***Curriculum Vitae***

****Personal Information:**

Name : Hayder Khaleel Ibrahim AL-Qaysi.

General specialization: Electrical Engineering.

Specific specialization: Electronic Engineering.

Occupation : Lecturer.

Birth Date & Place : April 7, 1982, Diyala.

Nationality : Iraqi.

Gender : Male.

Address : Iraq, Diyala, Baquba.

H index : 1 (based on the researcher's data)

Email : [hay.kha.82@gmail.com](mailto:hay.kha.82@gmail.com)

hay.kha.82@uodiyala.edu.iq

**Educational Qualifications:**

* M.Sc. degree in electronic engineering, yildiz technical university, faculty of electrical and electronics engineering, Istanbul, Turkey, 2016-2017.
* Master thesis: “Investigation of MOSFET Aging Modeling on an Analog Circuit Design”.
* Bachelor's degree in electronic engineering, college of engineering, university of diyala, Iraq, 2003-2004.
  + Grade: Good / Third in sequence. (My rank was fifth to the college)

**Courses and Memberships:**

* Artificial Neural System Design, Advanced Digital Signal Processing, Computational Intelligence, Medical Electronics System Design and Measurement, Semiconductors Technology, Statistical Signal Processing, Current Mode Circuits, Analog electronics, Digital Electronics, Nano/Micro Electronics.
* Iraqi Engineers Union Membership, 2005-to present.

**Languages:**

* Arabic, English, Kurdish and Turkish.

**Software and Tools:**

* MATLAB.
* PSPICE.
* HSPICE.
* OrCAD.
* Windows – Word – Power point – Photoshop and Excel.

**Training Courses and Workshops**

* A course to pass the English language test (TOFEL) - yildiz technical university, faculty of electrical and electronics engineering, Istanbul, Turkey, 2014.
* Certificate for passing the (GRE) test - yildiz technical university, faculty of electrical and electronics engineering, Istanbul, Turkey, 2014.
* Teaching Methods and Language Safety Course - University of Diyala - 2017.
* Computer Programming Course - University of Diyala - 2017.
* Preparation and participation in more than 50 workshops, training and development courses and seminars in my general and specialized field, 2017-2019.

**Work Experiences:**

* Lecturer of digital electronics and analog electronics at department of physics, college of sciences, from 2018-till 2020.
* I supervised (3) graduation researches for undergraduate students, department of physics, college of sciences, 2018-2019.
* I supervised (3) graduation researches for undergraduate students, department of physics, college of sciences, 2019-2020.
* Lecturer of digital electronics and analog electronics at department of electronic engineering, college of engineering, from 2020-till now.
* I supervised (2) graduation researches for undergraduate students, department of electronic engineering, college of engineering, 2020-2021.

**Other Information:**

* Associate director of the central printing press department, university of diyala, 2010-2014, 2019-2020.
* Director of laboratory reliability unit, college of sciences, university of diyala, 2017-2019.
* Director of the central printing press department, university of diyala, 2019-2020.
* Providing a special study on the work plan of a good laboratory practices (GLP) requirements approved by the council of college of sciences, university of diyala, in the interest of the work of the university, 2018.
* Thanks and appreciation from the president of the university.
* Thanks and appreciation from the deans of colleges.
* Financial rewards from the university president and deans of colleges.

**Publications Journal:**

| **ت** | **اسم البحث** | **اسم المجلة** | **دار النشر** | **ISSN** |
| --- | --- | --- | --- | --- |
| 1 | Enhancing the Gain and Power of Folded-cascode Amplifier using Artificial Neural Network | International Journal of Engineering Research and Technology | International Research Publication House | 0974-3154 |
| 2 | COMPREHENSIVE STUDY ON UNMANNED AERIAL VEHICLES (UAVs) | Advanced Mathematical Models & Applications | Jomard Publishing | 2519-4445 |
| 3 | Design of very low-voltages and high-performance CMOS gate-driven operational amplifier | Indonesian Journal of Electrical Engineering and Computer Science | Institute of Advanced Engineering and Science (IAES) | 2502-4752 |
| 4 | Evaluation of electrical load estimation in Diyala governorate (Baaquba city) based on fuzzy inference system | International Journal of Electrical and Computer Engineering (IJECE) | Institute of Advanced Engineering and Science (IAES) | 2088-8708 |
| 5 | Evaluation of different quantization resolution levels on the BER performance of massive MIMO systems under different operating scenarios | Indonesian Journal of Electrical Engineering and Computer Science | Institute of Advanced Engineering and Science (IAES) | 2502-4752 |
| 6 | Reliability-based routing metric for UAVs networks | Indonesian Journal of Electrical Engineering and Computer Science | Institute of Advanced Engineering and Science (IAES) | 2502-4752 |
| 7 | An Improvement the Channel Characteristics Performance of Ultra-Wideband (UWB) by Controlling the Main Channel Parameters | Design Engineering (Toronto) | Rogers Media Publishing Ltd | 0011-9342 |

**Publications Conference:**

| **No** | **اسم المؤتمر** | **عنوان البحث** | **جهة النشر** | |
| --- | --- | --- | --- | --- |
| 1 | Proceedings of International Conference on Progress in Applied Science 2017 (ICPAS 2017), 04-06 January 2017, Istanbul, Turkey. ISBN: 978-605-9546-02-7. | Investigation of MOSFET Aging Modeling on an Analog Circuit Design | | JOURNAL OF THERMAL ENGINEERING |
| 2 | [2021 International Conference on Intelligent Technologies (CONIT)](https://ieeexplore.ieee.org/xpl/conhome/9497779/proceeding), 25-27 June 2021, Hubli, India. | The Effect of Antenna Height on the Performance of the Okumura/Hata Model Under Different Environments Propagation | | IEEE |