



Curriculum Vitae
Assistant Professor : Fady Wadie Guirgis

Department of Telecommunication
 Faculty of Engineering, Egyptian Russian University
 Badr City, Cairo-Suez Road, Postal Code 11829
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1. Personal Information

First Name / Sure Name: Fady Wadie Guirgis
Date of Birth: 22/08/1987
Nationality: Egyptian
E-mail: fady-wadie@eru.edu.eg
Gender: Male

2. Education

Title of Awarded Degree	Name of Organization Providing Education	Principle Subject	Dates	
			From	To
PhD.:	Faculty of Engineering at Shoubra Banha University	Wide Area Protection	2015	2019
			Thesis Title: Performance Enhancement of Wide Area Protection Using Fault Identification Scheme	
MSc.:	Faculty of Engineering at Shoubra Banha University	Electrical Engineering	2012	2015
			Thesis Title: Analysis and Control of Overvoltages on Vacuum Circuit breaker Switched large Induction Motors Using Wavelet Technique	
BSc. :	Faculty of Engineering Ain Shams University	Electrical Engineering	2004	2009

3. Professional Experience

Occupation	Name & Address of Employer	Main Activities & Responsibilities	Dates	
			From	To
Electrical Engineer	Sega-M	Designing Electrical Panels	2010	2011
			Teaching Demonstrator	
Teaching Demonstrator	Egyptian Russian University	Teaching Electrical Engineering related courses	2011	2015
			Assistant Lecturer	
Assistant Lecturer	Egyptian Russian University	Teaching Electrical Engineering	2015	2019

		related courses		
Lecturer	Egyptian Russian University	Teaching Electrical Engineering related courses	2019	present

4. Discipline

General Discipline	Electrical Engineering	Principle Subject	Electrical power engineering
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5. Teaching Experience

Course Title	Course Code	University	Academic Years
Power Transmission	EE407	Egyptian Russian University	2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019
Electric Machinery	EE222	Egyptian Russian University	2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019
Power Electronics and Supplies for Telecommunication	EE204	Egyptian Russian University	2015, 2016, 2017, 2018, 2019
Power Electronic and drive systems	EE217	Egyptian Russian University	2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019
Fundamentals of Electrical and Mechanical Engineering	EE113	Egyptian Russian University	2012, 2013, 2014, 2015, 2016
Physics 2	BS102	Egyptian Russian University	2012, 2013, 2014, 2016

6. Professional & Technical Skills

Designing electrical panels, control systems, wiring schematics
 Designing control systems using PLC- Siemens Step 7 200
 Teaching Electrically related academic courses

7. Personal Skills

Computer Skills	Self Assessment		
	Excellent	Good	Fair
Microsoft Windows, Word 2010, PowerPoint 2010, Excel 2010	✓		
AutoCAD 2010		✓	

Matlab		✓	
E-plan			✓
ATp/EMTP		✓	
Language Skills	Self Assessment		
	Excellent	Good	Fair
Arabic	✓		
English	✓		
French		✓	
Other Skills			

8. Scientific Activities

Publication:

- [1] M. A. Ebrahim, T. Elyan, F. Wadie, and M. Abd-Allah, "High frequency spectrum analysis of transient overvoltage across VCB switched large induction motors" International Journal of Applied Science and Engineering Research, Vol. 4, (5), pp. 847-855, 2015.
- [2] Mohamed A. Ebrahim, Tamer Elyan, Fady Wadie, Mousa A. Abd-Allah, "Optimal Design of RC Snubber Circuit for Mitigating Transient Overvoltage on VCB via Hybrid FFT/Wavelet Genetic Approach", Electric Power Systems Research, Vol.143, pp. 451-461, February 2017.
- [3] Mohamed A. Ebrahim, Fady Wadie, Mousa A. Abd-Allah, "A Synchronized-Phasor-Measurements-Based Wide Area Protection Scheme for Transmission Lines," Journal on Power Systems Engineering, vol. 6, no. 2, July 2018.
- [4] Mohamed A. Ebrahim, Fady Wadie, Mousa A. Abd-Allah, "A Wide Area Fault Detection Algorithm for Transmission Networks Equipped with Series Compensation Units," International Journal of Applied Power Engineering, vol. 8, no. 1, April 2019.
- [5] Mohamed A. Ebrahim, Fady Wadie, Mousa A. Abd-Allah, "An Integrated Fault Detection Algorithm for Transmission, Distribution and Microgrid Networks," IET Energy Systems Integration, available online at: <https://digital-library.theiet.org/content/journals/10.1049/iet-esi.2019.0002>.

a. Supervision:

Degree	Thesis Title	Researcher Name	Start Date	Approval Date
Not applicable				

b. Conferences:

Conferences	Professional Conference Organizer	Keynote Speaker	Presenter	Attendee	Organizer
Not applicable					

9. Trainings & Workshops

- Technical training course at ABB Arab , 10th of ramdan city.
- Technical training course in the Automation and Drives Dept. at Siemens

10. Social Activities

Not applicable

11. Membership of Professional Associations

Not applicable

12. Awards

Not applicable

I certify that the information provided in this curriculum vitae is accurate.

Name	Fady Wadie	Signature	Fady Wadie	Date	
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