

Name :Dr. Zaid Ghanem Mohammed

## 2. Education

- B.Sc in Computer Techniques Engineering, Northern Technical University, Iraq
- M.Sc in Computer Techniques Engineering, Northern Technical University, Iraq

## 3. Academic Experience

- Lecturer, Department of Computer Techniques Engineering, Northern Technical University (NTU), Iraq (Full-time)
- Teaching undergraduate courses in:
  - Embedded Systems
  - Computer Engineering Applications
  - Intelligent Systems
  - Microcontroller-based Systems
- Supervision of student projects and laboratory work

## 4. Non-Academic Experience

- N/A

## 5. Certifications or Professional Registrations

- N/A

## 6. Current Membership in Professional Organizations

- Member, Iraqi Engineers Union (as listed in NTU profile)

## 7. Honors and Awards :N/A

## 8. Service Activities

- Participation in departmental committees
- Supervision of graduation projects
- Contribution to laboratory development and academic teaching activities

## 9. Selected Publications and Presentations (Last 5 Years)

- Implementation of WSN Based Smart Irrigation System (Przełąd Elektrotechniczny, 2023)  
DOI: 10.15199/48.2023.06.06
- Development of a Dynamic Intelligent Recognition System for a Real-Time Tracking Robot (IJRA, 2021)  
DOI: 10.11591/ijra.v10i3.pp161-169

- Smart Infant Incubator Based on Microcontroller (IEEE IICETA, 2019)  
DOI: 10.1109/IICETA47481.2019.9013004
- Design and Implementation of Single Bit Error Correction System Based on FPGA (TELKOMNIKA, 2019)  
DOI: 10.12928/telkomnika.v17i4.12033
- Scheduling Lecturer System Based on FPGA (IEEE ICASEA, 2018)  
DOI: 10.1109/ICASEA.2018.8370955

#### 10. Recent Professional Development Activities

- Participation in scientific conferences and IEEE events
- Continuous academic teaching and supervision activities
- Engagement in embedded systems and intelligent systems research