

## **CURRICULUM VITAE**

### **Dr. ESSAM EL-DIN MAHMOUD MOHAMED SHAFEI**



#### **I. Personal Information**

Name: **Essam El-din Mahmoud Mohamed Shafei**

DOB: 20/04/1961

Nationality: Egyptian

Current Job: Assist. Professor at Biomedical Department–Faculty of Engineering at Helwan – Helwan University, Helwan, Egypt.

Social Status: Married, has two children

Addresses: 1A, 14B St. , El-Maadi, Cairo. Egypt.

Telephones: Home +(202)29177128

Mobile : +(2128) 9084750

Emails: shafei\_essam@hotmail.com

#### **II. Education and Qualifications**

- Ph.D., Communications and Electronics Eng., Helwan University, Helwan, Cairo, Egypt, July 1997 (**Under Joint-Supervision Channel, Helwan University/Fraunhofer Institute for Biomedical Engineering, St. Ingbert, Germany**).  
Thesis title, “ **Investigation of the Effect of Ultrasonic Field Distribution on the Acoustic Imaging of Objects**”

- M.Sc., Communications and Electronics Eng., Helwan University, Helwan, Cairo, Egypt, July 1989.  
Thesis title, “**Direct Design Method of High Order Digital Filters**”
- B.Sc., Communications and Electronics Eng., Helwan University, Helwan, Cairo, Egypt, May 1984. Grade: Very Good with honor degree. Rank: First on a class of 186 students. Project grade: Excellent.

### III. Vocational Experience

- Administrator at Communications and Electronics Dept. Faculty of Engineering at Helwan, Helwan University. 1984-1989.
- Assistant Lecturer at Communications and Electronics Dept. Faculty of Engineering at Helwan, Helwan University. 1989-1997.
- Assist. Professor at Communications and Electronics Dept. Faculty of Engineering at Helwan -Helwan University. 1997-1999.
- Assist. Professor at Biomedical Dept. – Faculty of Engineering at Helwan – Helwan University, 1999 till now, (during this period I spent twelve years (2002-2013) at Electronics Dept Faculty of Communications and Electronics, -Jeddah-KSA)

### IV. Teaching Experience in the University and consultations

*Dr. Essam El-din Shafei* has a long experience in academic teaching in the university before and after having been awarded his Ph.D. degree. This include:

#### *Undergraduate, postgraduate and training (industry) Courses*

- Industrial Electronics (B.sc).
- Electronic Circuits (B.sc + M.sc + training courses in industry).
- Design of Logic Circuits (B.sc + M.sc+ training courses in industry).
- Integrated Circuits (M.sc).
- Electronic Measurements (B.sc).
- Biomedical Electronics (B.sc)

### V. Research Interest

Electronics Design Automation,

**VI. Publications**

- Saad. E. M, El-Adawy. M.I & E. Shafei, “Direct Design Method of High Order Digital Filters”. Processing of U. R. S. I.,Cairo 1988.pp.1C8-8C8.
- 2.S. M. El-Sherbiny and E.Shafei, “ Investigation of the Effect of Ultrasonic Field Distribution on the Acoustic Imaging of Objects” Processing of U. R. S. I.,Cairo 1998.
- “ Direct design method of high order digital filters “ Proc. of ECCTD -89 , Sep. 5-8 , 1989 Brighton , U.K.