

# Dr. Alaa Mashan Ubaid

## Curriculum Vitae

### Personal Details

Name: Alaa Mashan Ubaid

Nationality: Iraq

Martial Status: Married

Address: University of Khorfakkan, Sharjah, UAE

Mobile: 0502309053

Email Address: alaa.ubaid@ukf.ac.ae

### Academic Qualifications

**Ph.D. in Engineering Management**, Industrial Engineering, and Engineering Management Department, College of Engineering, University of Sharjah, United Arab Emirates, Thesis entitled: "Excellence DNA: A Practical Framework for Organizational Excellence", May 2021 (Ranked 3rd - Sharjah Award for Doctoral Dissertations in Administrative Sciences in the Arab countries).

**M.Sc. in Production Engineering**, Department of Production Engineering and Metallurgy, University of Technology, Iraq, Thesis entitled: "Simulation of main factors affecting turning Operation for best machining", June 2002.

**B.Sc. in Production Engineering**, Department of Production Engineering and Metallurgy, University of Technology, Iraq, June 1999 (ranked 3<sup>rd</sup>).

### Employment History

#### Academic Appointments

**Assistant Professor, College of Business Administration**, University of Khorfakkan-Sharjah-UAE August 2024 to Present

**Associate Faculty (part-time teaching), Quality Management Program**, HBMSU-Dubai-UAE Nov-2023 to August-2024

**Adjunct Assistant Professor, Industrial Engineering and Engineering Management Department**  
College of Engineering-University of Sharjah-Sharjah-UAE May-2021 to August-2024

**Lecturer, Industrial and Mechanical Engineering Department** Al-Anbar Technical Institute-Foundation of Technical Education-Iraq. Jan-2005 to Jan-2007

## **Courses Teaching**

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### **Courses Taught**

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1. AutoCAD 2D & 3D.
2. Manufacturing Equipment Graphics.
3. Engineering Graphics.
4. Manufacturing process.
5. Metal Cutting Fundamentals.
6. Quality Control
7. Production management
8. Technology Management.
9. Total Quality Management.
10. Ph.D. seminar.
11. M.Sc. seminar.
12. International Business
13. Operation and Supply Chain Management
14. Leadership and Management
15. Public Sector Management
16. Organizational Behavior

## **Administrative Appointments**

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### **Senior Administrative Officer**

*April-2013 to August 2024*

College of Engineering-University of Sharjah-Sharjah-UAE

### **Sample of the Responsibilities:**

1. Participate in the accreditation reports preparation.
2. Member of the College Council.
3. Technical and financial evaluation of college requests such as lab equipment, consumables, computer software, and hardware.
4. College annual data analysis, evaluation, and annual report preparation.
5. Budget preparation and monitoring.
6. Participate in and coordinate strategic plan preparation.
7. Monitoring College Performance progress and maintaining an updated KPIs Dashboard
8. Member of many committees at the College level.

## **Industrial Appointments**

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### **Production Manager**

*June-2011 to April-2013*

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LINSCAN Advanced Pipeline & Tank Services-Hamriyah Free Zone-UAE.

**Senior Production Engineer** *Jan-2007 to June-2011*  
Everest Industrial CO. LLC. –UAE.

**Senior Production Engineer** *Dec-2002 to Jan-2005*  
AL-FARIS State Company-Baghdad-Iraq.

**Sample of the Responsibilities:**

- Production Planning, Control, and Management.
- Coordination of the Quality control activities with the Quality assurance department.
- Applying ISO standards and ISO certification
- Monitoring and coordination of the Quality Awards activities.
- Monitoring and coordinating the activities of applying TPM, 5S, and KAIZEN systems.

**Professional Membership & Activities**

**Professional Associations Memberships**

1. Member of the Iraqi Engineers Union
2. Member of IEOM Society International

**Serve as a reviewer in international journals and conferences**

1. International Journal of Automotive and Mechanical Engineering
2. IEEE Transactions on Engineering Management Journal
3. European Journal of Innovation Management
4. Journal of Engineering Science & Technology
5. Business Process Management Journal
6. International Conference on Decision Aid Sciences and Application (DASA)
7. Advances in Materials and Processing Technologies Journal
8. Surface Review and Letters
9. Decision Making: Applications in Management and Engineering
10. Management Review Quarterly Journal
11. Composite Interfaces Journal
12. Pakistan Journal of Scientific and Industrial Research
13. International Journal of System Assurance Engineering and Management
14. Supply Chain Analytics
15. Journal of Economic and Administrative Sciences
16. International Journal of Lean Six Sigma

