

CURRICULUM VITA

Personal Details

Name: Wael Ali

Family Name: Khudhair

Date and Place of Birth: 10th October 1964, Baghdad

Gender: Male

Marital Status: Married

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Education

1992 PhD in Mechanical Engineering, University of Leeds, Leeds, England.

1986 B.Sc. in Production Engineering, University of Technology, Baghdad.

1982 Al-markaziyi Secondary School, Baghdad, Iraq.

Courses taught and other services provided to students

1. Courses for undergraduate students: -
Engineering plasticity, Metal forming processes, Strength of materials, Production engineering, Theory of machines, Computer programming, Technical English in mechanical engineering.
2. Courses for postgraduate students: -
Advanced engineering elasticity, Advanced engineering plasticity, Stress analysis.
3. Committees
Head of final and semester examinations committee, Head of final year project committee, Head of summer training committee, member of undergraduate committee, member of curriculum development committee, member of departmental scientific committee, member of departmental council.
4. Member of M.Sc. oral examination committee: *6 times*
5. Scientific evaluation for M.Sc. theses.
6. Reviewer for 3 Iraqi journals and 2 foreigner journals.
7. Seminars for mechanical engineering department and college of engineering.
8. Consultations and recommendations work for college of engineering consultation bureau.

Publications

2015 " Modeling of deep drawing process for AZ31 Magnesium alloy cup to investigate the effect of inclination angle of the blank holder by FEM", 2nd international conference on computational and experimental science and engineering, (ICCESEN-2015), 14- 10 October Antalya- Turkey.

2014 " Finite element simulation of U bending process for AZ31 Magnesium alloy sheet ", International conference for academic disciplines, 30 June to 3 July 2014, Ca' Foscari University, Venice, Italy.

2011 " Numerical simulation of deep drawing of low carbon steel (1008-AISI) cylindrical cup", International Journal of Arts and Sciences, Vol. 4, No. 20, pp. 143-159.

2011 " Effect of Punch and Die Profile on Deep Drawing of Low Carbon Steel cylindrical Cup by Finite Element Method", Zanco Journal, Salahaddin University, Vol. 23, No. 4, pp. 38-56.

- 1997 "A comparison between macro-shear redundancy and loading effects in 2- and 3-roll rotary tube cone piercers", Journal of Materials Processing Technology, Vol. 65, pp.191-202.
- 1997 "A comparative study in rotary cone-roll tube piercing process", Engineering and Technology Journal, Vol. 16, No. 1, pp. 20-35.
- 1994 "Pass geometry and macro-shear redundancy effects in a 3-roll conical oblique tube piercing process", Journal of Materials Processing Technology, Vol. 45, pp 341-345.

Training Courses and Conferences

- 1993 International metal working conference, Birmingham, England.
- 1994 3 days course in "Die Design", Institute of Dies, Baghdad.
- 1995 1 week course in "Numerical control machines", Al-Nida Est., Baghdad.
- 1996 3 days course in "Cost evaluation", University of Technology, Baghdad.
- 2001 Higher education conference, University of Salahaddin, Erbil.
- 2009 1st conference of DAAD'S university partnership program with Iraq, Erbil
- 2009 1 week kick-off meeting in Freiberg-Germany to develop joint master course in Mechanical engineering with TU Bergakademie Freiberg.
- 2010 3 days course in "Simulation and modeling of technical processes" organized by The department of mechanical engineering, TU Bergakademie Freiberg at University Of Salahaddin, Erbil.
- 2010 3 days conference, First Iraqi-German universities network conference held at University of Salahaddin-Erbil.
- 2011 4 days scientific conference, International conference for academic disciplines held At Anglo-American University, Prague, Czech Republic.
- 2011 3 days training course on use of DASY Lab software organized by the department of Mechanical engineering, TU Bergakademie Freiberg at University of Salahaddin-Erbil.
- 2014 4 days scientific conference, international conference for academic disciplines held at Ca' Foscari University, Venice, Italy.
- 2015 5 days scientific conference, 2nd international conference on computational and experimental science and engineering, Kemer-Antalya- Turkey.(ICCESN-2015).

Membership of Professional bodies

- 1986 to date member of Iraqi Engineers Union.
- 2000 to date member of Kurdistan Engineers Union.
- 2000 to date member of Kurdistan Teachers Union.

Experiences

- 1997 till now Lecturer, Department of Mechanical Engineering, College of Engineering- University of Salahaddin, Erbil.
- 1993-to-1997 Assistant-chief engineer and head of department, Ministry of Sciences and technology

Supervision

- 2010 M.Sc Thesis "Simulation of deep drawing die design using finite element method" by Sartip Latif Hussein.