

Waleed Abdel Aziz Salem
Graduated in Electrical
Measurement & Control Engineering
Department

Contact Information »

Phone: (+20) 1066690411
E-Mail: walid.attia@bhit.bu.edu.eg
Web Site: www.bu.edu.eg/staff/walidattia5
www.waleedsalem.ucoz.com

Personal Information ▼

Name: Waleed Abd-El Aziz Saliem Attia
Nationality: Egyptian
Resident of: Benha
Birth date: 26 Sep. 1982
Gender: Male



Education ▼

College: Benha Faculty of Engineering
University: Benha University
Address: Benha, Qalubia, Egypt
Degree: *Bachelor in Power & Control Engineering* June. 2004
Department of: Electrical Engineering
Grade: Excellent with Honour Degree

Postgraduate Studies ▼

Degree: *Master in Electrical Engineering* (M.Sc.) June. 2008
Department of: Electrical Engineering Technology
Degree: *Doctor in Electrical Power & machines Engineering* (PhD) April. 2012
College: Faculty of Engineering
University: Cairo University

Academic Experiences ▼

Institution: Benha Faculty of Engineering
Member Assistant March.2005

Institution: Benha Faculty of Engineering
FLDP (Faculty and Leadership Development Project)
Three Courses 2008

Institution: Benha University
FLDP (Faculty and Leadership Development Project)
(ECDL) From Central Units of ICT Training. 2008

Institution: Benha University
ICDL 2008

Institution: Benha Faculty of Engineering
Lecturer Assistant June.2008

Institution:	Cisco Networking Academy Instructor for semester 1&2 in CCNA	2008
Institution:	Benha University TOT IN IC DL	2009
Institution:	Benha Faculty of Engineering Assistant Professor	2012
Institution:	Benha University Member of Solar System Project in Benha University	2014
Institution:	Benha Faculty of Engineering Member of Solar System Project in Faculty of Engineering	2014
Institution:	Benha Faculty of Engineering Member of CIQAP Project	2013-Until now
Institution:	El-Sewedy Automation Company S.A.E Project Manger	
Institution:	SEIDCO General Contracting Company L.L.C Consultant	
Institution:	KMT for Industrial Services Training Manger	

Undergraduate Teaching Courses

- Engineering Applications.
- Automatic Control.
- Power System Dynamics.
- High Voltage Engineering.
- Electrical instrumentation.
- Protection and Relaying Devices.
- Biomedical Instruments.
- Hospital Instrumentation.
- Electrical Engineering Technology
- Clinical Equipment Management.
- Electrical Circuits.
- Electrical Safety
- Building Electrical Installation and Fire Alarm System Design.

Postgraduate Teaching Courses

- Robot Control
- Power System Analysis & Planning.
- Clinical Equipment Management.

Publications ▼

- “**Computational Aspects of Electromagnetic Fields near H.V. Transmission Lines**” Energy and Power Engineering journal, scientific research, 2009, 65-71, 10.4236/epe.2009.12010 Published Online November 2009 (<http://www.scirp.org/journal/epe>).
- "**Biological Effects of Electromagnetic Fields on Human Body**" Book, Published April 8th 2011 by LAP Lambert Academic Publishing.
- "**A Study of K Factor Power Transformer Characteristics by Modeling Simulation**" ETASR Engineering, Technology & Applied Science Research Vol. 1, No. 5, 2011, 114-120.
- "**Predicting transformer temperature rise and loss of life in the presence of harmonic load currents**" Ain Shams Engineering Journal ,Volume 3, Issue 2, June 2012, Pages 113–121.
- “**Experimental Study for Biological Effects of Electromagnetic Fields on Human Body**” American Journal of Biomedical Science and Engineering,2015.
- "**Enhancement Energy Saving and CO2 Emissions Reducing through PV Systems**" JOURNAL OF ENVIRONMENTAL SCIENCE-2016

