

Dr. Rania Abdou Elmanfaloty*Assistant Professor, Computer and Electrical engineering Department, King Abdulaziz University***Education**

<i>Degree</i>	<i>Field of Study</i>	<i>Institution</i>	<i>Year</i>
PhD	Electrical Engineering	Alexandria University, Egypt	2013
MS	Electrical Engineering	Alexandria University, Egypt	2005
BS	Electrical Engineering	Alexandria University, Egypt	1999

Academic Experience

<i>From</i>	<i>To</i>	<i>Institution</i>	<i>Rank</i>	<i>Title</i>	<i>Full or Part Time</i>
2000	2001	Information Technology Institute	Demonstrator		Part Time
2001	2005	Alexandria Higher Institute of Engineering and Technology	Demonstrator		Full Time
2005	2013	Alexandria Higher Institute of Engineering and Technology	Teaching Assistant		Full Time
2013	Present (on leave)	Alexandria Higher Institute of Engineering and Technology	Assistant Professor		Full Time
9-2014	present	King Abdulaziz University	Assistant Professor		Full Time
2001	2003	IBM Egypt, Continuing Education and Training Center, AIET, Alexandria.	Instructor		Part Time
2007	2009	Continuing Education and Training Centre, AIET, Alexandria	Certified ICDL Instructor and tester		Part Time

Non Academic Industrial Experience *(including Consultations)***Funded Research Projects and Patents from the Past Five Years****Certifications and Professional Registrations**

- “Software Skills Development program” Information Technology Institute (ITI), Alexandria, Egypt
- CIW Exam# : 410
- ICDL
- Cisco: IT Essentials I
- Mentor Graphics VHDL

Current Membership in Professional Societies and Organizations

<i>Society/organization</i>	<i>Rank</i>	<i>Since</i>
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Honours and Awards

Institutional and Professional Services (*administration, committees, units, etc.*)**Principal Publications/Presentations from the Past Five Years**

- 1- R. A. Elmanfaloty, E. Abou-Bakr. "Random property enhancement of a 1D chaotic PRNG with finite precision implementation." *Chaos, Solitons & Fractals* f vol 118 (2019): pp. 134-144 (first online 19 November 2018)

Recent Professional Development Activities (*Workshops, training, etc.*)

- 1- Workshop, "IDEAL" , King Abdulaziz University, Jeddah, Saudi Arabia, September 2019
- 2- Workshop, "ABET Accreditation" , Faculty of Engineering, King Abdulaziz University, Jeddah, Saudi Arabia, October 2014
- 3- Workshop, "ABET-EAC Accreditation", Faculty of Engineering, King Abdulaziz University, Jeddah, Saudi Arabia, October 2014
- 4- Workshop, "Blackboard training", Faculty of Engineering, King Abdulaziz University, Jeddah, Saudi Arabia, December 2014
- 5- Workshop, "ABET Accreditation" , Faculty of Engineering, King Abdulaziz University, Jeddah, Saudi Arabia, November 2017
- 6- Workshop, "MCQ" , Faculty of Engineering, King Abdulaziz University, Jeddah, Saudi Arabia, October 2017