




Personal Information

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Academic Degrees

Educational Qualification/Certificate	
B.Sc	Degree: Electronics & microelectronics engineering Institution: Moscow Power Engineering Institute (Technical University) Country: Russia Date: 1995/1999 Grade: Very Good Title (if applicable) : <u>Differential pulse to code modulator and demodulator</u>
M.Sc	Degree: Electrical And Computer engineering Institution: Kazan State Technological University. Country: Russia Date: 1999-2000 Specialty: The atomized data processing & monitoring systems. Title (if applicable) " <u>Development of the digital system of transmission of continuous messages</u> ".
PhD	Degree: Electrical and control Engineering Institution: Kazan State Technological University. Country: Russia Date: 2000-200

- -Assit. Prof. on 2006
- Associate Professor on 2014
- -Full Professor on: wetting



Positions

Associate Professor Communication & Electronics Department, Faculty of Engineering, Jerash University, Jordan, 6- College of Eng. Dean Assist, For scientific affairs and postgraduate studies on 9-11-2010.

ADMEN EXPERIENCES

- Head of Computer Science Department Jerash University 2008
- Head of Department of communication and electronics. Faculty of Engineering 2011- present
- Director of quality and accreditation in Engineering College 2011- 2014

-Articles

- 1- **Al Smadi, Takialddin A.**, and Mohammed Maitah. "An efficiency and algorithm detection for stenography in digital symbols." *International Journal of Computer Network and Information Security* 6.1 (2013): 34.
- 2- **Al Smadi, Takialddin A.** "Computer application using low cost smart sensor." *International Journal of Computer Aided Engineering and Technology* 4.6 (2012): 567-579.
- 3- **Al Smadi Takialddin, Kalid Al Smadi** ,optimization of multiprocessors memory system performance instruction level parallelism,European Journal of Engineering and Technology ,Vol. 5 No. 1, 2017
- 4- **Al Smadi, Takialddin.** "An Improved Real-Time Speech Signal In Case Of Isolated Word Recognition."
- 5- Al-Maitah, Mohammed, **Takialddin A. Al Smadi**, and Hani Qasem Rashrash Al-Zoubi. "Scalable User Interface." *Research Journal of Applied Sciences, Engineering and Technology* 7.16 (2014): 3273-3279.
- 6- **Al Smadi, Takialddin A.** "Design and implementation of double base integer encoder of term metrical to direct binary." *Journal of Signal and Information Processing* 4.04 (2013): 370.
- 7- **Al Smadi Takialddin**, et al. "Artificial intelligence for speech recognition based on neural networks." *J. Signal Inform. Process* 6 (2015): 66-72.
- 8- **Al Smadi Takialddin.** "Real-time lane detection for driver assistance system." *Circuits and Systems* 5.08 (2014): 201.
- 9- Momani, Mohammad Awad, **Al Smadi T.A** al. "GPS ionospheric total electron content and scintillation measurements during the October 2003 magnetic storm." *American Journal of Engineering and Applied Sciences* 4.2 (2011).
- 10- **Al Smadi, Takialddin A.** "Computer application using low cost smart sensor." *International Journal of Computer Aided Engineering and Technology* 4.6 (2012): 567-579.



