

Curriculum Vita



Personal information:

Name: **Moneer Hameed Tolephih Al- Saadi**

Birth day and Place: 1961 - Kerbala / Iraq

Status: Married

Achievements: PhD in Mechanical Engineer / Applied Mechanic

Work address: **University of Kerbala**

Position: President

Scientific degree: Professor

Employment History:

Foundation of Technical Education (FTE) - Sewera Technical Institute 1990-1999

FTE- Technical College Baghdad (TCB) 1999-2003, Head of Automotive Dept.

FTE- TCB, 2003-2013, Dean of TCB

FTE, 2004-2006, Vice President of FTE beside to Dean of TCB

University of Kerbala, 2013- , President.

E-mail: monerht@yahoo.com

Academic achievement:

- PhD in Mechanical Engineer, University of Technology, Baghdad, 1998.
- M.Sc. in Mechanical Engineer, University of Technology, Baghdad, 1987.
- B.Sc. in Mechanical Engineer, University of Technology, Baghdad, 1981.
- FCMI (Fellow/ Charter Management Institute), CMgr, UK, 2011.

Scientific Degree:

- Assistant Lecturer - 1990.
- Lecturer - 1999.
- Assistant Professor - 2003.
- Professor - 2013.
- FCMI, CMgr 2011

Had been nominated as the first professor of the Iraqi Foundation of Technical Education for the year 2010/2011

Managerial Positions:

- Machine and Equipment Dept. at Sewera technical institute 1990-1994.
- Head of scientific unit at Sewera technical institute 1/4-1/10/ 1994.
- Head of Machine & Automotive Dept. Sewera technical institute 1998-1999.
- Head of Automotive Engineering Dept. at TCB, 2000-2002.
- Dean Assistant at TCB, 2002-2003.
- Dean of Technical College Baghdad (TCB), 2003-2013.
- Vice President of FTE beside dean of TCB 2004-2005.

Languages:

- Arabic, (Read, Write, and Speak).
- English, (Read, Write, and Speak).

Scientific Committees :

- Head of engineering sectorial committee at FTE, 2003-2007.
- Head of mechanical and chemical industry sectorial committee 2007-2013.
- Vice head of AL-TAKANY scientific journal, 2003-2006.
- Member of Curriculum committee at FTE.
- Head of National committee for industrial curriculum for vocational teaching at Ministry of Education, 2006-2013.
- Editorial Member of Al-Rafedain Scientific Journal, Al-Rafedain private college.
- Head of examination committee at TCB, 2003-2013.
- Head of editorial board for 11th scientific conference, FTE, 2009.
- Member of FTE board, 2003-2013.
- Member of committees for manufacturing of experimental devices in the ministry of higher education, 2010.

Scientific conferences and seminars:

- Scientific and Technical conferences 3rd, 4th, 5th, Baghdad.
- Second International Solar Energy Research Conference, Baghdad, 1988.
- Modeling and Engineering Solutions, Turkey, 2006.
- Academic Collaboration Program for French Educational Institutions and Iraqi FTE, France, 2006.
- Iraq Rehabilitation conference and Exhibitions, 2004 and 2005.
- 10th FTE Scientific and Technical Conference, Najaf, 2008.
- Nano Technology Application Seminars, University of Technology, Baghdad, 2008.
- FTE Strategy workshop cooperation with British Council, Erbil, 2008.

- 11th FTE Scientific and Technical Conference, TCB, Baghdad, 2009.
- 5th Saudi Technical Research Conference, Riyadh, Saudi Arabia, 2009.
- Workshops to manage the Training of FTE staff cooperation with GTZ, Cairo, Egypt, 2007, 2008, 2009, and 2010.
- Kerbala university conferences for universities colleges, 2013, 2014, 2015, 2016.
- Head of second international engineering conference, college of engineering, University of Kerbala, 2017.

Training Programs / Participant

- Modern Automotive Maintenance Program, Automotive trading company, Baghdad, 1993.
- Modern Teaching Methods Program, FTE, Baghdad, 1993.
- Arab training Program for Computer Aided Design and Manufacturing, Damascus, Syria, 2002.
- Arabic Workshop for Manage the consultant Centers to evaluate and develop the Institute Products, Baghdad, Iraq, 2002.
- Teaching Methods Program, FTE, Baghdad, 2001.
- Special Program to Develop Teaching and Learning, Managerial Center for Excellence, London, UK, 2007.
- Contract Training Center Management Program, Algonquin College cooperation with UNISCO, Canada, 2008.
- Dean Qualifying Program on Leadership skills and new Attitudes in the Instructional Management , London cooperation with Further Education Ministry , LSIS and RAWBIT, 2009.
- Develop of Instructional Leaders Program, Innovation Center for Leadership, London, 2009.
- Developing of Academic Skills cooperation with UN-Habitat, USA, 2010.

