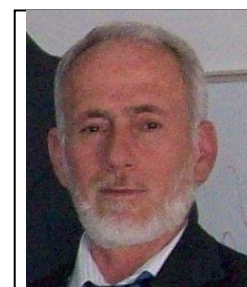




Personal Details

Name	Osama Ali Awad
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Education

University Name	Degree	Issue Date	Field	Country
University of Technology	B.Sc.	1978	Control and Systems	Iraq
University of Technology	Higher Diploma	1980	Control & Instrumentation	Iraq
University of Technology	M.Sc.	1982	Control Engineering	Iraq
University of Technology	Ph.D	2005	Control & Automation	Iraq

Teaching Experience

<p><u>B.Sc. Courses</u> – Microprocessors – Control Engineering – Digital System Design – Computer Programming – Information Technology Fundamentals – Numerical Analysis - Assembly programming – Computer Organization and Architecture – Microcontrollers – Operation Research – Instrumentation and Measurements Intelligent systems.</p>
<p><u>M.Sc. Courses</u> – Soft computing - Advanced Control Engineering - Wireless Sensor Networks</p>

Current Research Interest

Fuzzy Control – Nonlinear Control Systems – Soft computing Algorithms – PID switching Controllers
Networked Control Systems – Optimal and Adaptive control – Wireless Sensor Networks (WSN)
Intelligent Systems – Robotics

Research Activities

– Fuzzy Gain Scheduling Controller for NCS.	– A new Approach to Fuzzy PID Controllers.
– Wavelet Multiresolution PID controller for Active queue Management routers	
– TCP Congestion Control using Fuzzy Fractional PID Controllers.	
– Anti- Theft Vehicle Tracking system using Raspberry Pi Microcontroller	- Energy Aware Protocols for WSN

Publications

No. of Conference papers	3	No. of Published papers in Journals	12
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Postgraduate Supervision

MSc Students	11
PhD Students	-