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**Academic Curriculum Vitae**



**Personal Information:**

Full Name: Azad Mohammed Ali Saber

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**Education:**

* From 1994–1995 to Bachelor – AL-Mustansiria University
* From 1995–1997 to Master – AL-Mustansiria University
* From 2005–2009 to PhD – Salahaddein University

**Employment:**

* From 1998–2023 present in Salahaddein University/ Lecturer.

**Teaching experience:**

* Modern Control Engineering.
* Process Control system
* Pneumatic & hydraulics
* Vibration analysis.
* Mathematics for all Engineering classes.
* Engineering Analysis.
* Static and dynamic mechanical Engineering.
* Strength of Materials.
* Theory of Machines and Mechanisms.
* Machine Elements Design.
* Computer Langauges such as Fortran, Matlab, C, and C++.
* Engineering Drawing & AutoCad, Solidworks, and Ansys Design software.

**Research and publications**

* Elastic and Plastic Stress Analysis of Composite Beams under Distributed Load. Applied Mechanics and Materials, Vol. 232, pp 63-67. Trans. Tech Publications, Switzerland 10.4028/www.scientific.net/AMM.232.63. [citation index, impact factor=1.7~2].
* Active vibration control analysis in smart composite structures using ANSYS. Vol.36, Issue 2, DOI: 10.23967/j.rimni.
* The Thermohydodynamic Effects of Worn-Circular Bearing in the Turbulent Flow Regime. Zanco Journal, Vol.12, No.1, 2000.
* Thermohydrodynamic Analysis of Orthogonal Displaced Bearing Operating in Turbulent Flow Regime. Zanco Journal, Vol.13, No.1, 2001.
* Thermo-Elastic Deformation of the Journal Bearing Operating at Turblent Flow Regimes. Zanco Journal, Vol.16, No.3, 2004.
* The Effect of Pressure on the Stress distributions in the Cylinder Block of I.C.Engines. Zanco Journal, Vol.17, No.1, 2005.
* The Temperature Effect in Double-Layered Journal Bearings. Zanco Journal, Vol.17, No.2, 2005.
* Notched and Un-Notched Behavior Discontinuous Glass Fiber/Epoxy Systems. Zanco Journal, Vol.24, No.2, 2012.
* Experimental Stress Analysis for Woven Carbon, Glass, and Kevlar Laminate Shells. Diyala Journal of Engineering Sciences, Vol.11, No.4, 2018.
* Analysis of Smart Composite Shell Structures Including Vibration and Control Systems. Zanco Journal, accepted in 16/4/2017.
* Analytical and finite element investigation on residual stress analysis for composite thermoplastic cantilever beam under unique load, <https://doi.org/10.1016/j.matpr.2023.08.353>, 9/9/2023.

**Conferences and courses attended**

* Investigation of Transient Multi-Dimension Temperature Distributions in different Ducts, Using Finite Element Method. First Middle East International Conference on Advanced in Civil, Mechanical and Materials Engineering, Amman Jordan, 10-13 May 2005.
* Elastic Stress Analysis of Laminated Composite Plates Experimentally. The International Conference on Experimental Mechanics 2010 (ICEM 2010) (29 Nov – 1 Dec 2010) Malysia.
* Thermo-Mechanical Coupling of Laminated Composite Plates using Finite Element Methods.3rd International Conference (Advanced Composite Materials Engineering and International Conference Research and Innovation in Engineering) (COMAT 2010) (27-29 October 2010, Brasov, Romania).

**Professional Social Network Accounts:**

<https://scholar.google.com/citations?hl=en&user=yF9DNwIAAAAJ>

<https://www.researchgate.net/profile/Azad-Saber>

<https://orcid.org/my-orcid?orcid=0000-0002-7662-2282>