



## NAWROZ UNIVERSITY

Dr. Yasser A. Fadhel



### Personal Information

Nationality	Iraqi	Address	Duhok
Place & Date of Birth	27/12/1979		
Marital Status	Married	E-mail	yasser.fadhel@uod.ac

### Employment Information

Profession	Electrical Engineering	Scientific Title & Acquiring Date	Assistant Professor since 17-9-2010
Type of Relationship with the University	Part- Time contract	Name of contracted Party Institution	Nawroz University

### Academic & Scientific Degrees

Degree	Bachelor	Master	PhD
University Name	University of Mosul	University of Mosul	University of Mosul
Degree granting country	Iraq	Iraq	Iraq
Date of acquiring degree	July, 2002	May, 2005	July, 2013
Title of Master Thesis	Improvement of Antenna Radiation Pattern Using an Auxiliary Antenna		
<i>Fine Specialization</i>	Electronics and Communication Engineering		
Title of PhD Thesis	Design and Implementation of UWB Antennas for Imaging Applications		
<i>Fine Specialization</i>	Communication Engineering		

### Teaching Expertise

From	To	Scientific Title	University Name	Given(taught)Subject Materials
Sept., 2005	May, 2005	Lecturer Assist. / Staff Member	University of Koya	• Electrical Circuits (1 <sup>st</sup> year).

Aug., 2013	June, 2006	Lecturer Assist. / Staff Member	Mosul Institute of Technology	<ul style="list-style-type: none"> <li>• Electrical Circuits (1<sup>st</sup> year).</li> <li>• Digital Electronics (1<sup>st</sup> year).</li> <li>Microcontroller (2<sup>nd</sup> year).</li> </ul>
Oct. 2013	Up to Now	Lecturer /Staff Member	Duhok University	<ul style="list-style-type: none"> <li>• Electrical Circuits (1<sup>st</sup> year).</li> <li>• Electromagnetic Fields (3<sup>rd</sup> year).</li> <li>Microwave Engineering (4<sup>th</sup> year).</li> </ul>
Sept. 2010	June, 2013	Lecturer Assist. / Visitor	Duhok University	<ul style="list-style-type: none"> <li>• Microwave Engineering (4th year).</li> <li>• Microwave Engineering Lab. (4th year).</li> <li>Communication Engineering Lab. (4th year).</li> </ul>
Oct. 2006	June, 2007	Lecturer Assist. / Visitor	University of Salahaddin Electrical Eng. Dept.	<ul style="list-style-type: none"> <li>• Analogue Electronics-I (2<sup>nd</sup> year).</li> <li>Microelectronic Devices (3<sup>rd</sup> year).</li> </ul>

Managerial Expertise		
From	To	Employment Profession
March, 2005	Aug., 2006	Project Engineer in CDMA-Wireless Communication Project, at EDJV Co. under supervision of HUAWEI Company, Erbil-Kurdistan-Iraq.
Sept., 2005	May, 2005	Staff member and Head of the Department of Computer Engineering University of Koya, Erbil-Kurdistan-Iraq.
June, 2006	Aug., 2013	Staff Member as a lecturer assistant at Mosul Institute of Technology/ Department of Electronic Techniques.
Oct., 2006	June, 2007	Visitor Lecturer at University of Salahaddin / Department of Electrical Engineering.
Oct., 2010	June, 2013	Visitor Lecturer at University of Duhok / Department of Electrical and Computer Engineering.
Oct., 2013	Up to now	Staff Member as a lecturer at University of Duhok / Department of Electrical and Computer Engineering.
Oct., 2017	Up to now	Visitor Lecturer at Nawroz University / Department of Computer and Communication Engineering.

Scientific Researches		
Research Title	Publishing House	Date
Design of A Self-Complementary Planar Rectangular Monopole Antenna for Breast Cancer Detection	Technology Reports of Kansai University, Vol. 62, Issue 05, 18 June	2020

	2020.	
A Planar Self-Complementary Fractal Triangular Antenna for UWB Applications	ICOASE Conference, Duhok, Iraq, 2019.	2019
A Dual-band Planar Antenna for Wireless Local Area Network Applications	Polytechnic Journal 9(2):105-111 ISSN: 23135727, Erbil, Iraq, 2019.	2019
Efficient Techniques To Miniaturize The Size of PCMA	IEC2018 Conference, Erbil City, Kurdistan Region - Iraq.	2018
Design of A Planar UWB Antenna with Band Rejection		2017
Miniaturization of A Planar Strip-Shaped Monopole Antenna for WLAN Application	Journal of Duhok University Vol. 20, No.1, pp. 77-89.	2017
A Planar Self-Complementary Bow-Tie Antenna for UWB Applications	Progress In Electromagnetics Research C, vol. 35, pp. 253-567	2013
Design Aspects of UWB Printed Elliptical Monopole Antenna with Impedance Matching	Loughbrough Antennas and Propagation Conference LAPC2012, UK	2012
A Novel UWB Impedance Matching for planar Circular Monopole Antenna Via Meandering the Microstrip Feed Line	Proc. of ISAP2012, pp . 539 - 542 , Nagoya , Japan	2012
Self-Complementary Circular Disk Antenna for UWB Applications	Progress In Electromagnetics Research C, vol. 24, pp. 111-122	2011
An Improved Taper with Reduced Sidelobes Based on Taylor Aperture - synthesis	the 7th Jordanian International Electrical & Electronics Engineering Conference (JIEEEEC), Amman, Jordan	2011
self - complementary ring planner antenna of very wideband operation	Proceeding of ISAP2011, Jeju, Korea	2011
UWB fractal monopoles of rectangular and triangular shapes	Proceedings of MAPE2011, pp . 709 - 712 , Beijing , China	2011
An Improved Taylor Aperture - Synthesis Method with Reduced Sidelobes	Proc. of International Symposium on Antennas and Propagation, Seoul, Korea ( ISAP05)	2005

Conferences & Work Shops		
Conference – Work Shop Names	Type of Participation	Date
International Symposium on Antennas and Propagation 2005, Seol, Korea (ISAP05)	Researcher	Aug. 2005
the 7th Jordanian International Electrical & Electronics Engineering Conference (JIEEEEC), Amman, Jordan	Researcher	11 - 14 April, 2011
International Symposium on Antennas and Propagation 2011, Jeju, Korea	Researcher	25 – 28 Oct. 2011
MAPE2011, The 4th IEEE International Symposium on Microwave, Antenna, Propagation and EMC Technologies for Wireless Communications, Beijing , China	Researcher	2011
International Symposium on Antennas and Propagation 2012, Nagoya , Japan	Researcher	25 – 28 Oct. 2012
Loughbrough Antennas and Propagation Conference LAPC2012 , UK	Researcher	12 - 13 Nov., 2012
ICRIE 2017, Recent Innovations in Engineering, Duhok City, Kurdistan Region - Iraq.	Researcher	26 - 27 April, 2017
4 <sup>th</sup> International Engineering Conference on Developments in Civil & Computer Engineering Applications (IEC2018), Erbil City, Kurdistan Region - Iraq.	Researcher	26 - 27 Feb., 2018
International Conference on Advanced Science and Engineering (ICOASE), Duhok, Iraq, 2019.	Researcher	2 - 4 April, 2019

Organizations Membership	
Organization name	Nature of membership
Kurdistan Engineers Union	Consultant
Kurdistan Teachers Union	Member