

“CV”

General: *Hamdy Ahmed Abd El-Khalek Ashour*, Full professor in Arab Academy for Science & Technology, Department of Electrical and Control Engineer, since 2008, Vice Dean for Industrial Relations from 2010 till 2011, currently Head of Department of Electrical and Control Engineer.



Academic Degrees: B.Sc. Faculty of Engineering, Alexandria University, Department of Electrical Power Engineering, Egypt, 1992, - M.Sc. Alexandria University, Egypt, 1996, - Ph.D. Heriot-Watt University, Edinburgh, United Kingdom, 1999, - Associate Professor 2004, Full Professor 2008.

Main Areas of Interest: Electrical Machines, Power Electronics, Electric Drives, Electrical Vehicles, Renewable Energy and Systems Automation.

Teaching and Academic Experiences: Worked as a demonstrator (full time) from 1994 to 1996 in Arab Academy for Science & Technology, Egypt, - Worked as a lab-assistant (part time) from 1996 to 1999 in Heriot-watt University, United Kingdom, - Working as a lecturer (full time) since 1999 till now in Arab Academy for Science & Technology, Egypt. Has got certificates from SIEMENS to teach their different automation courses including, PLC, Simatic manager, SCADA using WinCC, Electric Drives and Process Instrumentation. Supervised many awarded and working BSc, MSc and PhD students. Has worked in a team group (of the Arab Academy for Science & Technology) through different process to award: - Egyptian ISO, English IET and American ABET accreditations and education certificates.

Teaching Courses: Undergraduate - Electrical Circuits - Automatic Control - Computer Control of Dynamic Systems -Industrial Automated Systems- Electrical Power and Machines - Electrical Machines – Special Electrical Machines- - Power Electronics and Electrical Drives, Postgraduate - Digital Circuit Design - Process Control- Instrumentations, Advanced Power Electronics and Advanced Electric Machine Drives, Industrial Training - Motor control center (MCC), Variable Speed Drives, -Programmable Logic Controllers (PLCs) - Supervisory Control and Data Acquisition (SCADA) - System Automation (SIEMENS automation courses).

Industrial Experiences: Has worked and cooperated with different specialist consultant offices within different industrial automation projects, , including programming logic controllers (PLCs), motor control center (MCC), industrial power electronics based application projects, retrofitting and development of old CNC machines and SCADA monitoring systems.

Publications: Has already published one book "**Automated Systems and Programmable Logic Controllers-ISBN: 978-977-90-0924-7, 2013 \ 17012**" and more than 35 papers in different international and local journals and conferences, and also has got excellent experiences by traveling abroad for conferences attendance and visiting the following countries: - England, Scotland, Germany, China, Singapore, Poland , Turkey, Spain and Malaysia.