



7/8/2021

CURRICULUM VITA

Dr. Alaa M. Ubaid



Curriculum Vitae



1. Personal Data

First Name : Alaa
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Date of Birth : 5th. June. 1977
Gender : Male
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2. Academic / Professional Particulars

1) **Field of Specialization**

1.1. **Master: M.Sc. in Production Engineering**

- 1.1.1. Field of Specialization: Metal cutting
- 1.1.2. The courses I took include:
 - a. Inspection and material selection
 - b. Engineering plasticity
 - c. Control and measurement instrument
 - d. Automation and Mechanization
 - e. Advanced metal forming
 - f. Quality Control
 - g. Advanced design
 - h. Computer-aided design and manufacturing
 - i. Advanced Metal Cutting

1.2. **PhD: PhD in Engineering Management**

- 1.2.1. Field of Specialization: Organizational Performance Excellence

1.2.2. The courses I took include:

- a. Total Quality Management
- b. Leadership and Innovation Management
- c. Technology Management
- d. Decision-making and Analysis
- e. Research methodology
- f. Independent reading course- Excellence Deployment Approach: A Systematic Literature Review

2) Academic Qualification

- 2.1. **PhD in Engineering Management**, University of Sharjah, United Arab Emirate, Thesis entitled: “Excellence DNA: A Practical Framework for Organizational Excellence”, **May-2021**.
- 2.2. **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**.
- 2.3. **B.Sc. in Production Engineering**, Department of Production Engineering and Metallurgy, University of Technology, Iraq, **June-1999 (with ranked 3rd)**.

3) Membership of Professional body

- 3.1. Member of Iraqi Engineers Union
- 3.2. Member of IEOM Society International

4) Language Proficiency

- 4.1. English: Proficient
- 4.2. Arabic: Native Speaker

5) Main key skills & expertise:

- 5.1. Engineering management
- 5.2. Technical and financial support
- 5.3. Manufacturing systems management
- 5.4. Production management
- 5.5. Production planning

6) Training courses

- 6.1. Corrosion in industry
- 6.2. Engineering testing
- 6.3. Turning and milling technology
- 6.4. Teaching competency.
- 6.5. Total Productivity Maintenance (TPM)
- 6.6. Educational Leadership
- 6.7. Introduction to ANSYS Mechanical
- 6.8. Introductory training to ANSYS CFD

- 6.9. KAIZEN for industrial organization continuous improvement
- 6.10. How to Publish in High Impact Journals
- 6.11. Security Awareness Training-Mobile security training
- 6.12. Security Awareness Training-Protecting Against Ransomware
- 6.13. Security Awareness Training-Cyber Strength Assessment
- 6.14. Security Awareness Training-Security beyond the office
- 6.15. Security Awareness Training-Data protection
- 6.16. Managing smart enterprises using Artificial Intelligence (A.I.)
- 6.17. Heart saver ® First Aid course
- 6.18. Microsoft Excel 2016-Advanced
- 6.19. Using Artificial Intelligence in managing smart organizations
- 6.20. Cyber Security Training-Fraudulent shipping notifications
- 6.21. How to use the SPSS software
- 6.22. The Effective Communication Skills Workshop

7) Workshops, Seminars, and symposium

- 7.1. College of Engineering research week
- 7.2. Building your Scholarship
- 7.3. Conducting your research
- 7.4. Graduate studies: from admission to graduation PhD
- 7.5. First Engineering graduate student research symposium
- 7.6. Journal Publication Skills – Getting your journal articles published
- 7.7. The International Symposium in Engineering and Business Administration

8) Awards and appreciation certificates

- 8.1. Outstanding administrative staff award
- 8.2. Appreciation and gratitude for excellent performance
- 8.3. Best student oral presentation award in the 1st Engineering Graduate Students Research Symposium
- 8.4. 3rd place of Best Presentation award in the College of Engineering research week
- 8.5. 1st place of Best Poster award in the College of Engineering research week
- 8.6. 3rd place of Best Presentation Award in the International Symposium in Engineering and Business Administration

3. Career Details

1) Academic Positions Held:

- 1.1. Lecturer, 1st-Jan-2005 to 23-Jan-2007

Al-Anbar Technical Institute-Foundation of technical education- Ministry of Higher Education and scientific Research-Al-Anbar-Iraq.

