

# CV

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## 1-Privilege :

Doctorate in Communication Engineering with over 38 years of experiences.

## 2-Key Skill:

- Lecturer at the University.
- R&D in Digital Communication sector.
- Consultant in Wireless Mobile Communication.
- Consultant in the Transfer of Technology.

## 3-Career Summary:

### 2016-2021 Alhdba University College( Karkouk)

Teaching the following courses:

- Mobile Communication System.
- Contribution in Digital electronics LAB

### 2016-2017 Cihan University (Erbil)

Teaching the following courses:

- Mobile Communication System.
- Satellite communication.
- Antenna and wave propagation.

### 2016-2017 Alhdba University College( Karkouk)

Teaching the following courses:

- Mobile Communication System.
- Digital communication.
- Digital signal processing (DSP).

### 2015-2016 Alhdba University College( Karkouk)

Teaching the following courses:

- Mobile Communication System.
- Digital communication.
- Digital signal processing (DSP).

### 2014-2015 Almmamon University College( Baghdad)

- Teaching Fiber Optical Communication.

### 2006-2014 Alhdba University College( Mousel)

Teaching the following courses:

- Digital communication.
- Digital signal processing (DSP).
- Electrical Circuit.
- Analog Electronics Circuit.
- Digital Electronics.

### 2007 – 2013 Mosel University

- Teaching PhD and MSc levels on Digital Communication Courses.

### 2006-2007 Privet sector

- Designe and implementation of wireless System.
- Technical manager.

### 2005-2006 Alrafiden University College (Baghdad)

Teaching of the following Courses:

- Communication theory.
- Digital Electronics.
- Electrical Network.
- Digital system design.

### 2004-2005 Privet Sector

- Interment Service Provider (ISP).
- Voice Over IP Provider ( VOIP).

## 1987-2004 Industrial sector

Motivated Electronic and Communication Companies for system design and production of the following equipment and items

- Printed Circuit Board (PCB).
- Ciphering equipment.
- Telemetry system.
- Digital switching system.
- Modems and Data transmission equipment.
- Voice equipment.
- Electrical power distribution board.
- Hard environment supported PC.
- Multiplexing Communication System

## 1983-1987 MTC College /Baghdad

Teaching the following courses:

- Electronics for BSc level.
- Phase Locked Loop(PLL) for MSc level.

## 1978-1983 Preparing PhD in France

phD in the digital communication domain, titled " Self-Noise in bit synchronizer" at the ENSAE high school ( Ecole National Superieur de l"Aeronitique et de l" Espace). Toulous-France.

## 4- Supervising

Supervising of many MSc & PhD Students in digital communication sector:

- . 22 students in the MSc level.
- . 2 students in the PhD level.

## 5- Publications

Publication of many papers in digital communications sector at local and international journals as shown in Appendix below:

## Appendix

Title	Publication Site
Performance analysis of two serial – search acquisition schemes for FH spread spectrum signals.	International journal of electronics
Self-Noise Spectrum Measurement in Clock Synchronizers	IEEE, TRANSACTION ON COMMUNICATION
IMPROVING DQPSK MODEM PERFORMANCE BY MINIMIZING THE PEAK-T-AVEARGE POWER RATIO	Military Engineering College Journal
Development of a Novel High Performance Wide Band HF Channel	AMSE Journals
Evaluation of a Synchronous DS-CDMA Performance for Mobile Cellular System Application	Almammon university college Journal
Evaluation Of Circular Array Antenna For Mobile Base Station To Increase Reverse-Link Capacity	Almanssor university college Journal
Effect of Comb Type Channel Estimation on Performance of MC-CDMA	IEEE Telecommunication Forum (TELFOR), 2012 20 <sup>th</sup> , Belgrade
Performance evaluation of MPSK modulation using VISSIM/COM Simulator	University of Mousel / Engineering Conference 2013
SDMA-CDMA for Mobile Cellular System	Almanssor university college/ Conference 2013
EVALUATION OF MIMO SYSTEM CAPACITY OVER RAYLEIGH FADING CHANNEL	International Journal of Computer Science & Engineering Survey (IJCSSES) 2015
PERFORMANCE EVALUATION OF MC-CDMA SYSTEM OVER RAYLEIGH FADING CHANNEL	International Journal of Computer Science & Engineering Survey (IJCSSES) 2015

<p style="text-align: center;">5G MOBILE SYSTEMS, CHALLENGES AND TECHNOLOGIES: A SURVEY</p>	<p style="text-align: center;">Journal of Theoretical and Applied Information Technology 2019</p>
<p>A Survey on Millimeter-Wave for 5G Mobile System</p>	<p style="text-align: center;">3rd International Conference of Cihan 2019</p>
<p style="text-align: center;">Performance Evaluation of CDMA Mobile Cellular System Using Smart Antenna</p>	<p style="text-align: center;">Future studies center Al-Hadba university College N0(48) January 2021</p>





