



FULL NAME : Arshed Abdulhamed Mohammed

SURE NAME: AL-Dulaimi

DATE OF BIRTH: 15-11-1973

NATIONALITY: Iraqi

MARITAL STATUS : Married

ADDRESS: Baquba- Diyala- Iraq

MOBILE : +9647819023530

E- Mail : arshad_ald@yahoo.com

EDUCATION BACKGROUND

1988-1990 *The Secondary school* :- AL-Markazea Secondary School

1991-1995 *B.Sc.:* B.Sc. in Mechanical Engineering- University of Technology -Baghdad

1999-2002 *MS.c:* MS.c in Mechanical Engineering/ Applied Mechanics University of Technology-Baghdad.

2010-2014 *PHD* PH.D in Mechanical Engineering and Material- College of Engineering- University of Kebangsaan Malaysia (UKM)

MSc Thesis Title : - “Analysis of Static Stresses and Dynamic Behavior of Spur Gearing of Dams Gates by using finite element method”

PH.D Thesis Title: Design of A Piezoelectric Ceramic Transducer Based Mechanical Properties Test For Refractory Metals.

PROFESSIONAL BACKGROUND

PRACTICAL BACKGROUND

1995-1999: An Engineer in (Pumping stations and Diesel generators) - Ministry of Irrigation

ACADIMIC BACKGROUND

2002- 2003 Head master of a Unit of Scientific Matters In College of Engineering- Diyala University-Iraq

2003-2004 Assistant Dean In College of Engineering- Diyala

University-Iraq

2004-2010 A Lecturer in Electronic Engineering Department

2010-2014 PH.D student in Malaysian national University(UKM).

2014- until A Lecturer in Electronic Engineering Department

Languages : Arabic and English

Area Interesting: Acoustic, Smart Material (Piezoelectric Elements), Control and Signal Processing.

Publication

[1] A.A. Mohammed, S.M. Haris, M.Z. Nuawi, *Utilizing Hilbert–Huang transform in detection some of mechanical properties of the refractory metals*, **Mechanical Systems and Signal Processing**, 68–69 (2016) 449-461.

[2] A.A. Mohammed, S.M. Haris, M.Z. Nuawi, *Using the pressure transmission coefficient of a transmitted wave to evaluate some of the mechanical properties of refractory metals*, **Ultrasonics**, 55 (2015) 133-140.

[3] A.A. Mohammed, S.M. Haris, M.Z. Nuawi, *Influence of a silver epoxy dopant on the performance of broken piezoelectric ceramic transducer based on an analytical model*, **Smart Materials and Structures**, 23 (2014) 045036.

[4] A.A. Mohammed, S.M. Haris, M.Z. Nuawi, *Determination of Static Modulus of Elasticity of Refractory Metals and Alloys from Acoustic Impedance Tests*, **Australian Journal of Basic and Applied Sciences**, 8 (2014) 126-129.

[5] A.A. Mohammed, S.M. Haris, M.Z. Nuawi, *A Smart Way to Increase the Frequency and Degree of Protection of Piezoelectric Ceramic Transducers in: IEEE Student Conference on Research & Development 2013, 2014.*

[6] A.A. Mohammed, S.M. Haris, M.Z. Nuawi, *The New way To Find The Modulus of Elasticity*, **Asian Journal of Applied Sciences**, (2014).

[7] A.M. Arshed, S.M. Haris, M.Z. Nuawi, *Performance evaluation and compression of some actuators and sensors piezoelectric elements*, in: **Instrumentation & Measurement, Sensor Network and Automation (IMSNA)**, 2012 International Symposium on, 2012, pp. 65-70.