

CURRICULUM VITAE

Personal Informations	
Name	Diana Hayder Hussein
Date of Birth	20 January 1987
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Marital Status	Married
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Qualifications and Certificates	
B.Sc.	Graduated from College of Electrical Engineering- University of salahaddin/Erbil - Electronic & Communication department in 2008-2009.
M.Sc.	<ul style="list-style-type: none">• From December 2012 to February 2015 I was master student in the college of Electrical Engineering- University of salahaddin/Erbil - Electronic & Communication department.• In February 25-2015, I got the master certificate in the Thesis: " Analysis and Simulation of MIMO-STC-OFDM System " .• Specialization: communication.
PhD	<ul style="list-style-type: none">• PhD student from 2020-2021
Training	<ul style="list-style-type: none">• Training on cisco (training part).• online training in 5G-Huawei• online IAB (Industry Advisory Board) training
Courses	<ul style="list-style-type: none">• Online Cisco Networking Academy course – starting Spring 2023• Online Cisco Networking Academy course – starting September 2023• Online Cisco Networking Academy course – starting February 2024• Online Cisco Academic Program Management Training

Polytechnic university- Erbil	In October 2015, I started teaching in Information system engineering department in Erbil polytechnic university till now.
Lebanese French university	<ul style="list-style-type: none"> • In 2017, from 20/2/2017 to 20/5/2017 I was teaching in Lebanese French university (part time). • I participated in the first International Conference on Information Technology (ICoIT'17) which was held by department of Information Technology/Lebanese French University-Erbil, Kurdistan Region, Iraq on 10th of April, 2017. • I participated as a Jury member in the 1st Coding Day Fair (CDF'17) which was held by department of Information Technology/Lebanese French University on 18th May 2017 in Erbil, Kurdistan Region, Iraq.
Bayan University	<ul style="list-style-type: none"> • Teaching part time

Experience	
Korek	I practiced in Korek company in Dohuk for two months as a graduation requirement in 2008.
Shaqalawa general hospital	I worked from September 2009 to December 2012 in Engineering Department in Shaqlawa general hospital.
Newroz Telecom	I Worked in Nawroz Telecom during the M.sc., as a part of clinical training of my Thesis.

Committees	
Project Discussion Committee:	<ul style="list-style-type: none"> • Discussion the projects of fourth stage students/ Information system engineering department/Erbil polytechnic university
Summer Training Committee	<ul style="list-style-type: none"> • Supervising the training of the third stage students in korek telecom company/ Information system engineering department/Erbil polytechnic university
Examination	<ul style="list-style-type: none"> • Member in this committee/ Information system engineering

Committee	department/Erbil polytechnic university in 2017-2018
Quality Assurance Committee	<ul style="list-style-type: none"> • Responsible of Quality Assurance in Information System Engineering Department/Erbil polytechnic university in 2018-2019 • Responsible of Quality Assurance in Information System Engineering Department/Erbil polytechnic university in 2019-2020
Self Evaluation Committee	<ul style="list-style-type: none"> • Member in self evaluation committee for UNESCO in Information System Engineering Department/Erbil polytechnic university in 2018-2019

Supervising the projects of fourth stage students:

the projects were:

- 1- MIMO (Multiple Input-Multiple Output)
- 2- OFDM (Orthogonal Frequency Division Multiplexing)
- 3- Design and Implementation of power supply (AC-DC) Conversion
- 4- STC (Space Time Coding) Technique in wireless communication
- 5- Delegates Management System
- 6- Private School System
- 7- Hotel Booking Management System
- 8- Ultrasonic Radar and Alarm Using Arduino IDE and MATLAB
- 9- Remote Authentication Dial-In User Service (Mikrotik)

Published Researches and Studies:

- 1- Investigating the Effect of error correcting codes on the speech signals
- 2- Evaluation of different 4x4 coded MIMO system

- 3- 4x4 MIMO-WiMAX system
- 4- The effect of doppler shift frequency on the performance of 2x2 STBC-OFDM system
- 5- Federated Learning Enabled SDN for Routing Emergency Safety Messages (ESMs) in IoV Under 5G Environment