- 11- **Al-smadi Takialddin**. "Learning to Computer Architecture Courses Using Verilog Hardware Description Language (VHDL)." *Egyptian Computer Science Journal* 31.3 (2009).
- 12- **Al Smadi Takialddin**, Farouq M. Al Taweel, and Al-Khawaldeh Igried. "Estimation and Design Techniques for Adaptive Delta Modulation Using Otas."
- 13- **Al Smadi Takialddin**, Igried Al-Khawaldeh, and Kalid Al Smadi. "Three-Dimensional Scenes Restore Using Digital Image." *Journal of Signal and Information Processing* 8.01 (2017): 1.
- 14- Al-Wahshat, Hassan, and **Takialddin A. Al Smadi**. "Design & Implementation Networks operation for ATM Technology-Based high Performance Computing." *Egyptian Computer Science Journal* 35.1 (2011).
- 15- **Al Smadi Takialddin**. "Pedestrian Crossings Detection by using Driving Assistance Systems." *Journal of Communications Technology, Electronics and Computer Science* 9 (2017): 17-21.
- 16- Al-Maitah, Mohammed, **Takialddin A. Al Smadi**, and Hani Qasem Rashrash Al-Zoubi. "Scalable User Interface." *Research Journal of Applied Sciences, Engineering and Technology* 7.16 (2014): 3273-3279.
- 17- **Al Smadi Takialddin**, Kalid Al Smadi and Orayb O. AL-Smadi, **High-Speed for Data Transmission in GSM Networks Based on Cognitive Radio**, *American Journal of Engineering and Applied Sciences*, Volume 10, Issue 1, Pages 69-77
- 18- Khalid A.Smadi, **Takialddin Al Smadi**, Automatic System Recognition of License Plates using Neural Networks, *International Journal of Engineering and Manufacturing(IJEM)* IJEM Vol. 7, No. 4, July 2017.
- 19- **Osman Al-Agha Takialddin AL Smadi** , kalid Al Smadi, OVERVIEW OF MODEL FREE ADAPTIVE (MFA) CONTROL TECHNOLOGY, May 2017, JIEEEEC 2017
- 20- **Takialddin Al Smadi**, fawzy M Al Zureiqat, High-Speed Small-Purpose Parallel Hybrid Architecture of Summator for Calculation Back 3x in Eighth Coding, *Eastern European Scientific Journal*, **Vol.5, No.3, 19-31 2017**
- 21- **Prof. Al-Khawaldeh Igried & Dr. Al Smadi Takialddin, Risk and Vulnerability Analyses for the protection of Information for Future communication security Based Neural Networks**, *International Journal of Modern Sciences and Engineering Technology* , Vol. 2, Issue 12, pp.54-61
- 22- **Al Smadi, T.A.**, 2010. Design 3-D Ultrasonic Spatial Mouse Using Microprocessor System. *J. Inform. Optim. Sci.*, 31: 955-971.
- 23- **Al Smadi, T.A.**, 2011. Low cost smart sensor design. *Am. J. Eng. Applied Sci.*, 4: 162-168.
- 23- Ghaidan, K.A., T.A. Al Smadi, S.D. Al-Sudani, 2011. Web interface evaluation design and applications. *J. Eng. Applied Sci.*, 6: 157-162.
- 24- Yahya S. H. Khraisat¹, Huthaifa A. Al-Issa², **Al Smadi Takialddin**³ and Taqwa Al-Khasawneh, Design Tunable Filter-Antennas for Cognitive Radio Applications, *Contemporary Engineering Sciences*. Vol. 10, , No. 5, 233 - 242
- 25- **Khaldoon A. Ghaidan, Takialddin A. Al Smadi**, Tariq A.K.Aljumailly, Farouk M Al-Taweel, Development of a new approach for transmitting Digital message on a Frequency Limited Communication Channel transmission, *Journal of advanced science and Technology research (JACSTR)* [Vol 1, No 1 2011](#)
- 26- Ali, Haider, **Al Smadi T.A** et al. "Implementation & Comparative Analysis of 10, 18 & 24 Level Diode Clamped Inverters Using "Trust Region Dog Leg" Method." *Circuits and Systems* 6.03 (2015): 70.
- 27- **Al-Smadi Takialddin**, and Yasir K. Ibrahim. "Design of Speed Independent Ripple Carry Adder." *Journal of Applied Sciences* 7.6 (2007): 848-854.



Membership(National and International Journals)

Organizing Committee **Member** of The IEEE Conferences

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Editorial Board Members, Computers and Electrical Engineering (**elsevier**)

Editorial Board Members, Design for Scientific Renaissance, JASER and JACSTR Journal

Editorial Board Members, Computer and Information Science Journal

Editorial Board Members , Journal of American Journal of Engineering and Applied Sciences and (AJEAS) and American Journal of Applied Sciences (AJAS) (Since publication)

Reviewer, British Journal of Applied Science & Technology (BJAST) (ISSN: 2231-0843)

Reviewer , Journal of Circuits and Systems (CS) Scientific Research

Reviewer American Journal of Science, Engineering and Technology (ajset)

Reviewer, Journal of Applied Sciences, JAS-ANSI, Science Alert

Reviewer , Journal of Signal and Information Processing (JSIP) Scientific Research

Reviewer, Mishawaka for Researches and Studies, Conference Reviewer,



Conferences

Participants beyond internal and external Conferences

Organizing Committee Member of The IEEE Conferences –Jordan 2015- present



Workshops

Chairman and Organizing Committee Member Workshops