



Curriculum Vitae

- Name: Aly Mohamed Aly Gaballa
- Title: Lecturer
- Department: Electrical Engineering
- E-mail: ali.gaballa@su.edu.eg

A) Academic Qualifications:

- Bachelor's Degree in Electrical Engineering. University: Alexandria Year: 1992
- Master's Degree in Electrical Engineering University: Alexandria Year: 2000
- Ph.D. in Electrical Engineering. University: Alexandria Year: 2009

• Other Qualifications:

B) Academic promotions:

- Demonstrator, Date: 1993
- Assistant Lecturer, Date: Dec. 2000
- Lecturer, Date: Mar. 2009

D) Academic Administrative Experiences:

E) Scientific Activities

1: Membership of Professional Organizations and Scientific Societies

2: Training Courses/workshops:

- Digital communications Lab., Lab-Volt, Canada (Quebec) .2010
- Radar System, Lab-Volt, Canada (Quebec) .2010
- GPS, Lab-Volt, Canada (Quebec) .2010

3: Conferences, Seminars and Workshops:

- National Radio Science Conference, NRSC 2004, March 2004
- National Radio Science Conference (NRSC 2005), 2005 Cairo - Egypt
- National Radio Science Conference (NRSC 2008), March 2008
- National Radio Science Conference, NRSC 2009

4: Teaching Scopes:

Location: Air Defense College

- Electrical Circuit Analysis, (EE212)
- Electronic Circuit Analysis, (EE234)
- Signals and Systems , (EE 361)
- Electromagnetic Waves, (EE 362)
- Microwave Devices , (EE 364)
- Analog Communication theory, (EE 682)
- Digital Communications, (EE 481)
- Communication Systems, (EE 484)
- Digital Signal Processing , (EE 466)
- Antenna Engineering, (EE 466)
- Optical Communications Systems, (EE482)

Location: The High Institute for Engineering & Technology (El-Beheira)

- Neural Networks , (CE524(1))
- Mathematics 3, (BA11)
- Data Acquisition System, (CE425)
- Signal Processing , (425)
- Robotic Engineering ,(CE 524)
- Data Security (CE 528)

Location: Sinai University

- Electronic (1)
- Electronics (2)
- Measurements and instrumentations



- Radio Navigation systems
- Optical Communication Systems
- Mobile Communications
- Satellite Communications.
- Microwaves and Millimeter wave Engineering and Design
- Microwave Engineering.
- Digital Signal Processing.
- Digital design.
- Electronics and Applications
- Mechatronics (1)
- Mechatronics (2)
- Mechatronic Automation.
- Robotics.
- 3D Printer 2014
- Design of a Low-Cost Solar Cells Sun Tracking Using LDR Sensor Arrays 2015
- Kinect Remote Controlled Vehicles 2016
- Android Controlled Mobile Robotic Arm 2017
- Wireless Voice Controlled Robotic Arm 2018
- Android Controlled Automated System For Detection 2019
- Capsule Endoscopy 2020

H) Skills

- Language Skills: **Arabic:** native language, **English:** fluent, working knowledge.
- Computer Skills: Windows Operating System. Microsoft Office (Word, Excel, PowerPoint). Matlab.