



College of Engineering  
Academic Accreditation Committee



## ● Personal Information

**Name:** Arz Yahya Rzayyig Qwam Alden

**Marital Status:** Married

**Specialization:** Mechanical Engineering

**Position:** Faculty member (Department Rapporteur)

**Scientific Degree:** Ph.D.

**Academic Title:** Asst. Prof.

**Languages:** Arabic + English

**Work Address:** University of Anbar- College of engineering- Mechanical Deepartment

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## ● Scientific Certifications

Scientific degree	University	College	Year of graduation
B.Sc.	Anbar	Engineering	2001
M.Sc.	Anbar	Engineering	2005
Ph.D.	Western Michigan University	Engineering	2018

## ● Career

**No of total careers: 6**

No.	Career	Workplace	From -To
1	Academic Staff	University of Anbar	2003-present
2	Director of Registration Unit	University of Anbar	2005-2007
3	Administer of Planning and Follow-up Unit	University of Anbar	2007-2008
4	Supervision and laboratory assistant	Western Michigan University	2013-2018
5	Chair of Academic Accreditation Committee	University of Anbar	2021-present
6	Department Rapporteur	University of Anbar	2022-present

- Teaching Experiences**

NO of total courses have taught: 6

No.	Department	Subject	From – To
1	Mechanical	Design of machine element	2007, 2010-2013, 2018 -present
2	Mechanical	Theory of vibration	2008 & 2009
3	Mechanical	Drawing and Descriptive Geometry	2005-2013, 2022
4	Biophysics	Mechanics	2019-present
5	Mechanical	Mechanics of material	2019
6	Mechanical	Numerical analysis	2012

- Most recent published papers**

NO of total papers have published: 28

No.	Journal name	Paper title	Year of published
1	Structural Health Monitoring	A novel index for vibration-based damage detection technique in laminated composite plates under forced vibrations: experimental study	2023
2	International Journal of Mechanical Engineering	Enhancing Productivity of the Pipe Manufacturing Industry: a Simulation Model	2022
3	IOP Conference Series: Materials Science and Engineering	Dynamic Analysis of Damaged Carbon Nanotubes Micro-Beam Structures	2021
4	IOP Conference Series: Materials Science and Engineering	Evaluation of Machine Learning Models to Forecast COVID-19 Relying on Laboratory Outcomes Characteristics in Children	2021
5	Solid State Technology	Influence Of Internal Damage On The Vibration Behavior Of Metallic Beamstructures	2020

- Thesis and dissertation supervising**

NO of total : 1

No.	Thesis Title	Department	Year
1	Design and Manufacturing of Functionally Graded Plates Using Porous Distribution and Size by the Additive Manufacturing process	Mechanical	2021-2022
2			

- Memberships**

No.	Association	Country	Year
1	Iraq Society for Engineers	Iraq	2001 - Present
2	Association of Researchers and University Teaching	Iraq	2005 - Present