



Curriculum Vitae

Tamer Saleh El-Sayed Mostafa
 Assistant Professor
 Telecommunication Department
 Faculty of Engineering, Egyptian Russian University
 Badr City, Cairo-Suez Road, Postal Code 11829
 Tel.:(+2)022864-3340,2864-3342, Fax:(+2)022864-3332
 URL://eru.edu.eg



1. Personal Information

First Name/Sure Name: Tamer Saleh El-Sayed Mostafa
Date of Birth: 10th, March, 1979.
Address: El-Mataria, Cairo, Egypt.
Nationality: Egyptian.
E-mail: tamer-saleh@eru.edu.eg
Gender: Male.

2. Education

Title of Awarded Degree	Name of Organization Providing Education	Principle Subject	Dates
Ph. D.	Faculty of Electronic Engineering. Minufiya University.	“Performance Enhancement of Optical Logic Gates using 2D/3D Photonic Crystals Structures”	July 2019
Master	Faculty of Electronic Engineering. Minufiya University.	“Evaluation of Mixed Products of Nonlinear Circuits Excited by Composite signals”	December 2011
Bachelor	Faculty of Engineering. Helwan University.		May 2000

3. Professional Experience

Occupation	Name & Address of Employer	Dates	
		From	To
Lecturer	<i>Egyptian Russian University (ERU), Telecommunication Department, Badr city, Egypt.</i>	2019	Till now
Lecturer assistant	<i>Egyptian Russian University (ERU), Electronics and Communication Department, Badr city, Egypt.</i>	2014	2019
Lecturer	<i>King Khaled University (faculty of computer science- Computer Networks and Communication), Abha, Saudi Arabia.</i>	2012	2014
Lecturer assistant	<i>Egyptian Russian University (ERU), Electronics and Communication Department, Badr city, Egypt.</i>	2008	2011
Training Manager	<i>Future-it training center, Nasr City, Cairo, Egypt.</i>	2009	2011
Instructor	<i>Certified instructor for Youth Council Asir region, Abha, KSA.</i>	2011	2014
Demonstrator	<i>Egyptian Russian University (ERU), Electronics and Communication Department, Badr city, Egypt.</i>	2008	2011
Demonstrator	<i>Thebes academy, Electronics and Communication Department, Maadi, Cairo, Egypt.</i>	2004	2008
Demonstrator	<i>Faculty of engineering (Helwan university), Electronics and Communication Department, Helwan, Cairo, Egypt.</i>	2002	2004
IT Engineer	<i>Ministry of industry, Garden City, Cairo, Egypt.</i>	2001	2002
Instructor and one of the Research and Developer (R&D) team	<i>Jelecom-Egypt, Cairo, Egypt.</i>	2005	2012

4. Discipline

General Discipline	<i>Excellent</i>	Principle Subject	
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5. Professional & Technical Skills

- **Supervision of communications summer student training.**
- **Reviewer for International Journal of Electronics.**
- **Participation in the development & the preparation of the credit hours system.**
- **Conference organizer**
- **Participation in the quality & accreditation preparation.**
- **Participation in the preparation of the academic study Table.**
- **Supervising undergraduate projects.**
- **Head of many tender/technical committees.**
- **Preparing Engineering LABs Specification.**
- **Arrange for some Conferences and Camps.**
- **Scout Leader.**
- **Good Communication Skill and work in team**
- **E-learning Leader and trainer**
- **Manager of the (ERU) registration and administration unit.**
- **Member of lab and instrument committee.**
- **Member of Regulation committee.**
- **Robotics and microcontroller trainer and team leader.**
- **E-learning expert and trainer from March 2019.**
- **Huawei Academy manager (ERU- branch) from 2020.**

6. Courses of Interest

1	Electronics (1&2&3)
2	Electronic Circuits (1&2&3&4)
3	Electric Circuits (1&2)
4	Programs (matlab & simulink & ocrad (7&9&10) & Ewb (8&10) & microsim & plc simulation)
5	Communication Principles
6	Communication Theory
7	Digital Communication
8	Transmission Media
9	Digital Transmission Telecommunication Systems
10	Telephone Engineer
11	Optical fiber communication
12	Information Theory and Coding
13	Microcontrollers (Atmel-Pic-Avr-Atmelmega)
14	Computer networks

