

Sameer Al-Obaidi

Baghdad/Iraq/Ibn Alhaitham College | | engsameersami1@gmail.com

Education

B.SC. | 2000 | AL-NAHRAIN UNI

ELECTRONIC AND COMMUNICATION ENGINEERING.

M.SC. | 2003 | AL-NAHRAIN UNI

ELECTRONIC CIRCUIT AND SYSTEM ENGINEERING

Ph.D | 2018 | University of Plymouth

ELECTRONIC AND COMMUNICATION ENGINEERING

Skills & Abilities

Thesis Title: **Green Networking: Analyses of Power Consumption of Real and Complex IFFT/FFT used in Next-Generation Networks and Optical Orthogonal Frequency Division Multiplexing**

SKILLS:

- Computing Hardware, Matlab HDL coder, Matlab System generator, Xilinx Kintex-7 FPGA, OFDM, and Optical Networking.
- Teaching undergraduate student: Logic design, Computer Architecture, computer programming, Artificial intelligence, and software engineering.
- Training online with MathWorks: (MATLAB for Data Processing and Visualization, The Generating HDL Code from Simulink online course, The Signal Processing with Simulink online course, and Communication Systems Modelling with Simulink)

Experience

TEACHING | BAGHDAD UNIVERSITY | 2008-2014

- Lecturer at Baghdad University.

PUBLICATION:

- 1- LOW-COST AUTOMATIC SUN PATH TRACKING SYSTEM / Engineer magazine/Baghdad university/2011/Iraq
- 2- Proposed Health Care Mobile Monitoring System Using Bluetooth Technology/ 4th Conference Iraqi Commission for Information and Communication/2012 /Iraq
- 3- Reduction Vehicle Speed Using GPS Android Smart Phone Programming / Babylon magazine for applied science/2013 /Iraq
- 4- A review on power consumption reduction techniques on OFDM/ INC2016/Frankfurt/ Germany.
- 5- THE IFFT/FFT VARIANT PARAMETER EFFECT ON OFDM POWER CONSUMPTION /RECENT TRENDS IN ENGINEERING AND TECHNOLOGY"(RTET-17)/PARISE/FRANCE
- 6- BIT PRECISION AND CYCLIC PREFIX EFFECT ON OFDM POWER CONSUMPTION ESTIMATION/ ACM-2017/ BALI, INDONESIA.