

Curriculum Vitae

Prof. Dr. Fathi M Abusaa

Professor – Department of Management and Design – Tripoli University

• Personal information

1967/07/07	Date of Birth	Prof. Dr. Fathi M Abusaa	Name
Mobile No. 0914549474		Tripoli, Libya E-mail : fathi_abusaa@hotmail.com	Address

• Education

University Faculty MemberProfessor's Degree

Date Aquired	Major	City / Country	Degree	University
Spring 1991	Design and Production Engineering	Tripoli - Libya	B.Sc.	Tripoli University - Engineering Faculty
1997	Design Management	GDANSK Technical Univ.	M.Sc.Eng.	GDANSK Technical Univ.
2003 GDANSK Technical Univ. Scholarship	Design Management	GDANSK Technical Univ.	Ph.D.Eng.	GDANSK Technical Univ.

✓ Work Experience

1996–1992

- Research Engineer at the World Energy Organization - Renewable Energies Department - Tripoli Int Branch. Energy Foundation, Tripoli-Libya
- A follow-up engineer - production and companies management - the General People's Committee for Industry (previously).
- Head of the Department of Industrial Regulation and Industrial Licenses - Department of Industrial Regulation - General People's Committee for Industry (previously).

2003 – 1996

- Studied - Master's and PhD degrees.

2021-2003

- Faculty member of the Faculty of Engineering
- Head of the General Department - Faculty of Engineering
- Head of Industrial Engineering Department
- Dean of the Faculty of Engineering
- Assigned Dean of Faculty of Information Technology
- University General Registrar 2005- 2009
- Assigned General Manager - for the management of faculty members.
- Assigned General President of University Faculty members - 2008 - 2010
- International technical arbitrator - for resolving engineering disputes - international arbitration certificate.
- A certified consultant for Maghreby Union in international arbitration and settling engineering disputes.
- Certified trainer and consultant - capabilities development and human development.
- Editor-in-chief of the Journal of the University Researcher - a refereed scientific journal - publications of the University of Misrata Syndicate.
- Editor-in-chief of the Journal of Engineering Professions - a magazine issued by it - the General Union of Engineering Professions.
- Consultant member - satel magazine - refereed scientific - published by Misrata University.
- Director of the Quality Office - Faculty of Engineering.
- Executive Director of Zaurata Holding Company (Fall Market Group - Newmarket Group).
- Member of several scientific committees for oil and energy conferences - an international oil and energy conference.
- Chairman of the committee.
- Chairman of the Preparatory Committee for the International Conference of Colleges of Arts and Technical Sciences in the Arab World.
- Member of the Arab Council - for Training Students of Arab Universities - Amman - Jordan.
- Member of the Arab Scientific Committee for Evaluating Graduation Research - Colleges of Engineering - Union of Arab Universities.
- Member of the Scientific Committee of the Scientific Program for the Production of Hydrogen Fuels / of the United Nations Industrial Organization (UNDO) in cooperation with the General Committee for Industry and Energy (Previously).
- In the list of candidates for an academic attaché for the State of Poland and Czechia (premacry in the list of applicants (first) electronically - 2/2019).
- Member of several committees to evaluate institutional and program accreditation in Libyan universities - quality programs.

- Supervising postgraduate-graduate theses (Master) in the field of production and storage of hydrogen fuel using renewable energies to protect the environment.
- Visiting Professor - MMU University - Department of Mechanical Engineering - UK - 2010.
- Visiting Professor - University of Malaysia UMM - Scientific and Research Devoy
- Author of books: The book of Mechanics - Part I Publications of Misrata University
- Author - engineering design book - under printing.

✓ **Training courses**

- Training course in the design and manufacture of solar energy equipment - China. 1992.
- Training course in the management and operation of industrial machines - the Netherlands.
- Training course in the field of manufacturing plastic pipes - Austria.
- Advanced course in the field of total quality management applications in higher education institutions.
- Training course in the field of accounting for non-accountants 2005.
- Training course in international arbitration - Maghreb Federation of International Arbitration - Morocco - 2014

✓ **Participation in training**

- Supervising and preparing for advanced technical courses in the field of:
- Designs and applications for the engineers of the Libyan Iron and Steel Company, 2007.
- Protecting industrial facilities from corrosion for the engineers of the Libyan Iron and Steel Company, 2007.
- Courses in the field of human development
- Courses in the field of total quality management
- Collaborator with the University Research and Consulting Center.

