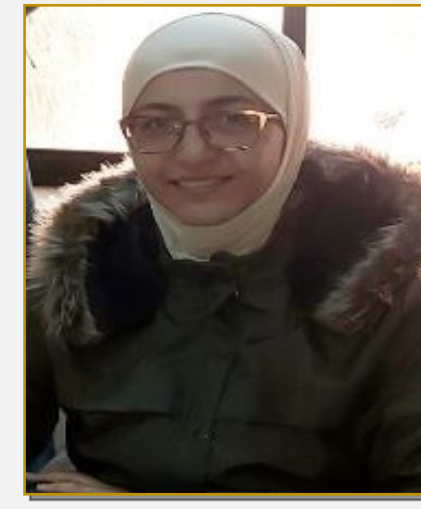




# Electrical Engineering Department



## Department Head



**Rula Mahimoud Hussein Tawalbeh**

Assistant Professor

**Optical Electronics**

Main Research Interests:

- Optical Star Couplers
- Flash Flood Warning Systems

## Faculty List



**Omar Aqeel Nazal Saraereh**

Professor of Electromagnetics and Antennas

**Communication**

Main Research Interests:

- Antennas Design and Analysis
- Communication Systems and Sensors



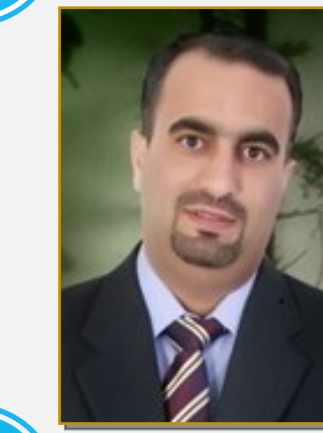
**Mahmoud . AR. A. Smadi**

Professor

**Wireless Communication**

Main Research Interests:

- Wireless Communication and Networking
- Information Theory and Coding



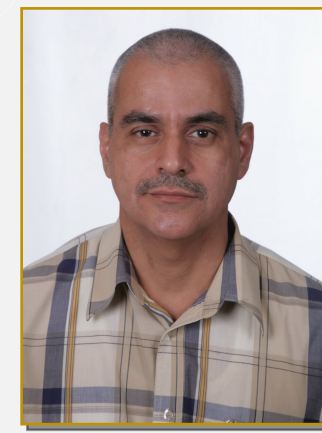
**Mohammad Saleh Mahimoud Widyan**

Professor

**Electric Machines**

Main Research Interests:

- Electrical Machines Dynamics and Design
- Power System Dynamics and Control



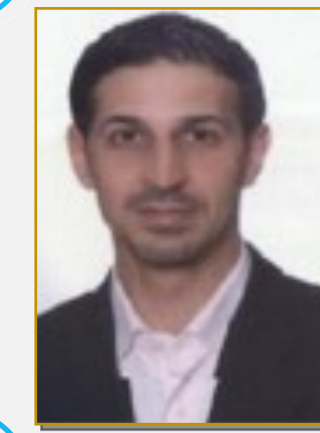
**Abdul Karim Sadiq Mahdi Al-Bayati**

Associate Professor

**Digital Communications**

Main Research Interests:

- ofdm Systems
- Massive mimo and Channel Estimation



**Osama . M. I. Al-Oquili**

Associate Professor

**Electrical Power**

Main Research Interests:

- Electronic Design
- Control systems design



**Anas Ibrahim Qasem Al Tarabsheh**

Associate Professor

**Electronic**

Main Research Interests:

- Semiconductor Materials and Devices
- Solar Energy and Photovoltaic Cells



**Issa Yousef Husein Etier**

Associate Professor

**Electronic**

Main Research Interests:

- Renewable Energy and Photovoltaic Systems
- Design Electronic and Microelectronic Circuits



**Hadi. M.D Al-Ithawi**

Assistant Professor

**Electronic**

Main Research Interests:

- Design and Simulation Active Filters
- Frequency Limitations of Modern Filters



**Ahmad. M. Y. Al-Nimrat**

Associate Professor

**Communications**

Main Research Interests:

- DSP Application in Comm. Systems
- Statistical Communication



**Mahmood Shihadeh Mahimoud Saadeh**

Assistant Professor

**Electrical Power**

Main Research Interests:

- Electrical Power Systems
- Grid Connected Power Electronics



**Ashraf Ali**

Assistant Professor

**Communication**

Main Research Interests:

- Mission Critical Comm. Systems
- Wireless Comm. Networks Modeling



**Amr M Obeidat**

Assistant Professor

**Energy Storage Devices**

Main Research Interests:

- Electrochemical Super Capacitors
- Photovoltaic Energy Conversion



**Haitham Moffaq Al-obiedollah**

Assistant Professor

**Communications**

Main Research Interests:

- Multiple Antenna Techniques
- Machine Learning



**Feras Muhieddin Alasali**

Assistant Professor

**Electrical Power**

Main Research Interests:

- Smart Grid and Load Forecasting
- Protection and Optimization Control



**Ali Mohammad Hayajneh**

Assistant Professor

**Communications**

Main Research Interests:

- Stochastic Geometry
- Drone Wireless Communications



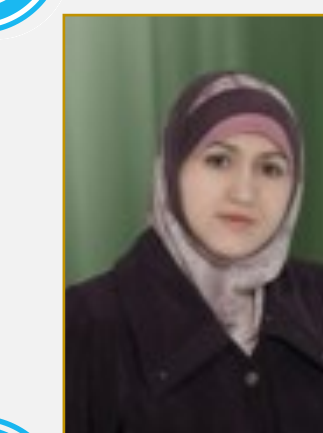
**Tassniem Hussain Omari**

Assistant Professor

**Telecommunication**

Main Research Interests:

- Indoor Localization
- Fountain Codes



**Zahra Y.A. Ghanem**

Lecturer

**Electronic**

Main Research Interests:

- Electronics Amplifiers
- Communication Systems



**Wafaa Nadhmi Hussien Sharo'**

Lecturer

**Electronics & Communications**

Main Research Interests:

- FPGA
- Electronics and Communications

## Lab. Supervisors



**Mohammed I. A. Abu Ashour**

Master

**Electric Power**

Main Research Interests:

- Renewable Energy Systems and Drives
- Electrical Machines Dynamics and Control



**Mohammed M. A. Al Hattab**

Master

**Electric Power**

Main Research Interests:

- Power System Stability
- Load Forecasting



**Thae'r O.A. Sweidan**

Master

**Electric Power**

Main Research Interests:

- Power Systems & Elect. Machines Dynamics
- Renewable Energy Systems & V2G Tech.



**Samar Mahimoud Ali Afaneh**

Bachelor

**Communications**

Communications Lab

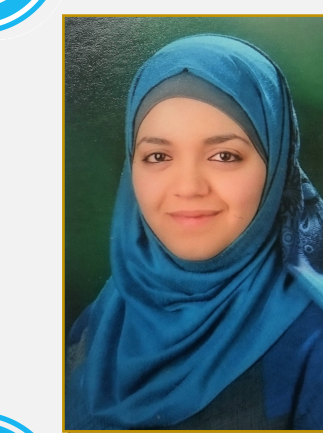


**Majid .B. O .AL-Briqi**

Bachelor

**Machines**

Electrical Machines Lab



**Ayat Z. O. Abu-Mahfouz**

Master

**Electronic**

Electronics Lab



**Ala'a M.R. Al-Shurafat**

Master

**Electronic**

Electrical Circuit Lab

## Administrative Staff



**LINA MB. K. AL-ATOUI**

Secretary