



College of Engineering
Academic Accreditation Committee



● Personal Information

Name: Dr. Khaldoon Fadhel Brethee

Marital Status: Married

Specialization: Iraqi

Position: Lecturer

Scientific Degree: Assistant Professor

Academic Title: Dr.

Languages: Arabic

Work Address: University of Anbar, Engineering College

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Scientific degree	University	College	Year of graduation
B.Sc.	University of Anbar	Engineering	2000
M.Sc.	University of Anbar	Engineering	2003
Ph.D.	University of Huddersfield	Engineering	2018

● Scientific Certifications

No.	Career	Workplace	From -To
1	Lecturer	University of Anbar	2004 - 2013
2	Supervision and laboratory assistant	University of Huddersfield	2013 - 2018

3	Assistant Professor	University of Anbar	2021 - ...
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- Career**

No of total careers: 3

- Teaching Experiences**

NO of total courses have taught: 7

No.	Department	Subject	From – To
1	Mechanical Engineering	Engineering Mechanics, Control Systems, Engineering Drawing, Mechanical Vibration, Engineering Mathematics, Engineering Analysis	2004-2013
2	Electrical Engineering	Engineering Mechanics	2004-2013
3	Mechanical Engineering	Advance Engineering Control, Engineering Mechanics, Control Systems, Engineering Drawing, Mechanical Vibration, Engineering Mathematics, Engineering Analysis	2018 - .

- Most recent published papers**

NO of total papers have published: 18

No.	Journal name	Paper title	Year of published
1	European Journal of Mechanics-A/Solids	Improved vibration based damage detection in laminated composite plate structures under free and forced modal analysis	2023
2	Arabian Journal for Science and	Monitoring of Bearing Based on High-Order Spectra Analysis of Electric Power Supply Signals	2023
3	Structural Health Monitoring	A novel index for vibration-based damage detection technique in laminated composite plates under forced	2023
4	Engineering Fracture Mechanics	Damage degradation modelling for transverse cracking in composite laminates under low-velocity impact	2022
5	International Journal of Computer Aided	Numerical analysis of lubricant viscosity variations on operating condition of helical gear system	2022

- Thesis and dissertation supervising**

NO of total : 3

No.	Thesis Title	Department	Year
1	Vibration analysis of gearbox system based on signal processing technique	Mechanical Engineering	2021
2	Free vibration analysis of sandwich panels with honeycomb core	Mechanical Engineering	2022
	Vibration Analysis of Simply Supported Beam Subjected to a Moving Load	Mechanical Engineering	2023

- Memberships**

No.	Association	Country	Year
1	International Committee of Annual Conference of The Efficiency and Performance Engineering Network (TEPEN)	UK	2021-2023
2	Post-graduation committee in Department of Mechanical Engineering/ University of Anbar	Iraq	2019-2023