

السيرة الذاتية د.أحمد عبد علي غيدان

معلومات شخصية:



➤ اللقب العلمي : استاذ مساعد
➤ محل و تاريخ الولادة: 28-4-1973 بغداد – العراق
➤ الجنسية : عراقي
➤ الحالة الزوجية : متزوج.
➤ رقم الهاتف النقال : 009647718124311
➤ البريد الالكتروني: and
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➤ عنوان العمل : Department of Material Engineering, College of Engineering, Diyala University, Baquba City, Diyala Governorate, ZIP 32001, Iraq.

الملف الشخصي:

بصفتي محاضراً متحمساً وذو خبرة ممتازة ، أتطلع حالياً لاستئناف مسيرتي المهنية بعد الإنتهاء من دراسة الدكتوراه. لدي مهارات إدارية جيدة ، ومعرفة شاملة بجميع تقنيات المعلومات الحديثة ، فضلاً عن إتقان في البحث التجريبي وخبرة واسعة في المجتمع الأكاديمي. لدي القدرة على العمل بشكل فردي وكعضو في فريق.

مجالات الاهتمام:

➤ Laser Doppler Anemometry (LDV), Particle Image Velocimetry (PIV)
➤ Experimental Fluid Mechanics, Turbulence Modelling
➤ Engineering Thermodynamics
➤ Porous media
➤ IR thermography
➤ Signal and Image processing
➤ Finite Element Analysis using ANSYS, COMSOL – Software
➤ Thermal Properties and Materials Characterization

المؤهلات العلمية:

- PhD. Mechanical Engineering** دكتوراه هندسة ➤
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** ماجستير هندسة ➤
/ 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** بكالوريوس هندسة ➤
College of engineering / AL-Mustansiriya University / Baghdad/1995.
(English Curriculum)

التاريخ الوظيفي و الدورات التدريبية:

- 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).
- TU ,Participating in “applications of methods of statistical test planning” ➤
BERGAKADEMIE FREIBERG, Nov.2009.
- Participating in “Introductory course of COMSOL Multiphysics”, TU ➤
BERGAKADEMIE FREIBERG, Dec. 2009.
- Internal Auditor ISO 9001-2002. ➤

الفعاليات الاضافية والعضوية

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

المهارات:

- اللغوية: - Fluent in Arabic, Excellent in English
- مهارات في الحاسوب: 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.

البحوث المنشورة

- Thermal performance of double-layer porous copper strips mounted as hollow cylinders Alrubaiy, A.A., Al-Bakri, B.A.R., Aljuhashy, R.M. Periodicals of Engineering and Natural Sciences, 2021, 9(2), pp. 784–798
- Effect of Operating Conditions on The Performance of Shell and Tube Service Condenser. Alrubaiy, A.A., Al-Bakri, B.A.R., Aljuhashy, R.M. Journal of Mechanical Engineering Research & Developments, 2021, Vol. 44, No. 8, pp. 175-187
- CO2 laser spot welding of thin sheets AISI 321 austenitic stainless steel Shehab, A.A., Nawi, S.A., Al-Rubaiy, A.A.A.G., ...Alali, M.S., Ali, S.D. Archives of Materials Science and Engineering, 2020, 106(2), pp. 68–77
- Experimental And Computational Investigation of Flame Holders In Combustion Chambers At Different Thermal Loads Alhumairi, M.K.A., Yahya, S.G., Azzawi, I.D.J., Al-Rubaiy, A.A. Journal of Thermal Engineering, 2020, 6(6), pp. 369–378
- Characteristics of acoustic drivers for efficient coupling to thermoacoustic machines. Yahya, S.Gh., Azzawi, I.D.J., Abbas, M.K., Al-Rubaiy, A.A.A.G. Lecture Notes in Engineering and Computer Science, 2019, 2239, pp. 469–474

المزيد من المعلومات عن النشاط العلمي يمكن ايجادها على روابط التواصل الاجتماعي و العلمي :

<https://www.researchgate.net/profile/Ahmed-Al-Rubaiy>

<https://www.webofscience.com/wos/author/record/F-4589-2019>

<https://orcid.org/my-orcid?orcid=0000-0002-3331-321X>

<https://scholar.google.com/citations?hl=en&pli=1&user=0FaPMMgAAAAJ>

<https://www.scopus.com/authid/detail.uri?authorId=57208770120>