

# Academic Curriculum Vitae



## Personal Information

Full Name: Wael Ali Khudheyer  
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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.

## Employment

1993-to-1997 Assistant chief engineer, Ministry of Science and Technology.  
1997 till now Lecturer, Department of Mechanical Engineering, College of Engineering-  
University of Salahaddin, Erbil.

## Qualifications

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.  
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.  
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.  
2019 2 days training workshop on Bologna process.  
2020 6 months (30 ECTS) course of pedagogical training for teacher professional development  
at Salahaddin University-Erbil/Pedagogical center.

## Teaching experience:

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, Computational modeling, Academic debate, Design of structural mechanisms.

2. Courses for postgraduate students: -

Advanced engineering elasticity, Advanced engineering plasticity, Stress analysis.

## Research and publications

1994 "Pass geometry and macroshear redundancy effects in a 3-roll conical oblique tube piercing process", Journal of Materials Processing Technology, Vol. 45, pp 341-345.

1997 "A comparison between macroshear 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.

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.

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

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.

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, (ICCES-2015), 14- 10 October Antalya- Turkey.

## Conferences and courses attended

1993 International metal working conference, Birmingham, England.

2001 Higher education conference, University of Salahaddin, Erbil.

2009 1<sup>st</sup> 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 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.

- 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.(ICCESEN-2015).
- 2019 3 days attendance of 2<sup>nd</sup> international conference of engineering and innovating technolog Salahaddin University-Erbil.

## **Funding and academic awards**

1987 Iraqi government scholarship to United Kingdom, Leeds University to award PhD degree in mechanical engineering

## **Professional memberships**

- 1986 to date member of Iraqi Engineers Union.
- 2000 to date member of Kurdistan Engineers Union.
- 2001 to date member of Kurdistan Teachers Union.

## **Professional Social Network Accounts:**

<https://scholar.google.com/citations?user=VjJpof8AAAAJ&hl=en>

<https://www.researchgate.net/profile/Wael-Khudhair>

<https://www.facebook.com/wael.khudhair>

<https://orcid.org/0000-0002-7736-8044>