

# Curriculum Viate



## **Adnan Ismail Al-Sulaifanie**

Department of Electrical and Computer Engineering  
University of Duhok, Iraq

2019 - 2020

# 1 Personal Data

**Full name :** Adnan Ismail Hussein

**Gender :** Male

**Marital Status :** Married

**Date and Place of Birth :** July / 01 / 1970 , Zakho, Duhok

**Nationality :** Iraqi

**Academic Status :** Lecturer

**Languages :** Kurdish (mother tongue), English and Arabic (spoken and written)

**Work address :** Department of Electrical and Computer Engineering, College of Engineering, University of Duhok, Iraq.

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# 2 Education and Qualifications

## 2.1 Schooling

**1978-1984** Al-Hurriya Primary School, Mosul

**1984-1987** Al-Nomaniea Intermediate School, Mosul

**1987-1990** Al-Mustakbal Secondary School, Mosul

## 2.2 Academic degrees

**1995** B.Sc. in Electrical and communication Engineering, College of Engineering, University of Mosul, Mosul, Iraq.

**1998** M.Sc. in Electrical and communication Engineering, College of engineering, University of Mosul, Mosul, Iraq.

**2019** Ph.D. in communication Engineering (split site), University of Duhok, Duhok, Kurdistan region, Iraq.

### 3 Research and Publications

1. M.Sc. Thesis entitled **Digital image coding using wavelet transform**, 1998
2. Ahmed K. Al-Sulaifanie, and Adnan I. Al-Sulaifanie, **Wavelet-based image compression**, Third international conference on: Computational Aspects and their Applications in Electrical Engineering " CATAEE ' 99 ", 19-20 October 1999, Organized by: Faculty of Engineering, Philadelphia University and IEE Jordan, Amman, Jordan.
3. Adnan I. Al-Sulaifanie, **New algorithm for audio compression based on multiple zones coding with non uniform quantizer**, Journal of Dohuk university, Vol. 10, No. 2, pp 75-83, 2007.
4. Adnan I. Al-Sulaifanie, **Multi rate audio coding based on combining wavelet with DCT transform**, Al-rafidain Engineering Journal. University of Mosul, Vol. 16, No. 5, pp 1-8, 2008.
5. Raafat S. Al-Khayali, Adnan I. Al-Sulaifanie, Ahmed Khorsheed Al-Sulaifanie, **Digital fundamental courses for electrical and computer engineering education**, Journal of University of Duhok, vol. 17, No.1, 2014. (Special Issue for selected papers from the First Engineering Education Conference (EEC), University of Duhok, 17-19 April 2012).
6. Adnan Ismail Al-Sulaifanie, Subir Biswas, and Bayez Khorsheed Al-Sulaifanie, **AH-MAC: Adaptive hierarchical MAC protocol for low-rate wireless sensor network applications**, Journal of Sensors, 2017:15, 2017.

### 4 Training and Workshops

1. Programmable system on Chip (one week), Philadelphia University, Jordan, April. 2007
2. 15 workshops & symposiums had been attended at Michigan State University during our visit, from 24/9/2012 to 9/10/2012.
3. Workshops & symposiums had been attended at Michigan State University during our visit, from 23/4/2014 to 16/5/2014 about adding new courses and discussing details of design day in MSU.
4. Best practices in publishing research (IREX), University of Duhok, Dec. 2012.
5. Workshops on different research topics (IREX), University of Duhok, Summer 2016

### 5 Employment

**2002 - 2008** Assistant Lecturer, Department of Computer Science, College of Science, University of Duhok, Iraq.

**2008 -** Lecturer, Department of Electrical and Computer Engineering, College of Engineering, University of Duhok, Iraq.

## **6 Professional Experience**

1. Teaching undergraduate courses: microprocessors, communication systems, electronic circuits, digital system design with VHDL, and computer network.
2. Supervision of final year undergraduate projects.

## **7 Specializations**

1. Electronic circuits.
2. Microprocessors.
3. Wireless sensor networks.
4. Digital system design and programmable hardware design (VHDL).

## **8 Memberships**

1. Kurdistan Engineers Union (consultant Engineer).
2. Mosul Engineers Union.