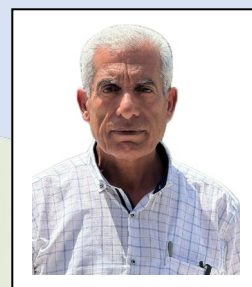




Faculty Member Academic Biography



Personal data

Name	Abdullah Ibrahim Abdullah		
Current academic rank	Asst. Prof.		
Workplace	Electronics Engineering College	Academic department	System and control Engineering
General specialization	Electrical Engineering	Specialization	Control Engineering
E-mail	abdullah.abdullah@uoninevah.edu.iq		

Academic qualifications

Degree	University Name	Country Studied at	Major	Graduation Date
M.Sc.	Bagdad University	Iraq	Control Engineering	17/1/1995

Academic rank:

Academic rank	Date of Obtaining the rank	Academic rank granting Institution
Asst. Prof.	20/3/2022	Ninevah University

Practical experiences:

Time period		Employer	Job Title
from	to		
1/12/2008	17/2/2025	Ninevah University	lecturer

Scientific production (published/accepted for publication):

Research Title	Place of publication	Country of publication	Number	Vol	date of publication
Balancing a Segway robot using LQR controller based on genetic and bacteria foraging optimization algorithms	TELKOMNIKA	Indonesia	5	18	2020
Fractional order PID controller design for speed control DC motor based on artificial Bee colony optimization	International Journal of Computer Applications	Germany	24	179	2018
Position control of robot arm using genetic algorithm based PID controller	Al-Rafidain Engineering, Mosul, Iraq	Iraq	6	21	2013
Elevation, pitch and travel axis stabilization of 3DOF helicopter with hybrid control system by GA-LQR based PID controller	International Journal of Electrical and Computer Engineering (IJECE)	Germany	2	10	2020
Design of a discrete PID controller based on identification data for a Simscape buck boost converter model	International Journal of Power Electronics and Drive	Indonesia	4	10	2019
Roll control system design using auto tuning LQR technique	International Journal of Engineering and Innovative	India	1	7	2017

Nonlinear model predictive control-based collision avoidance for mobile robot	Journal of Robotics and Control (JRC)	Indonesia	1	5	2024
Design of optimized linear quadratic regulator for capsule endoscopes based on artificial bee colony tuning algorithm	International Journal for Engineering Modelling	Croatia	2	31	2018
Optimization control of DC motor with linear quadratic regulator and genetic algorithm approach	Tikrit Journal of Engineering Sciences	Turkish	5	20	2024
Genetic algorithm (GA) based optimal feedback control weighting matrices computation	Al-Rafidain Engineering	Iraq	5	21	2013
PID Controller Design and Simulation for Aircraft Roll Control Based on Evolutionary Technique Using MATLAB	International Journal of Engineering and Innovative	India	3	8	2018
Aircraft Pitch Angle Control Using Pole Placement Approach Based on GA and ABC Optimization Techniques	Przegląd Elektrotechniczny	Germany	3	98	2022
Linear Quadratic Regulator Using Artificial Immunize System	Al-Rafidain Engineering Journal	Iraq	3	20	2012
Design of fractional order PID controller based on Genetic	Journal of Optimization and Decision Making	Turkish	2	2	2023

Algorithm Optimization for Vertical Take-off and Landing Platforms					
NMPC Based-Trajectory Tracking and Obstacle Avoidance for Mobile Robots.	International Journal of Robotics & Control Systems	Indonesia	4	4	2024

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	1st International Ninevah Conference on Engineering and Technology (INCET 2021)	Iraq	2021
Comparative Study of LQR, LQG and PI Controller Based on Genetic Algorithm Optimization	International Conference on Electrical and Electronics Engineering, ELECO	Turkish	2019
Comparative Study of LQR, LQG and PI Controller Based on Genetic Algorithm Optimization	https://ieeexplore.ieee.org/xpl/conhome/8972036/proceeding	England	2019
Helicopter Stabilization Using Integer and Fractional Order PID Controller Based on Genetic Algorithm	Proceedings of the 1st International Multi-Disciplinary	Turkish	2020

Courses(s) I have taught:

Course name (subject)	Academic year	University/ Institution
Engineering Analysis I	2008-2022	Ninevah University
Engineering Analysis II	2008-2022	Ninevah University
Digital Control	2016-2025	Ninevah University
Advanced Control System	2018-2025	Ninevah University
Lab.of digital Control	2016-2025	Ninevah University
Lab.of Advanced Control system	2018-2025	Ninevah University

Note: This CV has been updated until 17/ 2 / 2025

