

Curriculum Vitae

1. Personal Data :

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2. Specialization :

- General specialization : **electrical Engineering**
- Specific Field : **electronics and communication**

3. Academic Rank : lecturer

4- Qualification:

- Bachelor of science in communications engineering from the Military Technical College, 1976.
- Diploma degree in “Digital Communications” from the Military Technical College, 1989.
- Master Degree in systems and computer engineering from the Faculty of Engineering, Al-azhar University, 1995.
- Ph.D degree in Electronics and Communications engineering from the Faculty of Engineering, Ain Shams University, 2001.
- Bachelor of military science from the Military Technical College, 1976.

5. Employment History:

- 15/1/2005 -29/10/2008 :assistant professor – higher technological institute 10th of Ramadan city
- 29/10/2008- 30/8/2014 :assistant professor – al baha private college of science –department of computer engineering
- 1/9/2014-till now : Assistant Prof.-higher institute of engineering al shorooq academy
- Current appointment:
 - lecturer in the department of communications and computer engineering, Higher Institute, Shrooq academy since 2008/2009 until today.

6. Teaching Experience:

Teaching experience:

- lecturer in the department of electrical engineering and computer, Higher Technological Institute of 10th of Ramadan city since 15th of Jan. 2005 until 2008/2009.

- In the Armed Forces Technical Institute.
- In Sadat Academy for management science (graduation project supervisor).
- In the National Telecommunications Institute, Digital Communication and Satellite communications Curriculum for second year Diploma students, 7 years of experience, 2001-2008.
- In the National Telecommunications Institute, supervising graduation project for second year, transmission department diploma students , 7 years of experience , 2001-2008.
- In the Higher Technological Institute, of 10th of Ramadan city teaching the following material :
 - Communication systems. • Communication I.
 - Communication II. • supervising the graduation projects, 4years of experience, since 15th of Jan. 2005 until 2008/2009.
- In Misr International University (MIU) teaching "Information theory and coding" academic year 2006/2007.
- In Ain Shams University-faculty of engineering supervising graduation projects of the communication specialization -academic year 2006/2007and 2007/2008.
- In Ain Shams University-faculty of engineering teaching "Information theory and coding" academic year 2007/2008
- In Ain Shams University-faculty of engineering supervising one post-graduate students for the master of science degree.
- In Ain Shams University-faculty of engineering supervising one post-graduate students for the doctoral degree.
- In Shoroq academy /the higher institute of engineering supervising graduation projects of the communication specialization -academic year 2007/2008.
- Currently works as an associate professor in Albaha Private College of Science in computer engineering department starting from academic year 2008/2009 till now. the courses I am teaching include the following:
 - Communication theory
 - digital communication
 - introduction to data transmission
 - digital signal processing
 - computer interface circuits
 - electrical circuits analysis
 - measurements and instruments.
 - Computer networks and security

7.Research Interests:

Research areas:

- Theoretical and practical studies of interference between coexisting communication systems of different parameters
- Design and implementation of electronic circuits for different purposes like power supplies, transmitters, receivers, logic circuits, etc.

8.Publications:

Published papers:

- **Nancy W. Riad, Prof. Wagdy R. Anis, Dr. A. Kassas, "Design and Simulation of Single Phase 3 KW PV" International Japan-Africa Conference on Electronics, Communications and Computations, Alexandria, Egypt, Dec.15-16, 2019.**
- **“Comparison between LTE and WiMAX based on System Level Simulation Using OPNET modeler (release 16)”, 28th National Radio Science Conference (NRSC 2011)March 15-17, 2011, National Telecommunication Institute, Egypt**
- **“Performance Analysis of FHMA, MFSK over Rician fading channel under MTJ”, in proceedings of 17th national radio science conference, Minuf, Egypt, Feb. 22-24, 2000.**
- **“Performance Analysis of FHMA, MFSK over Shadowed Rician fading channel under MTJ”, in proceedings of 18th national radio science conference, Mansoura, Egypt, March 27-29, 2001.**
- **Preparation of a book titled “Satellite Communications” for Microelectronic Research and Development Unit, faculty of engineering, Ain Shams University, under contract with the ministry of communication and information.**
- **Preparation of a book titled “Wireless Communications II” for private wireless communication institutes under contract with the National Telecommunications Institute.**