7. Personal Skills

Computer Skills	SelfAssessment		
	Excellent		
MicrosoftOffice	Excellent		
Language Skills			
Arabic	Excellent		
English	Very good		

8. Scientific Activities

a. Publication:

- [1] Tamer S. El-Sayed, and El-Sayed M. El-Rabaie, "Comparative Study of Time Domain, Harmonic Balance and Volterra Series Methods for Nonlinear Circuit Simulation," *Minoufiya Journal of Electronic Engineering Research, (MJEER), June 2011.*
- [2] Tamer S. El-Sayed, and El-Sayed M. El-Rabaie, "Extraction Coefficients of Nonlinear Systems Excited by Composite Signals," *1st International Conference on Electrical and Computer Systems Engineering (ESM7), (ECSE'10), October University for Modern Sciences and Arts, MSA, Egypt, November 2010.*
- [3] Tamer S. El-Sayed, and El-Sayed M. El-Rabaie, "Harmonic Distortion Analysis for Nonlinear Circuits by Using Volterra Series and Spice Software," *2nd International*

Conference on Signal Processing Systems (pp. 154-162, Vol. 5), (ICSPS'10), Dalian, China, 2010.

- [4] Tamer S. El-Sayed, and El-Sayed M. El-Rabaie, " A Graphical Approach for Evaluation of the Output Response of Severe Nonlinear Systems Excited by Composite Signals," *Al-Azhar University Engineering Journal (pp. 263-267, Vol. 3), (JAUES'10), 2010.*
- [5] T. Mostafa, N. Mohammed and E. El-Rabaie, "Ultracompact Ultrafast-Switching-Speed All-Optical 4×2 Encoder Based on Photonic Crystal", *Journal of Computational Electronics*, vol. 18, no. 1, pp. 279-292, 2018. (*Journal of Computational Electronics- Springer*) (IF=1.431).
- [6] T. Mostafa, N. Mohammed and E. El-Rabaie, "Ultra-High Bit Rate All-Optical AND/OR Logic Gates Based on Photonic Crystal with Multi-Wavelength Simultaneous Operation", *Journal of Modern Optics*, vol. 66, no. 9, pp. 1005-1016, 2019. (*Journal of Modern Optics- Taylor and Francis*) (IF=1.267).
- [7] T. Mostafa; E. El- Rabaie, "Literature Review on All-Optical Photonic Crystal Encoders and Some Novel Trends", *Menoufia Journal of Electronic Engineering Research (MJEER)*, vol. 28, no. 2, July 2019.
- [8] Tamer S. Mostafa; Nazmi A. Mohammed; El- Sayed M. El- Rabaie, "Ultra-High Bit Rate All-Optical Half Subtractor Based on Photonic Crystal", in *Proceedings of the 2019 36th National Radio Science Conference, NRSC 2019*, 2019, pp. 341–349. (H-index=12, this paper won the best paper award in this conference).

9. Trainings & Workshops

Title of Training or Workshop	Name of Organization Providing Training	Date	Notes
ICDL Certified		2008	
CCNA		2006	
Lucent Certified		2005	

10. Membership of Professional Associations

Egyptian Engineering Syndicate member from 2000 till now.

11. Social Activities

Leader in Bel3araby Insan Charity.

12. Membership of Professional Associations

1. Participate in EED-Egyptian Engineering Day 2005 “Metal Detection for measuring Petrol Quality”.
2. Attendance in “The 28th annual Conference of Arab ACRAO-Arab Association of Collegiate for Registrars and Admissions Officers” AUC, Cairo, Egypt. April 2008.
3. Attendance in “The 1st Saudi Arabia Scientific Publishing Conference” King Khalid University, Abha, KSA. February 2014.

13. Awards

Best paper awarded in URSI conference 2019.

I certify that the information provided in this curriculum vitae is accurate.

Name	Tamer Saleh El-Sayed Mostafa	Signature		Date	01/02/2021
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