**Organized events, workshops, or seminars**

1. College of Engineering research week (Organizing Committee member and paper presenter)
2. First Engineering graduate student research symposium (Organizing Committee member and paper presenter)
3. The International Symposium in Engineering and Business Administration (Organizing Committee member and paper presenter)
4. Industry 4.0 – A quality management perspective (Lecture delivered to graduate studies programs)
5. The First International Innovation X.0 Forum and SDP Exhibition
6. College of Engineering Strategic Retreat Day
7. The 17th International Conference on the Development in e-Systems Engineering
8. Entrepreneurship Workshop in Collaboration with Sharjah Innovation Entrepreneurship Center
9. The Hunt for the Diamonds competition for Innovation and Entrepreneurship

## **Professional Development**

1. Corrosion in industry
2. Engineering testing
3. Turning and milling technology
4. Teaching competency.
5. Total Productivity Maintenance (TPM)
6. Educational Leadership
7. Introduction to ANSYS Mechanical
8. Introductory training to ANSYS CFD
9. KAIZEN for industrial organization continuous improvement
10. How to Publish in High-Impact Journals
11. Managing smart enterprises using Artificial Intelligence (AI.)
12. Microsoft Excel 2016-Advanced
13. Cyber Security Training-Fraudulent shipping notifications
14. How to use the SPSS software
15. Building your Scholarship
16. Conducting your research
17. 3D printing workshop
18. Security Awareness Training-Mobile security training
19. Security Awareness Training-Protecting Against Ransomware
20. Security Awareness Training-Cyber Strength Assessment
21. Security Awareness Training-Security beyond the office
22. Security Awareness Training-Data protection
23. Heart saver ® First Aid course
24. The Effective Communication Skills Workshop
25. Spider impact system training
26. Understanding the future of generative artificial intelligence and higher education
27. Certificate of the online Educator 2
28. Certificate of faculty technical training course
29. 1 million Prompters Certificate
30. Gamification Certificate
31. AI Arab Researchers Training Course Certificate
32. Pearson-AI and assessment in Higher education
33. Professional Development Week training program

34. Pearson-game-based-learning  
 35. Pearson-teaching with AI

## Teaching Experience

### Courses Teaching

### Courses Taught

17. AutoCAD 2D & 3D.  
 18. Manufacturing Equipment Graphics.  
 19. Engineering Graphics.  
 20. Manufacturing process.  
 21. Metal Cutting Fundamentals.  
 22. Quality Control  
 23. Production management  
 24. Technology Management.  
 25. Total Quality Management.  
 26. Ph.D. seminar.  
 27. M.Sc. seminar.  
 28. International Business  
 29. Operation and Supply Chain Management  
 30. Leadership and Management  
 31. Public Sector Management  
 32. Organizational Behavior

## Conferences & Workshops

### Delivered Workshops and Seminars

1. Industry 4.0 – A Quality Management Perspective  
 2. The Critical Success Factors of the Highly Competitive Organizations workshop

## Research Interests

### Research Interest

- Organizational Excellence
- Performance Management

- Engineering management
- Optimization
- Sustainability
- Innovation management
- Industry X.0
- Water desalination systems management
- Project management
- Operation and Supply Chain
- AI applications in Engineering and Management

## Research Groups

- Machining Processes Optimization Research Group
- Water desalination research group/water desalination systems management
- Project Management Advances Research Group
- Engineering Management In the Digital Era Research Group

## Research Publications (Books, Journals & Conference papers)

### Publications

#### Journals

1. Ojiako, U., Al-Mhdawi, M. K. S., **Ubaid, A. M.**, Chipulu, M., Adedeji, T., & AlRaeesi, E. J. H. (2025). Intentional misrepresentations of project information: a state-of-the-art review. *Journal of Legal Affairs and Dispute Resolution in Engineering and Construction*.
2. Al Leem, M., Khalil, K. A., & **Ubaid, A. M.** (2024). Strategic and technological drivers of ambidexterity and sustainability: Impact assessment in UAE project-based public sector organizations. *Journal of Engineering Research*.
3. Albastaki, F. M., **Ubaid, A. M.**, & Rashid, H. (2024). Developing a Practical Framework for Applying the Work from Home Concept to Technical Jobs in Electricity Utilities Using the Unified Theory of Acceptance and Use of Technology. *Sustainability*, 16(11), 4610.
4. **Ubaid, A.M.** and Dweiri, F.T. (2023). Proposing a Smart Performance Management System for Production Workshop Based on Virtual Organizational Deoxyribonucleic Acid Concept. *Al-Nahrain Journal for Engineering Sciences*, 26(3), 244-265.
5. **Ubaid, A.M.** and Dweiri, F.T. (2023), "Developing an enhanced business process improvement methodology (EBPIM)", *International Journal of Lean Six Sigma*, Vol. ahead-of-print No. ahead-of-print. <https://doi.org/10.1108/IJLSS-07-2022-0154>.
6. **Ubaid, A.M.** & Mohammed, L.A. (2023) "The critical success factors of the Lean Six Sigma implementation: a systematic literature review", *International Journal of Business Excellence*, Entering publishing schedule.

