

# Curriculum Vitae

## Amin Heydari

No. 73, 6th Kashani St, Yasuj city,  
Kohgiluyeh va Boyer-Ahmad Province, Iran.  
Phone: +98935-7460734  
E-mail: amin.heydarei@gmail.com



- RESEARCH INTEREST
- **Distributed Energy Resources.**
  - **Smart Grids.**
  - **Control Strategies of MGs.**
  - **Wind and Solar Generation.**

M. Sc. in Electrical Engineering, Khomeyni Shahr Branch of Islamic Azad University, Isfahan, Iran.

2012 - 2014 EDUCATION

GPA: 3.44/4

Thesis title: *Voltage and Frequency Control of Islanded and Grid Connected Micro Grids.*

Remark: *KSBI AU is one of the largest and most prestigious campuses among all campuses of Azad University in Iran*

B. Sc. in Electrical Engineering, Kazeroon Branch of Islamic Azad University, Iran.

2003 - 2007

GPA: 3.02/4

Thesis title: *Loss Allocation in Reconfigured Power Systems.*

Amin Heydari

---

**1999 - 2003** Diploma in Math and Physics Discipline, Daneshgah High school, Yasuj, Iran.

GPA: 3.96/4

*Remark: Daneshgah schools are national middle-school and high- schools in Iran Founded specifically for the development of exceptionally talented students in Iran. Admission to Daneshgah schools is selective and based on a comprehensive nationwide entrance examination procedure. Every year thousands of students apply to enter the schools, from which less than 5% are chosen.*

## TEACHING EXPERIENCE

### **Teaching in Iran Technical & Vocational Training Organization (since 2011)**

- Matlab Software Programing.
- Analysis and Design of Power Systems With Simulink Matlab.

### **Teaching in Pouya higher education institute of Yasuj (since 2013) to present.**

- I have some project in this university
- . Design and make of a Frequency meter.
- Islanding Detection Methods

### **Teaching in Technical school (since 2008) to present.**

- Circuits and Systems.
- Electrical Machinery.
- Laboratory of Electric Industry.

2 -

---

**PUBLICATIONS  
and  
RESEARCHES**

- A. Heydari, H. Koofigar, S.Karamizadeh." Evaluation variable Speed Wind Turbine DFIG Modeling for Dynamic Stability study of Grid" Journal of Middle East Applied Science and Technology (JMEAST), Iran, pp. 689-694, 20July 2014.
- A.Heydari, H. Koofigar, J.Soltani. "Dynamic Control of the Islanded Micro grids by an Advanced Feed-Forward Strategy", Smart Grid Conference 2013 (SGC2013) IEEE, Iran; Dec. 2013.
- R. Bita, A.Heydari, J. Olamaei, "Distribution System Reconfiguration With Distributed Generators Using Dominated Artificial Bee Colony Algorithm", Smart Grid Conference 2013 (SGC2013) IEEE, Iran; Dec. 2013.
- A.Heydari, H. Koofigar, J.Soltani, " A Novel Method for Voltage/Frequency Control of Distributed Generation " 3th National Conference of Fuel, Energy and Environment (NCFEE), Tehran, Iran, 2013.
- A.Heydari, H.Koofigar,S.Karamizadeh" Dynamic Simulation of wind turbine micro-grids equipped by SCIG" The First National Conference on Environment, Energy,& Biodefense, Iran, 2013.
- A.Heydari, H.Koofigar, J.Soltani." Advanced Feed-Forward Strategy to Dynamic Control of the Islanded Micro Grids ", 2<sup>nd</sup> International Conference on Electrical Energy Systems (ICEES 2014), IEEE Conferences,India, 2014.

**AFFILIATION**

- Member: IRCEO (Iran Construction Engineering Organization) *since 2011*.

**WORK  
EXPERIENCE**

- Electrical Engineer of UPVC Door & Window Dena Company, *since 2008 to 2011*.
- Electrical Engineer Manager of Dane Rizan Fars Co since 2011 to 2013.

Amin Heydari

---

3

**COMPUTER and  
PROGRAMING  
SKILLS**

- MATLAB: Programming, Simulink, Sim-Power System Toolbox.
- In depth practical experience with Pspice, ORcad, Digsilent, S7 Siemens PLC, e-Plan, PSCAD.
- General: Linux, MS Office, HTML.

**LANGUAGE  
SKILLS**

- Persian (Farsi): native.
- English: fluent.

**IELTS:** I have a reservation to take an exam in April 2014.

**PERSONAL  
INFORMATION**

- Energetic, Enthusiastic, punctual.
- Hobbies: Music, Mountain climbing, swimming, horse riding,

**REFERENCES**

Available upon request.