

C.V.

Personal Data

Name: Gaber EL-ABYAD

Nationality: Egyptian

Date of Birth: 4/3/1949

Place of Birth: Alexandria, Egypt

Sex: Male

Marital Status: Married with children

Mailing Address: Dept. of Electronics and Electrical Communications, Faculty of Electronic Engineering Menouf, Egypt

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Academic Qualifications:

1. Polytechnique Diploma in Telephone Transmission Line and System, from Training Technicians Institute For Telephones, Nasr city, Cairo, EGYPT, 1971.
2. B.Sc. (1975) in Electronic Engineering from Dept. of Electronics and Electrical Communications, Faculty of Electronic Eng, Menouf, EGYPT.
3. M.Sc. (1982) in Electronics and Communication Eng. From Dept. of Electronics and Electrical Communications, Faculty of Electronic Eng., Menouf, EGYPT.
4. Ph.D. (1987) in Optical Communications from Dept. of Electrical Communications, Faculty of Electronic Eng., Menouf, EGYPT in collaboration with Dept. of Electrical and Electronic Engineering, University of Birmingham, UK.

Professional Background:

1. Demonstrator in Dept. of Electronics and Electrical Communications, Faculty of Electronic Eng., Menouf, EGYPT from 1977 till 1982
2. Assistant Lecturer in Dept. of Electronics and Electrical Communications, Faculty of Electronic Eng., Menouf, EGYPT from 1982 till 1987
3. Lecturer in Dept. of Electronics and Electrical Communications, Faculty of Electronic Eng., Menouf, EGYPT from 1987 till now
4. Member of Scientific mission to the University of Birmingham from 10/1992 to 4/1993.
5. Assistant Lecture in Communication Technology Dept., College of Telecommunication & Electronics, Kingdom of Saudi Arabia, from 1999 to 2005.
6. Head of General Studies Dept. , College of Telecommunication & Electronics, Kingdom of Saudi Arabia, from 1999 to 2000.
7. Head of Communication Technology Dept., College of Telecommunication & Electronics, Kingdom of Saudi Arabia, from 2004 to 2005.
8. Supervisor of Workshops and Maintenance Sections, Faculty of Electronic Engineering, Menouf

Scientific Activities:

Research:

1. Supervision of a Ph. Degree, thesis titled: "Some Investigations on Plastic Optical Fiber for Communication System" in collaboration with Paul Sabatier Universities, "Laboratoire de Genie Electronique".
2. Supervision of a Master thesis titled: "Fabrication of Fused Biconical Taper Optical Fiber Coupler in the Laboratory".
3. Supervision of a Master thesis titled: "Study the Coupling Performance of Multimode Optical Fiber Coupler".
4. Supervision of B.Sc. graduation projects in topics of Satellite Communications.
5. Participation with three papers in AL-Azhar Engineering Fourth International Conference (AEIC'95), Cairo, EGYPT, December 16- 19, 1995, Volume (6) Electrical Engineering under the following titles:
 - " A modified Approach For Fabrication and Characterization a K⁺-Na⁺ ion-exchanged Optical Waveguides"
 - "Control of Coupling Efficiency and Bandwidth of Single-Mode Optical Couplers /Filters by Changing of Coupler and Separation between Two Fibers"
 - "Two-Channel Wavelength Division Multi/Demultiplexing Devices by Using: Single GRIN-rod lense, Mirror, and Interference Filter for Multimode Fibers"



6. Participation with a paper in The Electronic Engineering Bulletin, Faculty of Electronic Engineering, Menoufia University, NO.16, July 1998 under title : "Fabrication of Fused Biconical Taper Optical Fiber Coupler in The Laboratory".
7. Under Publication papers :- " ABCD Matrix Application on Two-channel WDM Device Using: Single GRIN-rod lens, Mirror , and Interference Filter for Multimode Fibers" -" Design and Assembly a Micro-optic Two-channel WDM device and its Applications in Optical Links ".
8. Participation with two papers in the first and second AL-Azhar Conferences" Arabic Translation for Engineering Science") 5-6 April 1995, 20- 21 March 1996, Cairo.

Books:

Published:

1. Electronic Components and Practical Applications, issue No.94/10538, ISBN977-00-7974-x.
2. Electrical Appliances Operation & Maintenance, Part (1,2,3), issue No. 97/9146, ISBN977-287-030-4
3. Engineering Drawing-Theory and Applications, issue No.95/10326.
4. Engineering Drawing. Issue No. 93/10463
5. Introduction to Digital Communications, issue No.2005/15075, ISBN9-2478-17-977
6. Member of Course Development Program in General Organization for Technical Education and Vocational Training, KSA.
7. Technology of Electronic Workshops, issue No. 2007/4322

Under Publishing:

1. 3G Mobile Communication
2. CNC Machines-Hardware & Software
3. PCB CAD, Eagle program
4. Electronic Cards Maintenance
5. Graphic Drawing for Electronics

Training Course:

1. Attendance of a training course in "Satellite Communications" in Dept. of Electrical and Electronic Engineering, University of Birmingham, UK, 1986.
2. Attendance of a training course in "Digital Communications" in Dept. of Electrical and Electronic Engineering, University of Birmingham, UK, 1986.
3. Attendance of Project Management Course

Teaching Courses for Undergraduates Students

1. Telecommunication Network Planning
2. Telephone exchanges
3. Satellite Communications
4. Communication Systems
5. Technology of Electronic Workshop
6. Optical Fiber Communication
7. Digital Communication
8. Mobile Communication