Training Program / Management and Supervision

- Manage Program for Train the Engineers on GIS Skills Cooperation with UN-Habitat, TCB, Baghdad, 2006.
- Manage the Training Programs for Unemployed Peoples cooperation with NGOs, TCB, 2008.
- Manage the Training Programs for Unemployed Peoples cooperation with UN-Habitat and NGOs, TCB, 2009.

- Manage the Training Programs for the Released Prisoners from American Jails cooperation with UN-Habitat and NGOs, TCB, 2008.
- Manage more than 20 Engineering Training Program, TCB.
- Manage 9 Programs to train the Engineers, training program for engineers in the ministry of health by cooperation with cross red, 2010.
- Manage nine Programs to train the Engineers, training program for engineers in the ministry of health by cooperation with cross red, Baghdad, 2011.
- Instructors and chief assessors in Training course for Leadership for the deans and managers in Technical and Vocational TVET, The course run by British Council, 2012.
- Instructor in Training course for deans and managers in Technical and Vocational educational training system, the course run by British Course, UNESCO, and funded by European Union, 2017.

Scientific Associations:

- Member of Iraqi engineering syndicate.
- Member of association for test and engineering safety / Baghdad.
- Fellow membership / charter management institute CMgr.

Research and post graduated study:

Teaching for post graduated study

- Engineering Instructional design aided by computer/ University of Technology.
- Computer aided design/ M Sc. Student / Technical College Baghdad.
- Weldment design / M Sc. and higher diploma study / Technical College Baghdad.

Supervision for post graduated study:

- Supervise 21 higher diploma student / university of Technology
- Supervise 18 M SC. student / university of Technology and Technical College Baghdad.

- Supervise1 PhD student / Machine and Equipment Dept. /university of Technology.
- Supervise1 PhD student / Mechanical Eng. Dept. /university of Baghdad.
- Supervise2 PhD student / College of Eng. /university of Al-Nahren.
- Supervise1 MSc student / College of Eng. /university of Kerbala.
- Scientific Evaluation for more than 50 thesis.
- Examiner for more 40 M Sc. and PhD thesis.

Published Book:

- Moneer H. Tolephih, Abdul Hussein H. Rafush, Walled Al-Jarah, **Automotive maintenance**, Foundation of technical education, 2014.

Published Researches:

- Muhsin Jaber Jweeg, Moneer Hameed Tolephih, Muhammed Abdul-Sattar , **Numerical Analysis of the Dwell Phase in Friction Stir Welding and Comparison with Experimental data**,
- Moneer H. Tolephih, "The Micro-Slip Damper Stiffness Effect on the Steady-State Characteristics of Turbine Blade ", Nahrain University, College of Engineering Journal (NUCEJ) Vol.10, No.1, 2007 pp.27-36
- Moneer H. Tolephih, Hussain J. M. , Kadum H. Gulaim, "**Prediction of Optimal Normal Load Frictional Damping of Turbomachinery Blading** ", The 2nd Regional Conference of Engineering Science, Al-Nahren Engineering College, 1-2 Dec, 2010.
- Kamal M. Saify, Moneer H. Tolephih, , "**Evaluation Of New Hypothetical Concept (LHSIR)For Punch Profile Design For Indirect Extrusion Of Hollow Rods** ", EJSR, European Journal of Scientific Research.vol.4,2010.
- Moneer H. Tolephih, Mudar A. Abdul Sattar, " **Finite Difference Simulation of Low Carbon Steel Manual Arc Welding** ", Thermal Science Journal, Year 2011, Vol. 15, No. 1, pp. 209-216.
- Moneer H. Al-Saadi*, Hani Aziz Ameen &*Rawa Hamed M. Al-Kalali , "**Influence of Metal Type on The Deep Drawing Force by Experimental and Finite Element Method**" , Eng & Tech . Journal, Vol. 29, No. 13, 2011.
- Moneer Hammed Tolephih ,Kadhim M. Mashloosh ,Zainab Waheed ,"**Comparative Study of the Mechanical Properties of (FSW) and MIG**

Welded Joint in (AA7020-T6) Aluminum Alloy", Al-Khwarizmi Engineering Journal, Vol. 7, No. 2, PP 22 - 35 (2011).