- 1.1.1. Essential Responsibilities:

1. Teaching the following Courses:
 - AutoCAD 2D & 3D.
 - Manufacturing Equipment Graphics.
 - Engineering Graphics.
 - Manufacturing process.
 - Metal Cutting Fundamentals and Applications.
2. Senior projects supervision.
3. Staff Training and development

2) **Administrative positions held**

2.1. Senior Administrative Officer, 26-April-2013 to Present

College of Engineering-University of Sharjah- Sharjah-United Arab Emirate.

2.1.1. Essential Responsibilities:

1. Technical and financial evaluation of College requests such as lab equipment, lab consumables, computer software, computer hardware, etc.
2. College annual data analysis, evaluation, and annual report preparation.
3. College budget preparation, monitoring to ensure balanced budget consumption, and budget-related requests' evaluation.
4. Participate in, and coordinate all activities related to the College events and organizing conferences.
5. Participate in, and coordinate College committees' activities as needed.
6. Monitor and participate in the College's assets and facilities management as needed.
7. Coordinate and follow-up on completion of all College-related technical, financial, and administrative issues as needed.
8. Participate in, and coordinate strategic plan preparation.
9. Coordinate College projects and plans progress, and prepare achievements' reports.
10. Support the activities of accreditation reports' preparation.
11. College Council minute taker.

3) **Industrial positions held:**

3.1. Production Manager, 26-June-2011 to 24-April-2013

LIN SCAN Advanced Pipeline & Tank Services-Hamriyah Free Zone-Plot No. 1H-24-Sharjah-United Arab Emirate.

3.1.1. Essential Responsibilities

1. Effective planning of production plans and coordination process with tool management, stores, purchase, and finance departments.
2. Effective implementation of plans and target achievements.
3. To ensure:

- a. Safety of workers and compliance to company's uniform
 - b. Safe, clean, and organized production area with proper identification & traceability
 - c. Well-maintained and safely operating machines
 - d. Protected environment
 - e. Documented production process with all resources, activities, procedures, and Sequences to be continuously updated
4. Provide technical support to purchase and finance departments in submitting tenders' bulk orders and quotations evaluation.
 5. Effective factory resources management.
 6. Effective management of all factory improvement and renovation projects.

3.2. Senior Production Engineer, 28-Jan-2007 to 15-June-2011

Everest Industrial CO. LLC. -Industrial Area 6-Sharjah-United Arab Emirate.

3.2.1. Essential Responsibilities

1. Production lines effective management to ensure continuous efficiency improvement.
2. Ensure a smooth flow of the production operation.
3. Constantly produce products as per the set design and contract agreement with customers while ensuring the production operation's compliance with the company's Quality, Safety, and environmental systems.

3.3. Senior Production Engineer, 23-Dec-2002 to 1st-Jan-2005

AL-FARIS State Company-Ministry of Industry-Baghdad-Iraq.

3.3.1. Essential Responsibilities

Supervision of the general forging factory and ensure workflow of the following activities: -

1. Manufacturing different types of water purification units.
2. Manufacturing of storage tank.
3. Manufacturing the dish end of the storage tanks and the boilers.

4. Teaching

1) Summary of courses I taught in Al-Anbar Technical Institute-Foundation of technical education

Course Name
Manufacturing Process
Engineering Graphics
Manufacturing Equipment Graphics
Metal Cutting Fundamentals and Applications

Manufacturing process workshop
Automation labs

2) Courses I can teach

Course Name
Introduction to Industrial Engineering
Manufacturing Process
Engineering Graphics
Engineering Ethics and Leadership
Industrial Automation labs
Computer-Aided manufacturing programming
Total Quality Management
Innovation Management
Decision-making and Optimization Techniques
Principles of Business Excellence
Performance Management
Quality Tools and Techniques
Total Quality Management Applications
Research Methodology
Business Success Principles

5. Participation in the major administrative activities

- 1) Develop and implement plans for the acquisition and maintenance of laboratory equipment and computer hardware and software.
- 2) Annual budget preparation, including the budgeting process and spending process, and work within this system ensure resource availability.
- 3) Annual reports and related analysis.
- 4) Creating and monitoring the organization strategic plan and performance management systems

