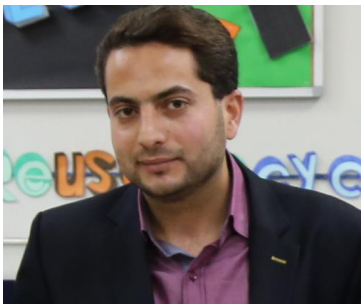

CURRICULUM VITAE

Ali Abdel-Rahman Al-Zyoud

Alternative Energy Department/Faculty of Engineering and Technology,

Al zaytoonah University, Amman, Jordan

Phone: +962-798379920

E-mail: a.alzyoud@zuj.edu.jo

1. Personal Data

Date of Birth: 17/04/1987
Nationality: Jordanian

2. Education

- M.Sc. of Renewable Energy Engineering, 2014, German – Jordanian University, Amman, Jordan.
- B.Sc. Electrical Engineering, 2010, Hashimite University, Zarqa, Jordan.

3. Employment

Academic Positions

- Lecturer, Alternative Energy Department, Al zaytoonah University, February 2017 - now.

4. Research Interests

Power system and power processing, Energy storage, optimization & modeling of power loading and Photovoltaic system.

9. Teaching Experience

- ***Undergraduate Courses***

  Electronics I
  Electronics II
  Electronics III
  Probability and Statistics for Engineers
  Engineering Workshops
  Apllied physics
  Solar energy system
  Wind energy system
  Renewable Energy Workshops.
  Electricity Network

10. Grants

Batteries are widely utilized in the daily life in all over the world, such as in a car especially Hybrid car, Electric car, energy storage, and a communication basement station; on the other hand, a large number of batteries have been scrapped. Therefore we reuse the batteries by Japanese special technique and change the direction from consumption energy to reuse energy, which is one way of realizing reduction of environmental burden and saving energy. Battery Reuse project which has been implemented by Battery Bank Systems (BBS), a Japanese battery reuse company (Battery Bank Systems – BBS) with NICCOD (Nippon International Cooperation for Community Development – a Japanese NGO), 2014 and grant amount 150000 JOD.

11. Publications

- **Ali Al-Zyoud** and Ahmad Harb. (Springer 2016)" Cycle recovery charging (CRC) methods for single used lead acid batteries" Electrical Engineering Journal.
- **Ali Al-Zyoud** and Ahmad Harb. (pending - Springer)" Optimization of battery bank system using recovery charging methods " Electrical Engineering Journal.
- **Ali Al-Zyoud** and Nour Atteah PV Module Validation, Philadelphia-Solar-P36 150Wp (IJRET 2017)
- **Ali AL-Zyoud**. Battery energy stoarge solution using new cycle recovery charging method (under process)
- **Ali Al-Zyoud**, Evaluating of soil and concrete variation via GPR antenna array data (under process).
- **Ali Al-Zyoud**, Ahmad Manasreh. Performance of Solar Photovoltaics Module using NANO filter (under process)