



## **Prof. Moustafa Hussein Aly Hassan**

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### **Current Position**

- President Consultant for Training, Arab Academy for Science, Technology and Maritime Transport, Alexandria, Egypt.
- Professor of Optical Communications, Department of Electronics and Communications Engineering, College of Engineering and Technology, Arab Academy for Science, Technology and Maritime Transport, Alexandria, Egypt.

### **Professional Experience**

- **Faculty of Engineering, University of Alexandria, Egypt, 1976-2004:**  
Instructor (14/10/1976-8/2/1982) – Assistant Lecturer (9/2/1982-25/5/1987) – Assistant Professor (26/5/1987-25/5/1992) – Associate Professor (26/5/1992-26/7/1997) – Professor (27/7/1997-30/6/2004).
  - On leave to Beirut Arab University, Beirut Lebanon, 1/10/1991-31/8/1993.
  - On leave to College of Engineering and Technology, Arab Academy for Science, Technology and Maritime Transport, Alexandria, Egypt, 1/9/1993 – 31/8/1995 and 1/9/1999 – 30/6/2004.
  - Part Time in: College of Air Defense 1987-1991, Faculty of Education (Department of Industrial Education), 1987-1989, Alexandria Higher Institute for Engineering 1996-1997.

▪ **College of Engineering and Technology, Arab Academy, 1/7/2004 till now:**

- Professor (Dept. of Electronics and Communications Engineering)... Prize of Best Professor in College in Mar. 2011.
- Assistant Dean for Education and Research Affairs 1/7/2006 – 30/6/2010.
- Vice Dean for Education Affairs 1/7/2010 – 19/12/2011.
- Dean, College of Engineering, 20/12/2011 – 14/12/2014.
- Head, Engineering Consultations Center, 20/12/2011 – 14/12/2014.
- Vice President, 15/12/2014 – 31/7/2015
- President Consultant for Training Affairs, 1/8/2015 - present.

## **Academic Qualifications**

- B.Sc., Faculty of Engineering, University of Alexandria, Egypt, 1976, Excellent with degree of honor, Ranked 1<sup>st</sup>.
- M.Sc., Faculty of Engineering, University of Alexandria, Egypt, 1983.
- Ph.D., Faculty of Engineering, University of Alexandria, Egypt, 1983.
- Associate Professor 1992.
- Professor 1997.

## **Distinguished Activities**

- A member of the committee preparing the required documents for the following accreditations (My college got all of them during my period of vice dean and dean):
  - ISO
  - ABET
  - RIBA (UK for Architectural Engineering).
  - IET (Professional Institutes in UK).
  - Supreme Council of Egyptian Universities for B.Sc. and M.Sc. degrees.
  - Egyptian National Authority for Quality Assurance and Accreditation (NAQAEE).
- Member of committee of preparing files to initiate the Ph.D. degree in College of Engineering, Arab Academy.
- Preparing the time tables for students, staff and exams 10 years.
- Member of many committees in Arab Academy for education, higher studies and human resources.

## Scientific Activities

- Postdoctoral research in Faculty of Engineering, Strathclyde University, Glasgow, UK, 1998 and 1991.
- Postdoctoral research in International Center for Theoretical Physics, ICTP, Trieste, Italy, 1990 and 1993.
- Member of Optical Society of America (OSA) since 1988 (# 26817).
- Specialization: Optical Communications (Laser, Optical Fibers, Free Space Optical Communications).
- External Reviewer in: Journal of Lightwave Technology, Journal of Optical Communications, Optical Engineering, Optik.
- A member in the committee of Supreme Council of Egyptian Universities for promotion of degrees of: Associate Professor and Professor.
- A member in the committee of Arab Academy for promotion of degrees of: Associate Professor and Professor.
- A member in the committee of Egypt Prize for Science.
- Published 238 scientific papers in specialized journals (periodicals) and conferences including 4 books (extracted from M.Sc. theses).
- Co-supervisor for 20 Ph.D. students who already got the Ph.D. degree (Egypt and UK)
- Co-supervisor for 97 M.Sc. students who already got the Ph.D. degree (Egypt).
- A member jury committee in 29 Ph.D. and 72 M.Sc. degrees (Egypt)... This includes one Ph.D. in Queen's University, Canada April 2015 and another in Ensta Univ., Brest, France, Dec. 2015. This includes also 2 Ph.D. in Anna University-Chennai, India.
- Assigned a number of MOUs with Universities of (Missouri, USA – Lincoln, UK - UTM, Malaysia) and IKKE, Center of Refrigeration.
- General lectures in Optical Communications.
- Training courses in Optical Communications in Egypt, Port Sudan/Sudan, Banias/Syria.
- Invited speaker in some conferences in Malaysia, India and Greece.

He received his Ph.D. from Alexandria University in Engineering Physics “Optical Fiber Communications” in 1987. He is a full professor since 1997. He is author and co-author of more than 220 scientific published papers. He co-supervised more than 120 Ph.D. and M.Sc. students; all are rewarded their degrees.

He has shared in one TEMPUS project: (CERES) Clean Energy and Research in Environmental Studies. Project #517401-2011-ES

He is currently a professor of “Optical Communications” in Electronics and Communications Engineering Department (AASTMT).

### **Professional Activities**

1. Curriculum coordinator of all undergraduate studies in the department of Electronics and Communications.
2. Shared in the Examination Committee, managing and coordinating all examination affairs.
3. Participated in the curriculum equivalency committee and supervised the credits transfer process of other foreign academic institutions.
4. Participated in the process of the College Engineering and Technology undergraduate and graduate programs **accreditation by Egyptian Supreme Council of Universities SCU.**
5. Participated in the process of the College Engineering and Technology undergraduate and graduate programs **accreditation by National Authority for Quality Assurance and Accreditation Education NAQAAE.**
6. Participated in the process of the faculty of Engineering and Technology undergraduate program **accreditation for ISO.**
7. Participated in the process of the college of Engineering and Technology undergraduate program **accreditation for Professional British Institutes IET.**
8. Participated in the process of the college of Engineering and Technology undergraduate program **accreditation for American Accreditation Board for Engineering and Technology (ABET).**