Training Experiences ▼

	TRAINING COURSE NAME	COMPANY NAME	YEAR
1	SLC500 Fundamental and Troubleshooting	CADBURY EGYPT	2012
2	Controllogix Fundamental and Troubleshooting	CADBURY EGYPT	2012
3	Controllogix Fundamental and Troubleshooting	BOSTIK	2012
4	Controllogix Fundamental and Troubleshooting	JABCO PETROLEUM	2012
5	PLC5 Fundamental and Troubleshooting	AMOC PETROLEUM	2012
6	Controllogix Fundamental and Troubleshooting	SUEZ OIL	2012
7	Controllogix Fundamental and Troubleshooting	PETROBEL	2012
8	Controllogix Fundamental and Troubleshooting	PROCTER & GAMBLE	2013
9	PLC5 /SLC Fundamental and Troubleshooting	GASCO	2013
10	Controllogix Fundamental and Troubleshooting	KHALDA PETROLEUM	2013
11	ControlNet & EtherNet Communication	GASCO	2013
12	Controllogix Fundamental and Troubleshooting	PETROBEL	2013
13	ControlNet & EtherNet Communication	PROCTER & GAMBLE	2013
14	Controllogix Fundamental and Troubleshooting	AGIBA PETROLEUM	2013
15	Controllogix Fundamental and Troubleshooting	ABUQIR PETROLEUM	2013
16	Controllogix Fundamental and Troubleshooting	SUN MISR	2014
17	Controllogix Fundamental and Troubleshooting	HAYAT EGYPT	2014
18	ControlNet , EtherNet & DeviceNet Communication	QARUN PETROLEUM	2014
19	Controllogix Fundamental and Troubleshooting	QARUN PETROLEUM	2014
20	Controllogix Fundamental and Troubleshooting	RIDGEWOOD EGYPT	2014
21	Controllogix Fundamental and Troubleshooting	RIDGEWOOD EGYPT	2014
22	Controllogix Fundamental and Troubleshooting	MANSOURA PET.	2014
23	SLC500 Fundamental and Troubleshooting	PETROBEL	2014
24	SLC500 Fundamental and Troubleshooting	DAPETCO	2014
25	SLC500 Fundamental and Troubleshooting	TETRA PARK	2015
26	Controllogix Fundamental and Troubleshooting	EPROM	2015
27	Controllogix Fundamental and Troubleshooting	PETROBEL	2015
28	Controllogix Fundamental and Troubleshooting	GUPCO	2015
29	Controllogix Fundamental and Troubleshooting	JUHAYNA	2015
30	SLC500 Fundamental and Troubleshooting	DAPETCO	2015

31	Controllogix Fundamental and Troubleshooting	MISR BRICK	2015
32	Controllogix Fundamental and Troubleshooting	RASPETCO	2015
33	ControlLogix advanced (CNT & EtherNet) Communication	GASCO	2015
34	Controllogix Fundamental and Troubleshooting	SPHINX FOR FLAT GLASS	2015
35	PLC5 Fundamental and Troubleshooting	GUPCO	2015
36	ControlLogix advanced (CNT & EtherNet) Communication	GUPCO	2015
37	Controllogix Fundamental and Troubleshooting	Nestle Ice Cream	2015
38	Motion Fundamental and Troubleshooting	Nestle Ice Cream	2015
39	ControlLogix advanced (CNT,DNT&ENET) Communication	SUMED&GASCO	2015
40	Controllogix Fundamental and Troubleshooting	BOSTIK	2016
40	Controllogix Fundamental and Troubleshooting	GASTEC	2016
41	AC/DC Machines Fundamental and Troubleshooting	ELAHRAM	2016

Projects experiences ▼

- Maintenance and troubleshooting Allen Bradley PLC systems ,SLC systems & control logix in industry locations

	PROJECT NAME	COMPANY NAME	YEAR
1	Biscuit Mixer Develop a new program for PLC (SLC500) and Panelview Plus Programming connected to PLC Via RS232 DF1 Driver	Cadbury Egypt	2012
2	Upgrade from PLC2 to PLC 5 Conversion	Alumisr Company	2012
3	Decanter For Waste Water Treatment Plant <ul style="list-style-type: none"> - Design System Layout and Wiring - Install system hardware - Develop a new program for PLC (SLC 500) , Panelview Plus Programming and Factory Talk SCADA System Programming 	Nestlé Cairo S.A.E.	2013
4	Upgrade Allen Bradley PLC2 For PLC10 to Controllogix System at ALBA Bahrain	ALBA Company, Bahrain	2013
5	Valve Cluster Develop a new program for PLC (SLC 500)	Nestlé Cairo S.A.E.	2013
6	Mix Return for Batch Tanks Between GEA New Factory and Pasteurization Old System	Nestlé Cairo S.A.E.	2013
7	Upgrade Allen Bradley SLC to Controllogix System CIP& Pasteurization Systems	Nestlé Cairo S.A.E.	2015
8	Design of Fire Alarm System	SEIDCO	2016
9	Design of lighting System	SEIDCO	2016
10	Design and supervision of electrical distribution	SEIDCO	2016
11	Electrical Distribution panel control system	ABB	2016