CV-professional: Asst. Prof. Dr. Lafta Esmaeel Jumaa Alkurawy

First : Personality information

- Scientific title : Assistant Professor Dr. Lafta Esmaeel Jumaa Alkurawy
- Place and date of birth : 10/12/1967 Baghdad / Iraq
- H- index factor : 4
- Nationality: Iraqi
- Marital status : Married
- Mobile phone number : 07722049254
- Email: lafta.alkurawy@gmail.com
Lafta.alkurawy@uodiyala.edu.iq
- Work address : College of engineering / University of Diyala/ Baquba

Second : Academic qualifications

- Ph.D degree : Department of electrical and computer engineering / Control / University of Missouri in the U.S.A.
- Master degree :Department of control and systems engineering / Control / University of Technology / Baghdad / Iraq.
- Bs.c. degree : :Department of control and systems engineering / Control / University of Technology / Baghdad / Iraq.

Third : Training , courses and membership

- Course in Teaching Methods and Language Safety - University of Diyala - 2003.
- Preparing and participating in more than one course, workshop, and symposium in the fields of general and exact scientific specialization - 2003-2021.

Fourth : Languages

- Arabic and English.

Fifth : Employment history and administrative positions

- Responsible for marketing scientific products unit
- Head of the Department of Capacity Engineering.

- Lecturer - Department of Ability - Department of Communications - Department of Electronics from 2003-2021.
- Chairman of several committees in the College of Engineering and the Ministry.

Sixth : Prizes and Honors:

- Obtaining several certificates of appreciation from the university presidents and college deans.
- Obtaining an appreciation award from Al-Ameed University in Karbala.

Seventh : Letters of thanks and appreciation:

- Minister
- Rector of a university
- Assistant to the President of the University
- Dean

Eighth: published research Scientific research published in various international journals, according to the table below:

ت	Name of thesis	Name of publisher	ISSN
1	Prediction the data consumption for power demands by Elman neural network	International Journal of Electrical and Computer Engineering	2088-8708
2	Simulation of Robust Control of Magnetic Levitation System	Journal of Engineering and Applied Sciences	1816-949X
3	Model predictive control of magnetic levitation system.	International Journal of Electrical and Computer Engineering (IJECE)	2088-8708
4	Design of H∞ for induction motor	International Journal of Power Electronics and Drive System (IJPEDS)	2088-8694
5	Neural Network and Control for Arterial Oxygen Saturation in Neonatal Infants	Journal of Engineering and Applied Sciences	1816-949X
6	Recursive least square and control for PUMA robotics	Indonesian Journal of Electrical Engineering and Computer Science	2502-4752

7	Modeling, Identification and Control of Inverse Kinematic of PUMA Robots	*International Journal on Engineering Applications (I.R.E.A.)*	*2281-2881*
8	Design and implementation a smart seat for handicap people	ARPN Journal of Engineering and Applied Science	1819-6608
9	Modeling and Identification of Human Heart System	*International Journal on Engineering Applications (I.R.E.A.,*	*2281-2881*
10	Robust and feedforward control for a nonlinear pneumatic servomechanism system	*Journal of southwest jiaotong university*	*0258-2724*
11	State feedback control for human inspiratory system	International Journal of Electrical and Computer Engineering (IJECE)	2088-8708

Ninth : Scientific Conferences; Participation in many conferences:

No	Name of Conference	Title of thesis	جهة النشر
1	2020 International Congress on Human-Computer Interaction, Optimization and Robotic Applications (HORA)	Linear Quadratic optimal control for Puma Robotics	IEEE
2	IOP Conference Series: Materials Science and Engineering	Design of an Efficient Controller for Steam Generator System	IEEE
3	MODELLING AND CONTROL OF ARTERIAL OXYGEN SATURATION IN NEONATAL INFANTS	Diyala Journal of Engineering Sciences	
4	2018 1st International Scientific Conference of Engineering Sciences-3rd Scientific Conference of Engineering Science (ISCES)	Model predictive control for DC motors	IEEE

Tenth : More information about the scientific activity can be found on the social and scientific communication links:

Research Gate https://www.researchgate.net/profile/Lafta-Alkurawy

Acadimeca.edu https://independent.academia.edu/AlkurawyLafta?from_navbar=true

GoogleScholar https://scholar.google.com/citations?user=ZK__sDsAAAAJ&hl=en

ORCID http://orcid.org/0000-0002-1609-190X

Publons https://publons.com/researcher/1774265/lafta-e-alkurawy/

Edas https://www.edas.info/showPerson.php?p=1458862

Scopus https://www.scopus.com/authid/detail.uri?authorId=57202359839