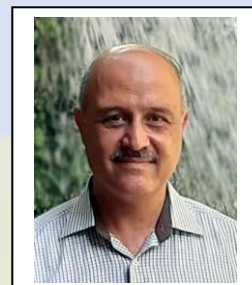




Faculty Member Academic Biography



Personal data

Name	Dr. Qais Thanon Najim		
Current academic rank	Professor		
Workplace	Electronics Eng.	Academic department	Electronic
General specialization	Physics	Specialization	Plasma
E-mail	qais.najim@uoninevah.edu.iq		

Academic qualifications

Degree	University Name	Country Studied at	Major	Graduation Date
B. Sc.	University of MOSUL	IRAQ		1992
M. Sc.	University of MOSUL	IRAQ		1997
Ph. D.	The Queen's University of Belfast	UK		2011

Academic rank:

Academic rank	Date of Obtaining the rank	Academic rank granting Institution
Asst. Lecturer	2004	University of MOSUL
Lecturer	2008	University of MOSUL
Asst. Prof.	2014	Ninevah university
Professor	2021	Ninevah university

Practical experiences:

Time period		Employer	Job Title
from	to		
1993	2003	Alkindy Company	Researcher
2004	Now	Ninevah University	Lecturer

Scientific production (published/accepted for publication):

Research Title	Place of publication	Country of publication	Number	Vol	date of publication
Ultraviolet C and Ozone Application for Detoxification of Aflatoxin B1, Ochratoxin A, and Fumonisin B1 in Poultry Feeds	Egyptian Journal of Veterinary Science	(Egypt)	4	56	2025
Gate engineering solutions to mitigate short channel effects in a 20 nm MOSFET	e-Prime - Advances in Electrical Engineering, Electronics and Energy	USA	100934	11	2025
The Effect of Quantum Dots on the Performance of the Solar Cell	Iraqi Journal for Electrical and Electronic Engineering	IRAQ	2	20	2024
Aflatoxin B1, ochratoxin A, and fumonisin B1 detoxification from poultry feeds by	Journal of Advanced Veterinary and Animal Research	Bangladesh	4	11	2024

corona discharge application					
Partial Discharge Features in a String of Air Bubbles Floating in Transformer Oil	IEEE Transactions on Plasma Science	USA	8	51	2023
Investigation of Aflatoxin B1, Ochratoxin A, and Fumonisin B1 in Poultry Feeds in Nineveh Province	Iraqi Journal of Veterinary Medicine	IRAQ	2	47	2023
Plasma-activated water application for detoxification of aflatoxin B1, ochratoxin A, and fumonisin B1 in poultry feeds	Open Veterinary Journal	Libya	13	12	2023
Simulating the Barrier Heights Impact on the Performance of Dissimilar Electrodes Metal-Insulator-Metal Diode	Przegląd Elektrotechniczny	POLAND	11	11	2023

The influence of the conduction band engineering on the perovskite solar cell performance	Results in Optics	USA	9	9	2022
---	-------------------	-----	---	---	------

Full details about the researches

<https://www.scopus.com/authid/detail.uri?authorId=42760950800>

Conferences, scientific seminars and workshops in which I participated:

Research Title	Name of conference/seminar/workshop	Venue of the conference/seminar/workshop	Date

Awards obtained:

Name of the award	The award granting institution	Date
The Iraqi High Education Prize on the Science for the best Paper in 2013	MOHESR	2013
European Plasma Society Prize for the best Paper in EPS conference 2010	EPS	2010

Courses(s) I have taught:

Course name (subject)	Level	University/ Institution
Plasma diagnostics	M.Sc.	Mosul
Solid state and IC fabrication	M.Sc	Ninevah
Opto-electronics Semiconductor	M.Sc	Ninevah
Solid state electronics	D. Sc.	Ninevah
Laser and Fiber Communications	B. Sc.	Mosul
Physical Electronics	B.Sc.	Ninevah
C++ programming	B.Sc.	Ninevah
Computer Science	B.Sc.	Ninevah

Supervising master's or doctoral theses:

Title	Degree	Date
Validity of Ultrasound Imaging in Predicting Cervical Lymph Nodes Metastasis in Patients with Oral Squamous Cell Carcinoma	PhD	2017
Study of the effect of electrical corona On the performance of SF ₆ gas	PhD	2019
Modeling and Electrical Characterization of Tandem Solar Cells	MSc	2020
Electrical characterization of collection efficiency in Perovskite solar cells.	MSc	2021
The effect of defects on Perovskite solar cell Performance	MSc	2021
Modeling the Dependence of the Excited Particles in the Negative Corona on the time of the Applied Electric Potential	MSc	2022
Simulating the impact of the physical parameters on electrical characteristics of tunnel diode	MSc	2023
Design and Simulation of High Efficiency Quantum-Dot Solar Cells Based on Nano-crystal Technology	MSc	2024
Comparative Study among Some Non-Thermal Technologies for Detoxification of Aflatoxin B1, Ochratoxin A and Fumonisin B1 in Poultry Feed	PhD	2024
Impact a High-k Dielectric Materials on the Semiconductor Devices Performance	MSc	2025

Note: This CV has been updated until 10 /4/ 2025

NINEVAH UNIVERSITY

جامعة نينوى