

Curriculum Vitae

Name: Ahmed Jadaan Ali



Contact Information

Mousl, Iraq

Mobile: +9647701789625

+9647501239284

E-mail: ahmedjad2012@yahoo.com

ahmedem71@gmail.com

Research Gate Account link:

<https://scholar.google.com/citations?user=t-liFDoAAAAJ&hl=ar>

EDAS: 671921

Personal Information:

Nationality: Iraq

Resident of: Iraq

Birthdate: 07 /10/ 1971

Gender: Male

Marital: Married

CURRENT POSITION

Head Department of Power Engineering Technology/ Technical College of Engineering /Mosul

Professional Experiences:

1. **Lecturer**, Technical College of Mousl, Computet Technology Engineering Department. Mousl, Iraq. (2006- 2008)
2. **Lecturer**, Technical College of Mousl, Power and Electrical Machines Technology Engineering Department. Mousl, Iraq. (2008- till now)
techcol_mousl@yahoo.com

Education:

1. B.Sc. in *Electrical and Electronics Engineering*, University of Al-Technologia, Baghdad/Iraq, 1995.
2. M.Sc. in *Electrical and Electronics Engineering*, University of Al-Technologia, Baghdad/Iraq, 2005.
Thesis entitled "Simulation of adaptive autopilot using neural networks"
3. Ph.D in *Electrical machine*, University of Mosul, Mosul/Iraq, 2013.

Thesis entitled "Modeling and Simulation of a three-phase Induction motor with Deep-Bare Cage Rotor Type Using FEM"

FELLOWSHIPS

- Research Scholarship at University of Munich/Germany for six months under supervision of Prof. Eng. Dieter Gerling Dieter.Gerling@unibw.de : *Electric Machine, 2010-2011.*
 - Modeling of Electric Machines using Finite Element Method.
 - Applications of Using ANSYS software in Electric Machines Field Modeling and Design

SPECIAL SKILLS

- Simulation/modeling packages:
 - MATLAB.
 - Simulink.
 - Simplorer.
- Finite element analysis packages:
 - Maxwell 2D/3D.

PUBLICATIONS

1. " Design of PID Fuzzy Controller of DC Motor" Ahmed J. Ali, Mohammed S. Jarjess and Mohammed F. Abdullah,, ", Security and Technology conference in the service of the new Iraq, Ministry of state for national security concerns, 2007, Baghdad, Iraq
2. **Basil M Saied and Ahmed J. Ali**, "*Hybrid Mesh Technique to Model a Deep Bar Induction Motor Using Time Stepping Finite Elements Analysis*", **Al-Rafidaine Magazine** .
3. **Basil M. S., Ahmed J. A.** "*Faults detection of three phase squirrel cage induction motor based on finite element method*" In: 9th International Conference On Electronics, Computer and Computation ICECCO'12, Turkey, Ankara, pp. 154-158, 2012.
4. **Basil M. S., Ahmed J. A.** "*The Skin Effect Determination of Three Phase on Deep Bar Induction Motor*" In: 9th International Conference On Electronics, Computer and Computation ICECCO'12, Turkey, Ankara, pp. 69-73, 2012.
5. **Basil M. S., Ahmed J. A.** "*Determination of Deep Bar Cage Rotor Induction Motor Parameters Based on Finite Elements Approach*" The First National Conference for Engineering Sciences FNCES'12 / November 7-8, 2012,Iraq. Baghdad, pp. 188-193.

6. **B. Saied and A. J. Ali**, "Fault prediction of deep bar cage rotor induction motor based on FEM," *Progress In Electromagnetics Research B*, Vol. 53, 291-314, 2013.
7. **Ahmed J. Ali, Ahmed A. A. and Rakan Kh. Antar** "Fuzzy logic technique based single phase auto-reclosing protection system of a double circuits transmission line" , *2013 International Conference on Electrical Communication, Computer, Power, and Control Engineering (ICECCPCE)*, Mosul, 2013, pp. 31-36. <http://ieeexplore.ieee.org/stamp/stamp.jsp?tp=&arnumber=6998766&isnumber=6998733>
8. **Ahmed J. Ali, Ahmed A. A. and Rakan Kh. Antar** "Sensorless speed control of separately excited DC motor using Neuro-Fuzzy controller", *2013 International Conference on Electrical Communication, Computer, Power, and Control Engineering (ICECCPCE)*, Mosul, 2013, pp. 37-41.
doi:
10.1109/ICECCPCE.2013.6998767. <http://ieeexplore.ieee.org/stamp/stamp.jsp?tp=&arnumber=6998767&isnumber=6998733>
9. **Ahmed J. Ali¹, Dr ziyad K. Farej², Nashwan S. Sultan³**"Performance evaluation of a hybrid fuzzy logic controller based on genetic algorithm for three phase induction motor drive", **International Journal of Power Electronics and Drive System (IJPEDS)** Vol. 10, No. 1, March 2019, pp. 117~127

Skills Level:

1. English Language Reading: Good. Writing: Good.
 Understanding: Good. Speaking: Medium.
2. Arabic Language Expert (reading, writing, understanding, speaking)

RESEARCH INTERESTS

- Electrical machines:
 - Modeling and control of linear and rotary electric machines, and other electromechanical devices.
- Faults Monitoring:
- Advanced and Inelegant Control Systems:
 - Utilization and application of control system for:
 - Control of electric machines.
 - Intelligent control of drives systems.
- Renewable energy:
 - solar, or wind based systems.

TEACHING EXPERIENCE SUMMARY

- Lecturer of Electrical and Control Engineering – Northern Technical University/ Technical college of Engineering, Iraq/Mosul (2006 ~ present)
 - Electric Machines
 - Electric Machines Laboratory
 - Control Systems

- Control Systems Laboratory
- Electric Circuits
- Electric Circuits Laboratory

TEACHING INTERESTS

- Modern electrical machinery and variable speed drives.
- Power electronics.
- Control systems.
- Renewable energy sources.