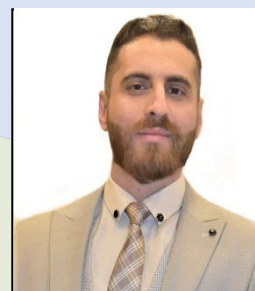




Faculty Member Academic Biography



Personal data

Name	Mohammed Nussrat Younus Almagd		
Current academic rank	Assistant Professor		
Workplace	College of Electronics Engineering	Academic department	Systems and Control Engineering
General specialization	Mechatronics Engineering	Specialization	Control System Engineering
E-mail	Mohammed.younus@uoninevah.edu.iq		

Academic qualifications

Degree	University Name	Country Studied at	Major	Graduation Date
MSc	Newcastle University	UK	Mechatronics Engineering	22/10/2015
BSc	Mosul University	Iraq	Mechatronics Engineering	03/07/2011

Academic rank:

Academic rank	Date of Obtaining the rank	Academic rank granting Institution
Assistant Professor	10/01/2024	Ninevah University

Practical experiences:

Time period		Employer	Job Title
from	to		
2011	2014	Mass Holding	Field Engineer
2016	2017	Mass Holding	CCR Engineer
2016	Till now	Lecturer	Ninevah University

Scientific production (published/accepted for publication):

Research Title	Place of publication	Country of publication	No.	Vol	date of publication
Fractional order based on genetic algorithm PID controller for controlling the speed of DC motors	International Journal of Engineering & Technology	Jordan	4	7	2018
Virtual Instruments Based Approach to Vibration Monitoring, Processing and Analysis	International Journal of Instrumentation and Measurement	Bulgaria	1	4	2019
Design of a discrete PID controller based on identification data for a simscape buck boost converter model	International Journal of Power Electronics and Drive Systems	Indonesia	4	10	2019
Autonomous Model Vehicles: Signal Conditioning and Digital Control Design	International Journal of Engineering and Innovative Technology (IJEIT)	INDIA	3	8	2018
Adaptive Cruise Control of a simscape driveline vehicle model using pid controller	Journal of Engineering Science and Technology	Malaysia	1	16	2021
Driverless model cars: A review and analysis of autonomous vehicle literature on technology and application	International Review of Automatic Control (IREACO)	Italy	2	13	2020
Quantitative design analysis of an electric scissor lift	American Academic Scientific Research Journal for Engineering, Technology, and Sciences	US	1	59	2019
Forward and inverse kinematic analysis and validation of the ABB IRB 140 industrial robot	Journal of Mechanical Engineering and Technology (JMET)	Malaysia	2	9	2017
ISO Stress Analysis and Micro Geometry Corrections of Parallel Axis Gearbox Using DONTYNE Systems Gear Production Suite	International Journal on Engineering Applications (I.R.E.A.)	Italy	5	8	2020
Aircraft Pitch Angle Control Using Pole Placement Approach Based on GA and ABC Optimization Techniques.	Przegląd Elektrotechniczny	Poland	3	98	2022
Design of an integral fuzzy logic controller for a variable-speed wind turbine model	Journal of Robotics and Control (JRC)	Malaysia	6	4	2023
Adaptive Cruise Control of A Simscape Driveline Vehicle Model Using Fuzzy Logic Controller.	Journal Européen des Systèmes Automatisés	France	5	56	2023

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
Nonlinear model predictive control-based collision avoidance for mobile robot	Journal of Robotics and Control (JRC)	Malaysia	1	5	2024

Conferences, scientific seminars and workshops in which I participated:

Research Title	Name of conference/seminar/workshop	Venue of the conference/seminar/workshop	Date
Comparative Study of LQR, LQG and PI Controller Based on Genetic Algorithm Optimization for Buck Converters	11th International Conference on Electrical and Electronics Engineering (ELECO)	Turkey	2019
Antenna azimuth position control using fractional order PID controller based on genetic algorithm	IOP Conference Series: Materials Science and Engineering	Iraq	2021

Courses(s) I have taught:

Course name (subject)	Academic year	University/Institution
Digital Techniques I	2017-2020	Ninevah University
Digital Techniques II	2017-2020	Ninevah University
Fluid Mechanics	2017-2022	Ninevah University
Thermodynamics	2017- till now	Ninevah University
Measurements and Sensors	2022-till now	Ninevah University

Note: This CV has been updated until 20 / 02 / 2025