7. **Ubaid, A.M.** (2023), "The critical success factors of the highly competitive organizations; a systematic literature review", The TQM Journal, Vol. ahead-of-print No. ahead-of-print. <https://doi.org/10.1108/TQM-11-2022-0333>
8. **Ubaid, A. M.** & Abdel-Razek, R. H. (2022). Technological Innovation: Classification Model and Future Research Agenda. International Journal of Intelligent Enterprise, Vol. 9, No. 4, 473-512. doi:10.1504/IJIE.2020.10029496
9. **Ubaid, A. M.**, & Dweiri, F. T., (2020). Business Excellence Models (BEMs): A Critical Review of the Models' Frameworks, International Journal of Business Excellence, Entering publishing schedule. doi: 10.1504/IJBEX.2020.10033666
10. **Ubaid, A.M.**, Dweiri, F.T. and Ojiako, U. Organizational excellence methodologies (OEMs): a systematic literature review. *Int J Syst Assur Eng Manag* 11, 1395–1432 (2020). <https://doi.org/10.1007/s13198-020-01017-3>
11. Alduroobi, A.A.A., **Ubaid, A.M.**, Tawfiq, M.A. et al. Wire EDM process optimization for machining AISI 1045 steel by use of Taguchi method, artificial neural network and analysis of variances. *Int J Syst Assur Eng Manag* 11, 1314–1338 (2020). <https://doi.org/10.1007/s13198-020-00990-z>.
12. Abdel-Razek, R. H., & **Ubaid, A. M.** (2019). Integrating innovation life cycle concept and innovation mapping technique to model industries' innovations. International Journal of Quality and Innovation, 4(3-4), 232-250. doi: 10.1504/IJQI.2019.10027309
13. **Ubaid, A.M.**, Dweiri, F.T. Business process management (BPM): terminologies and methodologies unified. *Int J Syst Assur Eng Manag* 11, 1046–1064 (2020). <https://doi.org/10.1007/s13198-020-00959-y>.
14. **Ubaid, A.M.**, Aghdeab, S.H., Abdulameer, A.G. et al. Multidimensional optimization of electrical discharge machining for high speed steel (AISI M2) using Taguchi-fuzzy approach. *Int J Syst Assur Eng Manag* 11, 1021–1045 (2020). <https://doi.org/10.1007/s13198-020-00951-6>.
15. **Ubaid, A.M.**, Dweiri, F.T., Aghdeab, S.H. and Al-Juboori, L.A., 2018. Optimization of Electro Discharge Machining Process Parameters With Fuzzy Logic for Stainless Steel 304 (ASTM A240). *Journal of Manufacturing Science and Engineering*, 140(1), p.011013, <https://doi.org/10.1115/1.4038139>.
16. **Ubaid, A.M.**, Dweiri, F.T. and Shuhail, K.A., 2016. Improving the quality of cold merchandising unit: an application of quality function deployment. *International Journal of Intelligent Enterprise*, 3(3-4), pp.327-344. doi: 10.1504/IJIE.2016.078637
17. Aghdeab, S.H., Mohammed, L.A. and **Ubaid, A.M.**, 2015. Optimization of CNC Turning for Aluminum Alloy Using Simulated Annealing Method. *Jordan Journal of Mechanical & Industrial Engineering*, 9(1), pp. 39-44

