




## Curriculum –Vitae of Dr. Al Smadi Taki alddin

### Personal Information

	Birthday : 31st may 1975
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 <p>لجاجة المهندسين الأردنيين Jordan Engineers Association</p>	Professional Engineer, (JEA) Jordan Engineering Association No :19329/04
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## Academic Degrees

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

- Assi . Prof. on 2006
- Associate Professor on 2014
- Full Professor on: 2018



## 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 -Now
- 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.



"GPS ionospheric total electron content October 2003 magnetic and Applied Sciences 4.2 (2011).

9- Momani, Mohammad Awad, **Al Smadi T.A** al. and scintillation measurements during the storm." *American Journal of Engineering*

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. Khraisat<sup>1</sup>, Huthaifa A. Al-Issa<sup>2</sup>, **Al Smadi Takialddin**<sup>3</sup> 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.

"Design of Speed Independent Ripple  
(2007): 848-854.



27- **Al-Smadi Takialddin**, and Yasir K. Ibrahim.  
Carry Adder." *Journal of Applied Sciences* 7.6



#### Membership(National and International Journals)

Organizing Committee **Member** of The IEEE Conferences

Editor-in-Chief

(JASET) J. Adv. Sci. Eng. Technol.

<http://www.isnra.com/ojs>

**Editorial Board** Members, International Journal of Automation and Computing (IJAC), **Springer**

**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