

## **C.V.: Prof.Dr. Eng. Nagy Wadie Messiha**

**Specialization:** Telecommunication Engineering

### **Academic Degrees:**

1. B.Sc. in Electrical Engineering Telecommunication Department. Ein Shams University, Cairo, Egypt, June 1965.
2. Diploma in Telecommunication Engineering Helwan University, Cairo, Egypt, 1973.
3. Diplom Engineer in Electrical Engineering (Engineering Informatics) Stuttgart University, (West) Germany, June 1978
4. Dr. Engineer in Electrical Engineering, Institute of Switching and Data Techniques. Stuttgart University, (West) Germany, August 1981

### **Computer Ability:**

1. Use of available program packages in the field of specialization.
2. Writing and developing program packages in the field of specialization.

### **Employment and Positions Held:**

1. Demonstrator : 1965 – 1974 Faculty of Electronic Engineering Menoufia University, Menouf, Egypt  
During the period: From 1968 – 1971 military service From 1971 – 1973 Postgraduate studies (M.Sc.)
- 2- Ph.D. candidate: 1974 – 1981 During this period: From 1974 – 1975 German language ,(Goehte Institute, Staufen, Germany)  
From 1975 – 1978 Diplom Engineer (Dpl. Eng.), Stuttgart univ. From 1978 – 1981 Dr. Engineer (Ph.D.)
- 3 Lecturer 1981 – 1987 Faculty of Electronic Engineering, Menoufia University, Menouf, Egypt
- 4 Associate Professor 1987 – 1990 Faculty of Electronic Engineering Menoufia University, Menouf, Egypt
- 5- Associate Professor: 1990 – 1996, on leave to Hijjawi College of Applied Engineering Yaruouk University, Erbid, Jordan
- 6- Professor since 1993 Faculty of Electronic Engineering, Menoufia University, Menouf, Egypt

### **Sample of Subjects Taught:**

1. Communication systems
2. Systems and networks.
3. Computer Networks.
4. Information Theory and Coding.
5. Multimedia communication
6. Telephone communication Systems.
7. Telecommunication Network Planning.
8. Digital signal processing
9. B.Sc. Projects.
- 10- Courses for M.Sc. students.

### **Scientific Activities:**

1. Publications:  
40 published papers in the field of Telecommunications, digital exchange systems, Communication networks, networking planning. Teletraffic theory, and computer networks.

### **Supervision:**

Several M.Sc. and Ph.D. Thesis, at the faculty of Electronic Engineering, Menoufia University, Menouf, Egypt.

### **Other Activities:**

1. Member of the Committee for the development and Preparation of the laboratories Electronics and Telecommunications) for undergraduate students (at Menoufia University, Menouf, Egypt.
2. Teaching programming techniques using high level languages for university employees, Menoufia University, Egypt
3. Member of the joint-research project entitled:  
"Introduction of digital exchange systems in the network of developing countries". The project was sponsored by the Federal Republic of Germany, at Stuttgart University, (West) Germany, Aug 1983 to Oct 1983. Member of the joint-research project t entitled: "Transfer of VLSI technology and its adaptation to digital exchanges and similar systems, Menoufia University (Egypt), Cairo University (Egypt), and Stanford University (USA).
4. Member of the committee for developing the correcurum for undergraduate courses at Hijjawi College of Applied Engineering, Yaruouk University, Ebrid, Jordan.
5. Intensive short training courses (theoretical and practical) in the field of telecommunication for engineers and technicians, at the training center, ministry of telecommunication, Kuwait. (Training courses: O&M for AXE-10, EWSD systems – Digital subscriber line (XDSL). – ATM- Microwave Systems, Intensive training courses at Sudan Telecom. Training Center, Khartoum South (SUDATEL), in the field of: (Digital Exchange systems (EWSD, ITC2 system 12), SDH, Electrical safety, Causes and prevention of electrical hazards, Inteligent networks