Faculty Member
Academic Biography

Personal data

Name	Ehab Isam Dawood Al-rawachy
Current academic rank	**Lecturer**

Workplace	Ninevah University	**Academic department**	Electronic Engineering college- Electronic deartment
General specialization	Electronic	**Specialization**	Optical Communications
E-mail	Ehab.dawood@uoninevah.edu.iq		

Academic qualifications

Degree	University Name	Country Studied at	Major	Graduation Date
PhD	Bangor University	UK	Optical Communications	2019

Academic rank:

Academic rank	Date of Obtaining the rank	Academic rank granting Institution
Lecturer	29-12-2019	Ninevah university

Practical experiences:

Time period		Employer	Job Title
from	to		
2006	2011	Mosul university	Engineering assistant

2011	2019	Ninevah university	Lecturer assistant /Master
2019		Ninevah university	Lecturer /PhD

Scientific production (published/accepted for publication):

Research Title	Place of publication	Country of publication	Number	Vol	date of publication
Multiple channel interference cancellation of digital filter multiple access PONs	Journal of Lightwave Technology		1	35	2016/11/24
Experimental demonstration of a DSP-based cross-channel interference cancellation technique for application in digital filter multiple access PONs	Optics Express		4	25	2017/2/14
A review of DSP-based enabling technologies for cloud access networks	Future Internet		11	10	2018/11/15
Real-time experimental demonstration of DSP-enabled soft-ROADMs with multi-level flexible add/drop functions for cloud access networks	Optics Express		1	27	2019/1/3
Experimental demonstration of a real-time digital filter multiple access PON with low complexity DSP-based interference cancellation	Journal of Lightwave Technology		17	37	2019/9/1

Conferences, scientific seminars and workshops in which I participated:

Research Title	Name of conference/seminar/workshop	Venue of the conference/seminar/workshop	Date
Experimental demonstration of real-time add/drop operations in DSP-enabled	Optical Fiber Communication Conference	USA	2018/3/11

flexible ROADMs for converging fixed and mobile networks			

Courses(s) I have taught:

Course name (subject)	Academic year	University/ Institution
Electronics lab	2006-2007-2008-2009	Mosul University
Signal & System Lab	2011-20012-2013-2014	Mosul University
Mathematics year 1	2020	Ninevah University
Mathematics year 1	2021	Ninevah University
Communications principles	2021-2022-2023-2024-2025	Ninevah University
Programming lab-C language	2023	Ninevah University
Advanced Mathematics-Higher diploma	2024	Ninevah University
Advanced Mathematics-Master degree	2024	Ninevah University
Digital Signal Processing-Higher diploma	2025	Ninevah University

Supervising master's or doctoral theses:

Title	Degree	Date
Study of the performance improvement for optical system using digital filter in cloud access network	Master	2024

Note: This CV has been updated until / / 2024