

**Name: Bassam Fadel Mohammed**

Northern Technical University  
Technical College/Kirkuk  
Environment and Pollution Eng.Dept.  
Kirkuk, Iraq.  
E-mail: [bassam7219@ntu.edu.iq](mailto:bassam7219@ntu.edu.iq)  
Tel. : +964 7701325260



**1. OBJECTIVE:**

Developing the academic work and scientific level in my country, through learning and training the students in undergraduate level, and submitting the advising to the students for completing the graduate studies, and make the engineers which can solve the technical problems in several fields, in order to development our country.

**2. Education:**

- M.Sc., Electrical Engineering \ Control, University of Mosul, Iraq, January 2015.
- B.Sc., Electronic and Control Engineering Techniques, Northern Technical University, Iraq, August 2003.
- Diploma, Electronic, Northern Technical University, Iraq, 1992.

**3. Academic Experience:**

- Faculty member and lecturer, Technical Engineering College, Kirkuk, Iraq (15/1/2015 - Present).
- Faculty member and Engineering, Technical Engineering College, Kirkuk, Iraq (11/12/2005 - 15/1/2015).
- lecturer, AL Kitab University College, Kirkuk, Iraq (2016-2017).
- lecturer, AL Qalam University College, Kirkuk, Iraq (2014-2015).
- Workshop for Student Advisors, from AED (Academy for Educational Development), U.S. Embassy , Baghdad , Iraq 2010.
- Training on Educational Equipment & Measuring Instrument, from K&H MFG. Co., LTD, Taiwan 2009.

**4. Current Membership in Professional Organizations:**

- Iraqi Engineers Syndicate – Kirkuk.

**5. Honors and Awards:**

- Appreciation Certificate, Northern Technical University.

## **6. Service Activities:**

### **University:**

- Researches review, 2nd International Conference on Renewable Energy ICRE 2022.
- Researches review, NTU Journal of Renewable Energy (2022).

### **College:**

- Member of of the Examination Committee of the Electronics and Control Engineering Department 2022-2023.
- Member of of the Examination Committee of the Environment and Pollution Engineering Department 2023, till now.

### **Journal Reviews:**

- Researches review, NTU Journal of Renewable Energy (2022).

## **7. Miscellaneous:**

### **Computer Skills:**

- Microsoft Office.
- Matlab/Simulink/GUI.
- LabVIEW.
- Visual Basic.
- AUTOCAD (2D/3D).
- Arduino IDE.

### **Languages:**

- Arabic – native language.
- English – very good in speaking, reading, and writing.
- Little bit Turkman and Kurdish.
- Basic of Russian.

## **8. Publications:**

### **I. Journals**

- “Design of a Remote Control of Home Automation using Android Studio” Solid State Technology, vol. 63, issue 6, 2020.
- “Electrical Hybrid Braking Technique in Wind Turbine Uncontrolled Speed Overcoming” Medwell Journals, Journal of Engineering and applied Sciences, vol. 14, issue 22, 2019.
- “Damping Inter-Area Oscillations by Coordination of 3PSS and UPFC Using PSO” Iraq, AlKitab University College, Al-Kitab Journal for Pure Science, vol. 2, issue 1, pp.69-80, 2018.
- “Position Control of Solar Panel Receiver by Joint Generated Power and Received Signal Power Maximization” Iraq, Tikrit University,

Tikrit Journal of Engineering Sciences, vol. 25, issue 3, pp.24-29, 2018.

- “Digital Fractional Order PID Controller Design and Realization” Iraq, University of Mosul, Al Rafidain Engineering Journal, 2014.
- “Design Optimal Fractional Order PID Controller Utilizing Particle Swarm Optimization Algorithm and Discretization Method” India, IJESE, vol. 1, issue 10, pp.87-92, 2013.
- “Design of Fractional Order PID Controller Based Particle Swarm” Iraq, University of Diyala, Diyala Journal of Engineering Sciences, 2013.