

CV



Name: *Dr. Ali Hussein Hamad*

DoB: *Feb – 8- 1973*

General Specialization: *Control and Systems Engineering*

Specific Specialization: *Control and Systems Engineering*

Scientific Degree: *Ph.D (Lecturer)*

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Google Scholar Link :

<https://scholar.google.com/citations?hl=ar&img=Ali+H.+Hamad&user=6UOg9hcAAAAJ>

Scientific Certification:

No.	Certificate	Country	University	College	Date
1	Ph.D	Iraq	Basrah	Engineering	2016
2	M.Sc.	Iraq	University of Technology	Control and Systems	2000
3	B.Sc.	Iraq	University of Technology	Control and Systems	1997

University Teaching:

No.	Faculty	University	Dated (from – to)
1	Information and communication engineering department	Baghdad	2003–
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Thesis titles

No.	Research Title	Branch	M.Sc. / PhD.	Year
1	Internet of things based secure healthcare monitoring system using wireless sensor network	Control and systems	Ph.D.	2016
2	Design and implementation of a rotary table driven by hydraulic actuators for trajectory generation	Control and systems	M.Sc.	2000

Courses You Taught:

No.	Branch	Material	Year
1	Control and PC interfacing	theoretical	2000-
2	Digital electronics	theoretical	2003-2010
3	Computer aided design and drawing	Theoretical and practical	2008-
4	Data analysis and visualization	practical	2015-2016
5	microprocessor	Theoretical and practical	2016-2017
6	Logic	Theoretical and practical	2016-2017
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Published Researches in/out Iraq:

No.	Research Title	Scientific Journal	Issue	Vol.	Issuer Journal
1	Chaos Theory and DNA Computation Based Data Encryption System for E-Healthcare Monitoring System	Journal of Information Engineering and Applications	2015	5	IISTE
2	A New Real Time Resources Efficient Algorithm for ECG Denoising, Feature Extraction, and Classification Based Wearable Sensor Network	International Journal of Biomedical Engineering and Technology	2015	18	Inderscience Enterprises Ltd.
3	Improve Quality of Service using a Collaborative Work of Wearable Wireless Body Area Sensor Network for Patients Fall Detection	Basrah journal of science	Accepted		University of basrah
4	Modified Vector Field Histogram with a Neural Network Learning Model for Mobile Robot Path Planning and Obstacle Avoidance	International Journal of Advancements in Computing Technology	2010	02	ijact
5	A Developed Modified OSAP Controller with Repetitive Control Action for UPS	International Journal of Advancements in Computing Technology	2010	02	ijact
6	Path Planning of Mobile Robot Based on Modification of Vector Field Histogram using Neuro-Fuzzy Algorithm	International Journal of Advancements in Computing Technology	2010	03	ijact
7	Design and implementation of microcontroller based curing light control of dental system	Al Khwarzmi engineering journal	2006	02	University of Baghdad
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