

## Reda Salama Mohamed Ghoname

*Assistant Professor, Department of Electrical and Computer Engineering, KingAbdulaziz University*

### Education

<i>Degree</i>	<i>Field of Study</i>	<i>Institution</i>	<i>Year</i>
Ph.D.	Electronics & Comm. Engineering	Ain Shams University, Egypt	2005
MS	Electronics & Comm. Engineering	Ain Shams University, Egypt	1999
BS	Electronics & Comm. Engineering	Zagazig University, Egypt	1988

### Academic Experience

<i>From To</i>	<i>Institution</i>	<i>Rank</i>	<i>Title</i>	<i>Full or Part Time</i>
20052014	Electronic Research Institute	Assistant Professor		Full Time
2014Present	King Abdulaziz University	Associate Professor		Full Time

### Non-Academic Experience (Including Consultations)

- 2009-2014 ,Trainer in Measurements ,Consultant in Egyptian Organization For Standardization &Quality
- 2005-2014 Constlant in industrial & military projects

### Certifications and Professional Registrations

#### Current Membership in Professional Societies and Organizations

- Certified Quality Manager for High Education Institutions from "American Institute of Professional Studies" with excellent grade, March 2014
- Member; EE Intelligence; serving and supplying the electronics marketplace around the world, since 2007
- Member ,Federation of Arab Engineers 2009.

### Institutional and Professional Services

- Academic Advisor, graduation projects in electronics and communication Deptin(Ain shams/AAST/BUE/Future/Thebas/El Shorouq//Mounofia/Shobura universities/Akhbar el yom/Miu/IED/Giza Ins./Madina Ins.)
- Supervising MSc and PhD, 8 MSC,and 2 Phd (Ain shams uni./Monofiauni./Shoubra Uni./AAST
- Head of labs committee in Electrical &Comp. department , Faculty of Engineering.,female section
- Supervising the summer training unit.
- Supervising in SDP 2015, 2016, 2017,2018 in electrical and computer engineering depart.
- Supervision of academic guidance,2016,2017,2018.
- Supervising the religious committee,2016,2017,2018,2019,2020.
- Supervising the Lab security and safety Committee,2018,2019,2020.

## Principal Publications/Presentations from the Past Five Years

- [1] MarwaMansour,R.S.Ghonaime, AbdelhalimZekry,"A passive front end of radio transceiver for LTE bands, International Journal of computer applications (0975-8887) volume 114-No.8, March 2015.
- [2] A.M.Fawzy, R.S. Ghonaime, AbdelhalimZekry,"Developing wideband spectrum sensor for cognitive radio",inInternational Journal of Engineering, Business and Enterprises Applications (IJEBA), ISSN (Print): 2279-0020, ISSN (Online): 2279-0039, Issue 11, December-2014 to February-2015.
- [3] Ahmed Sayed, R.S. Ghonaime, AbdelhalimZekry,"Design of a compact dual band microstrip antenna for KU -band applications ",Accepted for Publication" in International Journal of Computer Applications (IJCA) April 2015 Edition.
- [4] Ahmed Asaker, R.S. Ghonaime, AbdelhalimZekry,"Design of a Planar MIMO antenna for LTE-Advanced",in International Journal of Engineering & Technology.(IJET),2015.
- [5] MarwaMansour,R.S.Ghonaime, AbdelhalimZekry,"Building Radio Frequency transmitter for LTE user Equipment", Communication applied . Electronics (CAE)-ISSN:2394-4714, Foundation of computer science FCE, New York, USA, volume 2-No 4, July 2015.
- [6] ArwaAlTurkistani, Nada AlShareef, AbeerAlMutiri, MoroujAlAhdal &Dr. Reda Ghonaime,"Design and Implementation of Front End Passive Circuits Modules for Wireless Communication",PIERS 2016 in Shanghai (senior project –KAU, Femalsection , Faculty of engineering.
- [7] Hanan Ahmed- HebahAlnahdi- RoaaAlamoudi- Sara Alzahrani Project Supervisor Dr.RedagHonaime," wireless power transmission, accepted poster in SASG, Jeddah-Hilton Hotel, 06th- 08th Dec,2016.
- [8] Sara Fouada, Reda Ghonaime, AbdelmonemElmahdyc, AbdelhalimZekry".Developing UWB Pulse Generator with Output Split Inverters for Breast Imaging System,International Journal of Sciences: Basic and Applied Research (IJSBAR) ISSN 23074531 Volume 26, No 1, pp 85-97.23,2017.
- [9] Reda Ghonaime,"Developing UWB pulse generator with output split inverters for breast imaging system" LAMBERT academic publishing, ID (159709) and the book's ISBN (978-3-330-33445-8), Published book.
- [10] Reda Ghonaime, Hanan Ahmed,HebaAlnahdi,RoaaAlamodi, Sara A Izahrani,"Design and Implementation of Wireless Power Transmission System",Winning a silver medal in the exhibition of inventions in Germany IENA -2017.
- [11] Sara Fouada, Reda Ghonaime, AbdelmonemElmahdyc, AbdelhalimZekry,"Enhancing Tumor Detection in IR-UWB Breast Cancer System", Hindawi International Scholarly Research Notices Volume 2017, Article ID 4606580, 10 pages <https://doi.org/10.1155/2017/4606580>
- [12] Reda Ghonaime, Hanan Ahmed,HebaAlnahdi,RoaaAlamodi, Sara A Izahrani," Wireless Power Transmission System",Undergraduate Research Forum,Research initiatives center,2018.
- [13] Reda Ghonaime, Reem Nahhas,"Broadband Rectenna for Energy Harvesting Application",Undergraduate Research Forum,Research initiatives center,2018.
- [14] Reda Ghonaime, Hatoun Hany Bekdash,"Wireless Power Transmission for Pacemaker Implementation", Undergraduate Research Forum,Research initiatives center, 13-14 ,March 2018.
- [15] Reem Alamoudi, Dima Harori, NajlaAlofi, Reda Ghonaime "Energy harvesting based onshore lighting system", International Engineering Conference and Exhibition IECE in (Riyadh, Saudi Arabia) 2-5 March, 2020.