- Moneer Hameed Tolephih¹, Hatem Mohammed Mahmood, Esam Tareq Abdullah, "**Effect of New Tool Geometry on Weld Strength of AA 2024 Aluminum Alloy Plates Welded by Friction Stir Spot Welding Process** " , AES-ATEMA' 2011 Ninth International Conference Advances and Trends in Engineering Materials and their Applications(August 01 - 05, 2011).
- Adnan N. Abood, Moneer H. Tolephih, Esam J. Ibrahim," **Effect of Diffusion Bonding on Fatigue Strength of Aluminum Alloy AA 7020-O** ", Eng. and Tech Journal, Vol. 28, No. 23, 2011.
- Mahmood Sh. Al-Mullakhalaf , Moneer Hameed Tolephih, Ali Shakir Ghani ,"**The Effect of Fiber Diameter on Debonding Force in Composite Materials and Their Influence on Some Mechanical Properties**" , Al-Taqani Journal, Vol 24, No. 6, 2011
- Muhsin Jaber Jweeg, Moneer Hameed Tolephih, Muhammed Abdul-Sattar , "**Theoretical and Experimental Investigation of Transient Temperature Distribution in Friction Stir Welding of AA 7020-T53**", Journal of Engineering, Number 6 Volume 18 June 2012
- Shaker S. Hassan, Moneer H. Tolephih, Nameer A. Hamoody, **The Influence of Friction Stir Welding and Process Parameters on the Static and Dynamic Mechanical Properties of 2024-T3 Aluminum Alloy Weldment** , Eng. And Tech Journal, Vol 30, No. 4, 2012.
- Muhsin Jaber Jweeg, Moneer Hameed Tolephih, Muhammed Abdul-Sattar, "**Theoretical and Experimental Investigation of Transient Temperature Distribution in Friction Stir Welding of AA 7020-T53** “, Journal of Engineering, Number 6 Volume 18 June 2012.
- Qasim Mohammed Doos , Moneer Hamed Al Saadi , Ihsan Kadhom Abbas Al Naimi , "**Investigation Parameters of Resistance Spot Welding For AA 1050 Aluminum Alloy Sheets** ", Journal of Engineering , Number 10 Volume 18 October 2012 .
- Muhsin J. J., Moneer H. Tolephih and Muhammed A. M, "**Effect of Friction Stir Welding Parameters (Rotation and Transvers) Speed on The Transient Temperature Distribution in Friction Stir Welding of AA 7020-T53**", ARPJN Journal of Engineering and Applied Sciences, VOL. 7, NO. 4, APRIL 2012.
- Moneer Hameed Tolephih, Hatim Mohammad Mahmood, Adhraa Hussien Hashim , **Effect of tool offset and tilt angle on weld strength of butt joint friction stir welded specimens of AA2024 aluminum alloy welded to commercial pure copper**, Chemistry and Materials Research journal Vol.3 No.4, 2013.

- Qasim Mohammed Doos , Moneer Hamed Al Saadi , Ihsan Kadhoom Abbas Al Naimi , "**Improvement of Resistance Spot Welding by Surfaces Treatment of AA1050 Sheets**" , Journal of Engineering , Number 2 Volume 19 February 2013.
- Mohsen J. Joajj1, Moneer H. Tlafeh2, Abdullah D. Assi3, Esam T. Abdullah, "**Design and Manufacturing of A Hydrostatic Extrusion Apparatus for Compound Cylinders From AL and MG**", Diyala Journal of Engineering and Science, Vol. 06, No. 02, pp. 86-102, June 2013 .
- Moneer H. Al-Saadi , Dr. Sabah Khammass Hussein, "**Improvement of the Strength of Spot Welding Joint for Aluminum Plates Using Powders as Additive** , Eng. & Tech Journal, vol 31 part (A), No. 13 , 2013.
- Moneer H. Tolephih, Ibtihal A. Mahmood, Zainab W. Abdullah, "**Strain life of Shoot Peening AA2017-T4** ", Journal of King Abdul Aziz University, Engineering Science,
- Muhsin J. Jweeg, Moneer H. Tolephih Al-Saady, Abdullah Dhayea Assi , "**Evaluation of New Hypothetical Concept (LHSIR) for Die Profile Design for Hydrostatic Extrusion of Al/Mg Compound**" , Diyala journal of engineering and Science , Vol. 07, No. 01, pp. 40-60, March 2014.
- Ihsan K Al - Naimi, Moneer H Al-Saadi, Kasim M Daws and Niels Bay , "**Improving Resistance Welding of Aluminum Sheets by Addition of Metal Powder** ", Proceedings of the Institution of Mechanical Engineers, Part L: Journal of Materials Design and Applications , 28 April, 2014.
- Muhsin Jaber Jweeg, Moneer Hameed Tolephih, Muhammed Abdul-Sattar, "**Influence of Tool Geometry on the Quality and Mechanical Properties of FSW Weldment for Al-alloy (7020-T53)**" , Nahrain University, College of Engineering Journal (NUCEJ) Vol.17 No.1, 2014 pp36-49.
- H.M. Mahmood,S.S. Hassan and M.h. Tolephihm "**Experimental and Numerical Study of a New Improved Friction Stir Spot Welding for Aluminum Alloy Sheets**", University of Technology, Baghdad, 2015.
- Muhsin Jaber Jweeg, Moneer Hameed Tolephih, Muhammed Abdul-Sattar and G.S. Sadiq, "**Numerical and Experimental Analysis Of Transient Temperature and Residual Stresses in Friction Stir Welding of Aluminum Alloy**", ARPN Journal of Engineering and Applied Science 11, (19), 11663-11674, 2016.
- Moneer Hameed Tolephih, Sabah K. Hussein and M.L. Saad, "**Effect of Different Tool Geometries in Friction Stir Welding of AA 2042-T3 Using Design of Experiments**", Al-Nahrain Journal for Science (NJES) 20 (1), 19-26, 2017.