, Iraq.
(1999)	– Applications in Computer Programming, 10/7-12/8/1999, University of Baghdad, College of Business and Economics, Iraq.
(1998)	– WinWord program, 6-10/12/1998, Technical College Baghdad, Iraq.
	⊕– MS-DOS, Staff Development Center, Iraq.
(1997)	⊕– Advanced in learning the English Language, 6-24/12/1997, SDC, Iraq.
(1997)	⊕– Previews of learning the English Language, 1-26/11/1997, SDC, Iraq.
(1994)	⊕– Printers Maintenance, 25-29/6/1994, Staff Development Center, Iraq.
(1992)	⊕– English Language, 15-30/7/1992, University of Baghdad, College of languages, Iraq.
(1990)	⊕– Basic Program, 29/9-10/10/1990, Staff Development Center, Iraq.
(1989)	⊕– Learn Arabic Grammar, 27/5-8/6/1989, Staff Development Center, Iraq.