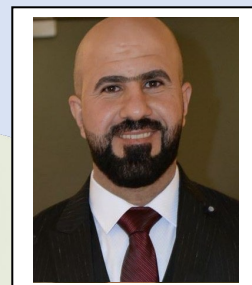




Faculty Member Academic Biography



Personal data

Name	Ali Khaleel Mahmood		
Current academic rank	Lecturer		
Workplace	Ninevah University	Academic department	Systems and Control Engineering
General specialization	Mechatronics	Specialization	Mechatronics
E-mail	ali.mahmood@uoninevah.edu.iq		

Academic qualifications

Degree	University Name	Country Studied at	Major	Graduation Date
BSc	University of Mosul	Iraq	Mechatronics	2010
MSc	Newcastle University	UK	Mechatronics	2014

Academic rank:

Academic rank	Date of Obtaining the rank	Academic rank granting Institution
Lecturer Assistance	2016	Ninevah University
Lecturer	2020	Ninevah University

Scientific production (published/accepted for publication):

Research Title	Place of publication	Country of publication	No.	Vol	date of publication
Comparison between Genetic Algorithms of Proportional–Integral–Derivative and Linear Quadratic Regulator Controllers, and Fuzzy Logic Controllers for Cruise Control System	World Electric Vehicle Journal	Switzerland	15	8	2024/8/5
Optimizing Antenna Azimuth Position Control using Fuzzy PD, Fuzzy PD-I, and Fuzzy PD-plus-I Controllers	Nanotechnology Perceptions	Switzerland	20	3	2024/4/20
Design of fractional order PID controller based on Genetic Algorithm Optimization for Vertical Take-off and Landing Platforms	Journal of Optimization and Decision Making	Turkey	2	2	2023/12/12
Design of an Integral Fuzzy Logic Controller for a Variable-Speed Wind Turbine Model	Journal of Robotics and Control (JRC)	Indonesia	4	6	2023/11/22
Adaptive Cruise Control of A Simscape Driveline Vehicle Model Using Fuzzy Logic Controller	Journal Européen des Systèmes Automatisés	France	56	5	2023/10/1
Design of Linear Quadratic Regulator Based on Genetic Model Reference Adaptive Control	Journal of Automation, Mobile Robotics and Intelligent Systems	Poland	16	3	2022
ADAPTIVE CRUISE CONTROL OF A SIMSCAPE DRIVELINE VEHICLE MODEL USING PID CONTROLLER	Journal of Engineering Science and Technology	Malaysia	16	1	2/1/2021

Conferences, scientific seminars and workshops in which I participated:

Research Title	Name of conference/seminar/workshop	Venue of the conference/seminar/workshop	Date
Antenna azimuth position control using fractional order PID controller based on genetic algorithm	IOP Conference Series: Materials Science and Engineering	Online	2021/5/1

Courses(s) I have taught:

Course name (subject)	Academic year	University/ Institution
Control I	2022-2023	Ninevah University
Control II	2022-2023	Ninevah University

Note: This CV has been updated until 20/ 2 / 2025