6. Research

1) Research Interest

- 1.1. Optimization.
- 1.2. Sustainable manufacturing systems.
- 1.3. Industry 4.0.
- 1.4. Innovation Management.
- 1.5. Organizational Excellence

2) Publications / Citation Data

Types of Publication	Number of Publication
Articles in International Refereed Journal	10
Conference Papers	7
Books / Books Chapters	-
Edited Books	-
Patents	-
Others (Editorial / Opinion Articles)	-
Citation Source	Number of Citations
Google Scholars	51
Scopus	24
ResearchGate	40

7. Participation in Professional Events and Conferences Organizing Committees

- 1) Committee Member-Innovation week organizing committee.
- 2) Committee Member-ConVR2014 conference organizing committee.
- 3) Committee Member-College of Engineering strategic plan.

8. Services

Serve as Reviewer in:

- 1) International Journal of Automotive and Mechanical Engineering
- 2) Transactions on Engineering Management Journal
- 3) European Journal of Innovation Management
- 4) Transactions on Engineering Management

9. List of Publications:

1) International Refereed Journal Articles

- 1.1. 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
- 1.2. Ubaid, A. M., Dweiri, F. T., & Ojiako, U. (2020). Organizational excellence methodologies (OEMs): a systematic literature review. International Journal of System Assurance Engineering and Management, 1-38.
- 1.3. Alduroobi, A. A., Ubaid, A. M., Tawfiq, M. A., & Elias, R. R. Wire EDM process optimization for machining AISI 1045 steel by use of Taguchi method, artificial neural network and analysis of variances. International Journal of System Assurance Engineering and Management, 1-25.
- 1.4. Ubaid, A. M. & Abdel-Razek, R. H. (2020). Technological Innovation: Classification Model and Future Research Agenda. International Journal of Intelligent Enterprise, in press

- 1.5. 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.
- 1.6. Ubaid, A. M., & Dweiri, F. T. (2020). Business process management (BPM): terminologies and methodologies unified. *International Journal of System Assurance Engineering and Management*, 1-19.
- 1.7. Ubaid, A. M., Aghdeab, S. H., Abdulameer, A. G., Al-Juboori, L. A., & Dweiri, F. T. (2020). Multidimensional optimization of electrical discharge machining for high speed steel (AISI M2) using Taguchi-fuzzy approach. *International Journal of System Assurance Engineering and Management*, 1-25.
- 1.8. 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.
- 1.9. 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.
- 1.10. 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).

2) Conference Papers:

- 2.1. Khan, S. A., Ahmed, W., & Ubaid, A. (2020, October). A Decision Support System for Logistics Performance Evaluation of Courier Company. In 2020 5th International Conference on Logistics Operations Management (GOL) (pp. 1-5). IEEE.
- 2.2. Abuseem, A.J., Alzaabi, Y.J., Alhammadi, A.H., Dweiri, F.T., Ubaid, A.M. (2020). Technology mapping: Definitions, types, and applications. *Proceedings of the International Conference on Industrial Engineering and Operations Management*.
- 2.3. Ubaid, A. M., Sahban, M., Hammad, O., Ramadan, A., & Abdel-Razek, R. (2019, March). Advancing Knowledge in Technological Innovation: Innovation Mapping Model. In 2019 Advances in Science and Engineering Technology International Conferences (ASET) (pp. 1-7). IEEE.
- 2.4. 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*.
- 2.5. 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*.
- 2.6. Ubaid, A. M., & Abdel-Razek, R. H. Patents' sustainability and the patent system in engineering education: A framework and potential research gaps. In 2018 Advances in Science and Engineering Technology International Conferences (ASET) (pp. 1-6). IEEE.

- 2.7. Ubaid, A. M., & Dweiri, F. T. (2018). Sustainable systems integration by means of STEP-NC: Literature review. In 2018 Advances in Science and Engineering Technology International Conferences (ASET) (pp. 1-8). IEEE.

10. **References:**

- 1) Prof. Gordian Udechukwu Ojiako,
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