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CURRICULUM VITAE



Prof. Dr. Ashraf Salah El-Din Zein El-Din was born in Shebin El-Kom, Minoufiya Governorate, Egypt in 1959. He received his B.Sc. Degree in Electrical Engineering from Faculty of Engineering, Minoufiya University in 1982 (Excellent with honors degree). He was awarded the M.Sc. degree from Faculty of Engineering, Minoufiya University in 1988 in Electrical Engineering. He was awarded the Ph.D. degree in Microprocessors Architecture and their applications in Power Electronics from ENSEM, INPL, Nancy, France, in 1993. He is now Professor of Power Electronics Engineering.

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- Joined the Department of Electrical Engineering, Faculty of Engineering, Minoufiya University, Egypt as a demonstrator and assistant lecturer in 1982 and 1988, respectively.
- From 1990 to 1993, was on a governmental mission at INPL, Nancy, France.
- Joined the Department of Electrical Engineering, Minoufiya University as a lecturer in 1994, and was promoted to the rank of associate professor in 2000 and to full professor in 2006 at the same Department.
- Was supervisor of Computer Lab. (1994-1999) and Microprocessors Lab. (1994 - up till now), PLC Lab. (1994 - up till now), in Electrical Engineering Dept., Faculty of Engineering, Minoufiya University.
- Was a member of Computer Committee, Minoufiya University from 1996-2004.
- Was supervisor of Computer Network Center in Faculty of Engineering, Minoufiya University from 1997-1999.
- Was supervisor of art activity in students' union in Faculty of Engineering, Minoufiya University from 1994-2008.
- Was coordinator of all students' activities tournaments in Faculty of Engineering, Minoufiya University from 1996 up till 2008.
- Was supervisor of Computer training Management, Information Center, Minoufiya University from 2002-2005.
- Scientific supervisor of Science Club in Minoufiya University from 1998-up till now.
- Member of a Committee of Conference of Egyptian Rural Development in Minoufiya University from 1999-up till now.
- Supervisor of Minoufiya University Public Service Center from 2006-up till 2011.
- Member of Higher Scientific Committee (Electrical Power and Machine Engineering) of Egyptian Universities for advancement of Associate Professors and Professors from 2008 up 2013.
- Dean of Canal Higher Institute of Engineering and Technology.
- Professor Ashraf ZEIN EL DIN published over 42 papers in different International Journals and Conferences in Greece, Italy, France, U.K., Germany, Switzerland and Egypt , has 27 years of teaching and consultant experience and He supervised a lot of M.Sc. and Ph.D. students at Minoufiya University and other Egyptian Universities. His interests are, Programmable Logic Controllers (PLCs) and their industrial applications, Industrial Electronics, Computer programming, Computer architecture, Computer networks, Computer Interfacing, Robotics, Microprocessors, and Electric drives.

Recently Published Papers

- [1] **ASHRAF S. ZEIN EL-DIN**, ZEYAD M. REZK and ADEL S. ABD EL-GHAFAR, "Comparison of different motor types and control methods for electric car application", AECV2003, France, 2-5 June 2003
- [2] A.E.EL-SABBE and **A.S.ZEIN EL DIN**, "Rotor Impedance Control of Three-Phase Induction Motor Using Mosfets", EPE2003, France, September 2-4, 2003
- [3] **A.S.ZEIN EL DIN** and A.E.EL-SABBE, "Closed Loop Control of three-phase Induction Motor fed by an Inverter with variable Controlled D-C Voltage", Engineering Research Journal (ERJ), Minoufiya University, Faculty of Engineering, Shebin El-Kom, Egypt, ISSN 1110-1180, Volume 28, Number 1, pp.27-38, January 2005
- [4] Adel A. abou El Ela, **A.S.ZEIN EL DIN**, and Sh.R.Spea, "Multi-Objective Genetic Algorithm for Optimal Line Switching Reconfiguration in Power System", The tenth International Middle East Power Systems Conference (MEPCON'2005), Port Said, Egypt, Volume 2, pp.711-723, December 13-15, 2005.
- [5] **A.S.ZEIN EL DIN**, " PLC-Based Speed Control of DC Motor", Engineering Research Journal (ERJ), Minoufiya University, Faculty of Engineering, Shebin El-Kom, Egypt, ISSN 1110-1180, Volume 29 , Number 1 , pp. 9-19, January 2006
- [6] **A.S.ZEIN EL DIN**, "Novel Techniques to Control of Cuk-Converter fed DC Motor", Minoufiya University, Faculty of Engineering, Shebin El-Kom, Egypt, ISSN 1110-1180, Volume 29 , Number 1 , pp. 33-45, January 2006
- [7] **A.S.ZEIN EL DIN**, "Modeling and Implementation of Robot Based Control by using Programmable Logic Controller", International Journal: World Scientific and Engineering Academy and Society (WSEAS) Transactions on POWER SYSTEMS, <http://www.wseas.org>, Issue 3, Volume 1, pp.651-660, March 2006
- [8] **A.S.ZEIN EL DIN**, "Closed Loop PLC Control of Electric Vehicle", 13th International Research/Expert Conference "Trends in the Development of Machinery and associated Technology", TMT2009, Hammamet, Tunisia, 16-21 October 2009 .
- [9] Arafa Sayed Mohamed Mansour, Mohamed S. Zaky, **Ashraf ZEIN EL DIN** and Hussain A.Yassain, "Control of a Movable Robot Using PLC", MEPCON'09, 13th International Middle East Power Systems Conference, Assiut, Egypt ,December 20-23, 2009.
- [10] Arafa S. Mohamed, Mohamed S. Zaky, **Ashraf ZEIN EL DIN** and Hussain A.Yassain, "Comparative Study of Sensorless Control Methods of PMSM Drives", Innovative Systems Design and Engineering, (WWW.iiste.org), ISSN 2222-1727, Vol.2, No.5, 2011.