

## CV

### Personal Data

**Name:** Fawaz S. Abdullah  
**Home address:** Mosul-Al-Noor Qr.  
**Mob. No.:** 07701601616  
**Date of birth:** 5/4/1960  
**Nationality:** Iraqi  
**Religion:** Muslim  
**E-mail:** [sofia196022@yahoo.com](mailto:sofia196022@yahoo.com)

### Qualifications:

**Educational Qualification:** Ph.D. /Power Engineering  
**Date:** 2009  
**University:** Sofia Technical/Bulgaria

### Languages:

1. Bulgarian
2. Serbian
3. Albanian
4. Russian
5. English

### Scientific Skills

1. Design and installation of Solar power plant.
2. Experience in design of hydro, gas and steam power plants.
3. Design and installation of solar and geothermal plant.

### Scientific positions:

- 1- Head of electrical power techniques department 2011-2016.
- 2- Head of scientific division 2018-2019.

## **Published Papers**

- 1- Computation Of Hourly Solar Radiation Using ASHRAE Model For Some Iraqi Cities.**
- 2- Performance Analysis of Steam Power Plants Using Ideal Reheat-Rankin Cycle.**
- 3- Estimation the effects of each site factors, time factors, and optical factors on absorbed solar radiation value that incident on a flat-plate solar collector.**
- 4- evaluation of the best angle for a flat – plate solar collector.**
- 5- modeling and analysis of 1kw wind turbine generator using matlab simulink.**
- 6- studying the features and emulation of solar pv arrangement using simulink model.**
- 7- design and implementation of photovoltaic maximum power point tracking converter.**
- 8- modeling of electrical characteristics of photo voltaic and effecting of cell parameters on v-i curve.**
- 9- optimal operation planning of mosul hydro power complex part i: mathematical models.**
- 10- режимы на управление на хидроенергиен комплекс „мосул”.**
- 11- optimal operation planning of mosul hydro power complex part ii: simulation results and analysis.**