

Zahraa M. Baqir

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Dr. Zahraa Mohammed Baqir Haider Al-Yasiri. Last Degree Earned: Doctorate (Ph.D.). Date of Degree: March 24, 2022. Issuing Institution: University of Babylon, College of Engineering, Iraq.

Major Field of Study: Electrical and Electronic Engineering.

Specific Specialty: Communications and Electronics.

Current workplace: University of Thi Qar, College of Engineering, Department of Electrical and Electronic Engineering.

Teaching Experience:

- Teaching a diverse range of courses to undergraduate students, including Electronic Physics, Engineering Workshops, Probability, Microprocessors, Computers, Engineering Economics, Telecommunications, Information Theory, Mathematics, and Electronic Laboratories.
- Supervising and guiding students in their graduation projects.
- Conducting specialized research in advanced areas of telecommunications and electronics, particularly in the Internet of Things (IoT) technology and indoor positioning.
- Publishing research findings and contributions in peer-reviewed conferences and journals within Scopus-indexed publications.

Education

A Bachelor's degree from the University of Iraq, Basra, in the field of Communications Engineering.

Master's degree in Electrical Engineering with a Specialty in Communications from the College of Electrical Engineering at the University of Basra.

Doctorate degree in Communications and Electronics Engineering, Department of Electrical and Electronic Engineering, University of Babylon.

Publications:

1- [smart automatic petrol pump system based on internet of things](#)

2- [Limitations of forward and return links in UHF RFID with passive tags](#)

3- [IoT based automation of a home and alert system](#)

4- [Smart automatic petrol pump system based on RFID and ESP8266](#)