## Conferences

1. Fouzeya M. Albastaki, **Ubaid, A.M.**, Hamad Rashid, and Ahmed AlShamma'a, "Systematic Literature Review on the Work from Home Concept," 2022 5th European International Conference on Industrial Engineering and Operations Management Rome, Italy, July 26-28.
2. S. A. Khan, W. Ahmed and **Ubaid, A.M.**, "A Decision Support System for Logistics Performance Evaluation of Courier Company," *2020 5th International Conference on Logistics Operations Management (GOL)*, 2020, pp. 1-5, doi: 10.1109/GOL49479.2020.9314761.
3. Abuseem, A.J., Alzaabi, Y.J., Alhammadi, A.H., Dweiri, F.T., **Ubaid, A.M.** "Technology mapping: Definitions, types, and applications," Proceedings of the International Conference on Industrial Engineering and Operations Management, 2020, 0(March), pp. 377–386.
4. **A. M. Ubaid**, M. Sahban, O. Hammad, A. Ramadan, and R. Abdel-Razek, "Advancing Knowledge in Technological Innovation: Innovation Mapping Model," *2019 Advances in Science and Engineering Technology International Conferences (ASET)*, 2019, pp. 1-7, doi: 10.1109/ICASET.2019.8714545.
5. **Ubaid, A.M.** and Dweiri, F.T., "Excellent Performance Realization Methodologies (EPRMs): Elements and Framework," Proceedings of the International Conference on Industrial Engineering and Operations Management Bangkok, Thailand, March 5-7, 2019, pp. 233-241.
6. **Ubaid, A.M.** and Dweiri, F.T., "Virtual DNA (V-DNA) Applications: A Systematic Literature Review," Proceedings of the International Conference on Industrial Engineering and Operations Management Bangkok, Thailand, March 5-7, 2019, pp. 213-224.
7. **A. M. Ubaid** and F. T. Dweiri, "Sustainable systems integration by means of STEP-NC: Literature review," *2018 Advances in Science and Engineering Technology International Conferences (ASET)*, 2018, pp. 1-8, doi: 10.1109/ICASET.2018.8376883.
8. **A. M. Ubaid** and R. H. Abdel-Razek, "Patents' sustainability and patent system in engineering education: A framework and potential research gaps," *2018 Advances in Science and Engineering Technology International Conferences (ASET)*, 2018, pp. 1-6, doi: 10.1109/ICASET.2018.8376912.

## Research Profiles

1. [https://scholar.google.com/citations?hl=en&user=6Bg57IwAAAAJ&view\\_op=list\\_works&sortby=pubdate](https://scholar.google.com/citations?hl=en&user=6Bg57IwAAAAJ&view_op=list_works&sortby=pubdate)
2. <https://orcid.org/0000-0002-4350-3404>
3. <https://www.researchgate.net/profile/Alaa-Ubaid>
4. <https://www.scopus.com/authid/detail.uri?authorId=56660568800>
5. <https://www.webofscience.com/wos/author/record/AFL-0052-2022>

Scientific database	Google Scholar	Scopus	Web of Science	ResearchGate
H-Index	8	6	5	7
Citations	388	210	134	274
Published scientific papers	25	22	9	27

## Peer Review Activities

**Serve as a reviewer in international journals and conferences**

1. International Journal of Automotive and Mechanical Engineering
2. IEEE Transactions on Engineering Management Journal
3. European Journal of Innovation Management
4. Journal of Engineering Science & Technology
5. Business Process Management Journal
6. International Conference on Decision Aid Sciences and Application (DASA)
7. Advances in Materials and Processing Technologies Journal
8. Surface Review and Letters
9. Decision Making: Applications in Management and Engineering
10. Management Review Quarterly Journal
11. Composite Interfaces Journal
12. Pakistan Journal of Scientific and Industrial Research
13. International Journal of System Assurance Engineering and Management
14. Supply Chain Analytics
15. Journal of Economic and Administrative Sciences
16. International Journal of Lean Six Sigma

### **Research, Teaching Grants**

Applications under process for approval:

1. A Study of the Commercial Water Desalination Systems Performance A Comparative Analysis
2. Digital Transformation for the Oil and Gas Industry In the UAE

### **Awards and Recognitions**

- Outstanding administrative staff award
- Appreciation and gratitude for excellent performance
- Best student oral presentation award in the 1<sup>st</sup> Engineering Graduate Students Research Symposium
- 3<sup>rd</sup> place in the Best Presentation award in the College of Engineering research week
- 1<sup>st</sup> place in the Best Poster award in the College of Engineering research week
- 3<sup>rd</sup> place in the Best Presentation Award at the International Symposium in Engineering and Business Administration
- The winner of the 3<sup>rd</sup> place in the Sharjah Award for Doctoral Dissertations in Administrative Sciences in Arab countries.

### **University & Community Services**

#### **Member in Committees**

1. In the University of Sharjah
  - College of Engineering Council
  - Innovation Week organizing committee.
  - ConVR2014 conference organizing committee.
  - College of Engineering strategic plan committee.

- 14th International Conference on Developments in E-Systems Engineering organizing committee.
- College of Engineering senior design projects open day for AY 2021-2022 organizing committee.
- The First International Innovation X.0 Forum at the University of Sharjah organizing committee.
- College of Engineering Sustainability and Growth committee
- The Student Recruitment & College Experience committee

2. In the University of Khorfakkan- College of Business Administration

- Renewal of Accreditation committee
- The College Council
- The Scientific Research Committee
- The Student Scholarship Committee
- The Student Disciplinary Investigation Committee
- The Appointment Committee
- The Strategic Planning Committee
- The Graduate Studies Committee
- The Teaching and Learning Committee
- The Practical Training Committee
- The Outreach and Media Committee
- The Academic Scheduling and Examinations Committee
- UKF Innovation Team
- Central students' disciplinary committee
- Academic Policies Review committee