

## CURRICULUM VITAE

Personal Informations	
<b>Name</b>	Diana Hayder Hussein
<b>Date of Birth</b>	20 January 1987
<b>address</b>	Iraq – Erbil/English village
<b>Marital Status</b>	Married
<b>Nationality</b>	Iraqi
<b>E-mail</b>	<a href="mailto:Diana.hussein@epu.edu.iq">Diana.hussein@epu.edu.iq</a>
<b>Mobile</b>	+964 750 4062524

Qualifications and Certificates	
<b>B.Sc.</b>	Graduated from College of Electrical Engineering- University of salahaddin/Erbil - Electronic & Communication department in 2008-2009.
<b>M.Sc.</b>	<ul style="list-style-type: none"><li>• From December 2012 to February 2015 I was master student in the college of Electrical Engineering- University of salahaddin/Erbil - Electronic &amp; Communication department.</li><li>• In February 25-2015, I got the master certificate in the Thesis: " Analysis and Simulation of MIMO-STC-OFDM System " .</li><li>• Specialization: communication.</li></ul>
<b>PhD</b>	<ul style="list-style-type: none"><li>• PhD student from 2020-2021</li></ul>
<b>Training</b>	<ul style="list-style-type: none"><li>• Training on cisco (training part).</li><li>• online training in 5G-Huawei</li><li>• online IAB (Industry Advisory Board) training</li></ul>
<b>Courses</b>	<ul style="list-style-type: none"><li>• Online Cisco Networking Academy course – starting Spring 2023</li></ul>
<b>Polytechnic university- Erbil</b>	In October 2015, I started teaching in Information system engineering department in Erbil polytechnic university till now.
<b>Lebanese French university</b>	<ul style="list-style-type: none"><li>• In 2017,from 20/2/2017 to 20/5/2017 I was teaching in Lebanese French university (part time).</li></ul>

	<ul style="list-style-type: none"> <li>• 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 10<sup>th</sup> of April,2017.</li> <li>• I participated as a Jury member in the 1<sup>st</sup> Coding Day Fair (CDF'17) which was held by department of Information Technology/Lebanese French University on 18<sup>th</sup> May 2017 in Erbil, Kurdistan Region, Iraq.</li> </ul>
<b>Bayan University</b>	<ul style="list-style-type: none"> <li>• Teaching part time</li> </ul>

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

<b>Committees</b>	
<b>Project Discussion Committee:</b>	<ul style="list-style-type: none"> <li>• Discussion the projects of fourth stage students/ Information system engineering department/Erbil polytechnic university</li> </ul>
<b>Summer Training Committee</b>	<ul style="list-style-type: none"> <li>• Supervising the training of the third stage students in korek telecom company/ Information system engineering department/Erbil polytechnic university</li> </ul>
<b>Examination Committee</b>	<ul style="list-style-type: none"> <li>• Member in this committee/ Information system engineering department/Erbil polytechnic university in 2017-2018</li> </ul>
<b>Quality Assurance Committee</b>	<ul style="list-style-type: none"> <li>• Responsible of Quality Assurance in Information System Engineering Department/Erbil polytechnic university in 2018-2019</li> <li>• Responsible of Quality Assurance in Information System</li> </ul>

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

### **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

### **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

### **The Subjects That I have been taught are:**

- 1-Electric and Electronic Circuits

2-Data communication and Networking

3-Matlab programming

4-Logic design

5-Network Design and mobility

6-General English Skills