✓ **Memberships**

- Member of the Libyan Society of Engineers
- Member of the American Minerals Association
- Member of the Royal English Institute of Materials Sciences (IMS.)
- Member of the International Society of Ege (NACE)
- Member of the American Society of Welding AWS

✓ Publications

1. D. Fathi Abusaa, the experience of the non-industrial and individual sector in the chances of success of the industrial sector privatization program, the industry conference in Libya - present and future requirements, from: 19-20 September 2005 in Tripoli.
2. D. Fathi Abusaa, Al-Ahli sector with a future look, workshop ((Resignation of the public and private sector in Libya)) Libyan Iron and Steel Company, on 16/9/2003 Misrata.
3. Reda Ali Issa, Dr. Fathi Abusaa, Distance Education Technology, Electronic Education Conference and its Role in Humanities, organized by the Federation of the Council of Arab Universities, from 17 to 20/9/2005, Sana'a, Yemen.
4. D. Fathi Abusaa, and others: The role of information technology in teaching scientific subjects in university education, seminar on higher education (reality and ambition) in Nafazi from 10-12/04/2005.
5. D. Fathi Abusaa, A. Khaled Fikron, Central decision-making and its negative impact in higher education institutions, Higher Education Seminar, from - 19/06/2005 Tripoli - Libya
6. F.Abusaa., J.Labanowski., The influence of microstructures on mechanical properties of grade 2205 steels, Environmental degradation of Engineering material, EDAM, Sept. 1999., Jurata-Gdansk-Poland.
7. F.Abusaa., J.Labanowski, The effect of isothermal aging heat treatment on mechanical properties of duplex steels., JMEP,ASM.
8. F.Abusaa., Evaluation of the susceptibility of some alloys steels to environmental degradation., Proc. Conf. ICO-3., Renewable Energy and Environmental ., 22-26-Sep.2003., Brack-Libya.
9. F.Abusaa, Environmentally assisted cracking of welded steels. The 5th Libyan Corrosion Conference and Exhibition, Libyan Corrosion Society International Corrosion –Bengazi -11/2005
10. F.Abusaa, The influence of hydrogen diffusivity on the hydrogen assisted cracking of steel, International Hydrogen Energy Congress & Exhibition IHEC 2005 , 13-15 July 2005 Istanbul –Turkey.
11. F.Abusaa, and Abobaker meteeq., Effect of cathodic hydrogen charging on mechanical properties of welded steel (Misurata Steel Company). Proceedings International Hydrogen Energy Congress and Exhibition IHEC 2007-05-07 , Istanbul, Turkey, 13-15 July 2007.
12. Fathi M.Abusaa., Fathi Boud, and Rafat S. Abat Investigating the optimal cutting parameters for surface roughness., ICME 2007 : "International Conference on Mechanical Engineering., December 20-22, 2007., Bangkok-Thailand.
13. F.Abusaa., Investigation of welded Steel (high carbon steel) ,Int. Workshop on Energy: Production, Storage & Application, University of Rajasthan, Jaipur ,India, November 5 – 9, 2006.
14. F.abusaa, Abobaker Amautuk, Wind energy application in Misurata – Libya., Int. Conf. on Energy management, Aluramouk University ,Jordan,4-5/11/2009 Aman.
15. F.abusaa., the evaluation of low carbon steel in energy storage susceptibility., Int. Renewable Energy Congress , IREC 2010, Nov. 5-7,2010, Sousse,Tunisia

16. Fathi Abusaa, Hydrogen storage in steels “3th Int. Conférence sur les MATériaux et energy (CIMATEN2014) 14-16 Décembre 2014 – Sousse, Tunisie.
17. Fathi Abusaa and Fuzi Abusaa, Total quality management from Islamic perspective exploring some elements of TQM being emphasised in the Islamic teachings., Azaytona University Journal vol.4, Issue 08, 2015.
18. Fathi Abusaa and Fuzi Abusa, Investigating the optimal cutting parameters for surface roughness in turning process, Vol. 3, Issue 06, June 2016, International Journal of Advanced Research in Science, Engineerinnng and Technology.
19. F.Abusaa and Fuzi Abusaa Evaluation of using high strength low alloy steel for design of knuckle joint, Vol. 3, Issue 7, July 2016, International Journal of Advanced Research in Science, Engineering and Technology.

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