

CURRICULUM VITAE

1. Personal Information

Full Name : Ayman Bassam Ghamoh
Nationality : Jordanian
Date of Birth : 3/4/1967
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Electrical Engineering Department
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2. Languages

-Arabic (mother tongue)
-English

3. Academic Qualifications

M.Sc. Mechanical Engineering, University of Jordan, November, 1993.
B.Sc. Mechanical Engineering, Jordan University of Science and Technology (JUST), June, 1990.

4. Workshops, Conferences, Seminars & Training

- 1996 Three months training course in mold design in National Taiwan University & Factories in Taiwan.
- 1996 Part time Lecturer(Engineering Drawing,Auto CAD,Workshop technology) in Princess Sumaya University for Technology 1/1996 – 7/1996 , 6/1998 – 9/1999, 6/2002-10/2013.
- 1997 Lecturer on Arabic workshop in mold making , organized by RSS & Arab Union for Technical Education an Ministry of Higher Education, August 3-12/1997
- 1997 ISO 9000 and Internal Auditing (Jordan Engineers Association).
- 1997 Heat Treatment, surface finishing and failure Assessment of Plastic Injection Molds (RSS in Cooperation with National Taiwan University).
- 1997 Mold Construction and Material Selection (RSS in Cooperation with National Taiwan University).
- 1997 “Heat Treatment, Surface Finishing and Failure Assessment of Plastic Injection Molds”, Royal Scientific Society, Amman-Jordan.

- 1997 “Mold construction and Material Selection”, Royal Scientific Society, Amman-Jordan.
- 1998 “ Design and Manufacturing of Die Casting Dies ”, Royal Scientific Society, Amman-Jordan.
- 1998 “Stamping Die Design”, Royal Scientific Society, Amman-Jordan.
- 1998 “ISO 9000 and Internal Auditing”, Jordan Engineers Association, Amman-Jordan.
- 2001 ISO/IEC 17025 , field of Application and Requirements – II. Royal Scientific Society, Amman – Jordan.
- 2002 Design and Manufacturing of Ferrous Casting, Royal Scientific Society, Amman – Jordan.
- 2003 Internal Quality Auditor, Lloyd’s Register quality assurance, Amman-Jordan.
- 2004 Proposal Writing , Jordanian Engineers Association , Amman-Jordan.
- 2004 International Computer Driving Licence (ICDL) , Royal Scientific Society, Amman – Jordan.
- 2004 Management for Engineers, Global Strategies, Amman-Jordan.
- 2004 CAD/CAM for Mechanical Components Design and Manufacturing GIK Institute of Engineering Science and Technology, Topi, Pakistan.
- 2005 International Training Programme on Enhancing Competitiveness Through CAD/CAM Application, SIRIM Berhad, Malaysia.
- 2005-2006 Part time Lecturer(Engineering Drawing+Auto CAD+Workshop technology+Manufacturing lab) German Jordanian university
- 2005-2008 liaison officer for the Japanese Grant Aid Project(Project for Improving the Quality of Products and Increasing the Competitiveness in Industrial Sector) ,Eight millions\$.
- 2006-2010 Researcher Engineer in (Renewable Energy Agricultural Multipurpose System for Farmers), this project is funded by European Union by 1.3 million Euro.
- 2008-2010 Member in the committee of LPG formed by the ministry of Energy & mineral resources to issue licence according to NFPA 54 & NFPA 58.
- 2010-2012 Researcher Engineer in (Sunny Vehicle) ,this project is funded by European Union/Egyptian scheme.
- 2012 Rapid Prototyping Workshop, Texas A & M University at Qatar.

5. Professional Experience

Year of Work	Position Title	Place of Work
10/2013-Present	Lecturer	Princess Sumaya university for technology
10/1996-10/2013	Mechanical Design Engineer	Royal Scientific Society
2/1999-10/2009	Head of Design & Manufacturing division	Royal Scientific Society
8/2005-8/2009	Director Assistant of MDTC	Royal Scientific Society

6. Areas of Specialization

- Mold and die design .
- Mechanical Design.
- CAD/CAE
- Thermodynamics and energy conversion.
- Engineering Ethics.

7. Membership

- Member of the Jordanian Engineers Association.
- Member American Society of Mechanical Engineers (ASME).
- Member in the Organizing Committee of the Second Jordanian International Conference for Mechanical Engineers.

8.Publications

- ◆ Investigation of explosive welding using plasticine as a model, M.Sc. thesis, University of Jordan, November 1993.
- ◆ Investigation of some of the parameters of explosive welding. First Engineering Conference, Mansora 1995, 18-30 March , p p 304-314.
- ◆ CAD/CAM/CNC Capabilities /RSS - Presented at workshop of automated manufacturing, HCST and RSS UNDP, Amman - Jordan, 9-12 June, 1996.

9.Patents

- ◆ A portable device for converting grey water to potable water, patent number 2922, 8/2/2016.
- ◆ Adjustable angular clay brick cutting device, potable water, patent number 2896, 17/2/2016.