**CURICULUM VETA FOR**

**LECTURER. DR. ENG. AHMED ABED ALI GHAIDAN**

**Personal details:**

* **Name:** Ahmed Abed Ali Ghaidan AL-RUBAIY



* **Nationality:** Iraqi
* **Gender:** Male
* Place & date Birth: Iraq / Muqdadiya / 1973
* **E-mail:** ghaidan5@yahoo.com and

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* **Mobile:** +964 77018124311
* **Postal Address:** Department of Material Engineering, College of Engineering, Diyala University, Baquba City, Diyala Governorate, ZIP 32001, Iraq.

**Profile:**

A highly motivated and experienced lecturer, I am currently looking to resume my professional career after dedicating the last four years to finish my PhD. I have excellent admin skills, thorough knowledge of all modern information technology, as well as proficiency in experimental research and extensive experience in the academic community. I have the ability to work both individually and as a member of a team.

**Area of interest:**

* Laser Doppler Anemometry (LDV), Particle Image Velocimetry (PIV)
* Experimental Fluid Mechanics, Turbulence Modelling
* Engineering Thermodynamics
* Porous media
* IR thermography
* Signal and Image processing

**Education:**

* **PhD. Mechanical Engineering** University of Sheffield- UK- January 2018.

*Thesis Title:* The Effect of Surface Roughness and Free Stream Turbulence on the Flow and Heat Transfer around a Circular Cylinders.

* **M.Sc., Master of Science in Mechanical Engineering** / AL-Mustansiriya University /Baghdad/2006. (English Curriculum)

Thesis Title: Study of Rotating-stall and Pressure Fluctuation in a Volute of High-speed Centrifugal Fan

* **B.Sc., Bachelor of Mechanical Engineering** College of engineering / AL-Mustansiriya University / Baghdad/1995. (English Curriculum)

**Working history:**

* Assessor engineer in Northern state company for fertilizer Industry (BaijiIraq) (1995-2006).
* Researcher (M.Sc. student) in the AL-Mustansiriya University / Baghdad (2002-2006).
* Ass. Lecture in University of Orebro/ Sweden from (2006-2009).
* Ass. Lecture in engineering College / Mechanical department / University of Diyala from (2009-2011).
* Researcher and as a GTA (Graduate Teaching Assistant) in the Mechanical Engineering department at the University of Sheffield (2014-2018).
* Lecture in engineering College / Mechanical department / University of Diyala (2018-until now).
* Participating in “applications of methods of statistical test planning”, TU BERGAKADEMIE FREIBERG, Nov.2009.
* Participating in “Introductory course of COMSOL Multiphysics”, TU BERGAKADEMIE FREIBERG, Dec. 2009.
* Internal Auditor ISO 9001-2002.

**Extra Activities:**

* Iraqi engineer’s association member since 1994 (Consultant Eng.).
* Recognized as an Associate Fellow of the Higher Education Academy- UK.

**Skills:**

* **Language** - Fluent in Arabic, Excellent in English
* **Computer Skills** - Microsoft Office, MATLAB, Solid work, ANSYS, LabView, and several popular accounting packages.

**Courses Taught:**

Computer Fundamental and programming, Engineering Drawing and AutoCAD, Mechanical Drawing, Descriptive geometry, Application Mathematics, Engineering Analysis, Numerical analysis, Fluid Mechanics, heat transfer, Thermodynamics, Thermodynamics of Materials, aerodynamics, gas dynamics, power plant, Turbomachinery.