








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

### Personal Information

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	Professional Engineer, (JEA) Jordan Engineering Association No :19329/04



### Academic Degrees

<i>Educational Qualification/Certificate</i>	
<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>Differential pulse to code modulator and demodulator</b>
<b>M.Sc</b>	Degree: Electrical & 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

- Ø Head of Computer Science Department Jerash University 2008 -Now
- Ø Head of Department of communication and electronics. Faculty of Engineering 2011-2018
- Ø Director of quality and accreditation in Engineering College 2011- 2014

### *Published books:*

- [Brig's Handbook of Methods & Research in Artificial Intelligence, Protocols and Legislations \(2 Volumes\)](#)por et al. Contributors: Xiao Guo, Takialddin Al Smadi | 1 enero 2021

Brigs Academics Limited; 1st edition,ISBN: 1788358090

[Brigs Academics Limited; 1st edition \(January 1, 2021\)](#)

- Encyclopaedia of Artificial Intelligence and Robotics (4 Volumes) Tapa dura – 1 Enero 2021

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Academics Limited; 1st edition (January 1, 2021)ISBN: 1788358082

[Brigs Academics Limited; 1st edition \(January 1, 2021\)](#)

## Membership(National and International Journals)

Organizing Committee **Member** of The IEEE Conferences

Editor-in-Chief

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

<http://jaset.isnra.org/>

Editor-in-Chief

International journal of Electrical and Electronics Research (IJEER)

<https://ijeer.forexjournal.co.in>

**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

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(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

### *-Articles*

#### **Journal Publications**

- Handam, A. **Al smadi T.** (2022). Multivariate analysis efficiency of energy complexes based on renewable energy sources in the system power supply of autonomous consume. International Journal of Advanced and Applied Sciences, 9(6) ....
- Viacheslav Kovtun, A. **Al smadi T. et.al** (2022) Modelling of a Wireless Person-System Transaction Session with Information System Adapted for E-Commerce. journal Computer Communications, elsevier , **Accepted Paper**
- Handam, A. Al smadi T. (2022). Artificial neural networks for voice activity detection Technology. Journal of Advanced Sciences and Engineering Technologies, 5(1), 23-31.
- Igried Alkhalwaldeh, **Al Smadi T.** (2022), Micro-Strip Antenna Array for Telecommunication Systems, European Journal of Applied Sciences – Vol. 10, No. 2 Publication Date: April 25, 2022, DOI:10.14738/aivp.102.1190.
- **Prof-Takialddin al Smadi**, Mohammed Al-Maitah: ARTIFICIAL INTELLIGENT TECHNOLOGY FOR SAFE DRIVER ASSISTANCE SYSTEM. International Journal of Computer Aided Engineering and Technology 02/2019;, DOI:10.1504/IJCAET.2020.10014759
- **Prof-Takialddin al Smadi**, Kalid Al Smadi: Overview of Model Free Adaptive (MFA) Control Technology. International Journal of Artificial Intelligence 12/2018; 7(4):165-69., DOI:10.11591/ij-ai.v7.i4.pp%25p
- Hussein Al-Ofeishat, Esam Trad, Prof-Takialddin al Smadi: Proactive algorithm dynamic mobile structure of Routing protocols of ad hoc networks.



- Takiialddin Al Smadi: Modern Technology for Image processing and Computer vision -A Review. 05/2018; 1(2):17-23., DOI:10.32441/jaset.v1i2.178
- Takiialddin Al Smadi, Ayman Al Sawalha: Engineering Technologies Microstrip Patch Antenna Radiation Variation of Quality Factors and Bandwidth of a Conically Depressed. International Journal of Earth Sciences and Engineering 04/2018; 1(1)., DOI:10.32441/jaset.v1i1.53
- Prof-Takiialddin al Smadi: Automatic detection technique for voice quality inter-disciplinary methodologies. 04/2018; 1(1):1-6., DOI:10.32441/jaset.v1i1.54
- Kalid Al Smadi, Takiialddin Al Smadi: Automatic System Recognition of License Plates using Neural Networks. International Journal of Engineering and Manufacturing 07/2017; 7(4):26-35., DOI:10.5815/ijem.2017.04.03
- Takiialddin AL Smadi: High-Speed Small-Purpose Parallel Hybrid Architecture of Summator for Calculation Back 3x in Eighth Coding. Eastern European Economics 07/2017; 3:19-31., DOI:10.12851/EESJ201703
- Takiialddin AL Smadi, Khalid A. Al Smadi, Orayb O. Al-Smadi: Optimization of multiprocessors memory system performance instruction level parallelism.
- Takiialddin AL Smadi: Pedestrian Crossings Detection by using Driving Assistance Systems. 01/2017; 9(2016):17-21., DOI:10.22385/jctecs.v9i0.127
- Al Smadi Takiialddin, Kalid Al Smadi, Orayb O Al-Smadi: High-Speed for Data Transmission in GSM Networks Based on Cognitive Radio. 01/2017; 10(1):69.77., DOI:10.3844/ajeassp.2017.69.77
- Yahya S. H. Khraisat, Huthaifa A. Al-Issa, Al Smadi Takiialddin, Taqwa Al-Khasawneh: Design tunable filter-antennas for cognitive radio applications. Contemporary Engineering Sciences 01/2017; 10:233-242., DOI:10.12988/ces.2017.69151



- Takiialddin Al Smadi, Igried Al-Khawaldeh, Kalid Al Smadi: Three-Dimensional Scenes Restore Using Digital Image. Journal of Signal and Information Processing 01/2017; 8(01):1-8., DOI:10.4236/jsip.2017.81001
- Takiialddin AL Smadi, Farouq M. Al Taweel, Al-Khawaldeh Igried: Estimation and Design Techniques for Adaptive Delta Modulation Using Otas. DOI:10.11648/j.ajset.20160102.15
- Takiialddin AL Smadi, Al-Khawaldeh Igried: Risk and Vulnerability Analyses for the protection of Information for Future communication security Based Neural Networks.
  
- Takiialddin Al Smadi, Huthaifa A. Al Issa, Esam Trad, Khalid A. Al Smadi: Artificial Intelligence for Speech Recognition Based on Neural Networks. Journal of Signal and Information Processing 01/2015; 06(02):66-72., DOI:10.4236/jsip.2015.62006
- Ali, H., Qawaqzeh, M. Z., Abbas, M., & Al Smadi, T. (2015). Implementation & Comparative Analysis of 10, 18 & 24 Level Diode Clamped Inverters Using "Trust Region Dog Leg" Method. Circuits and Systems, 6(03), 70., DOI:10.4236/cs.2015.63008
- Mohammed Al-Maitah, Takiialddin A. Al Smadi, Hani Qasem Rashrash Al-Zoubi: Scalable user Interface. Research Journal of Applied Sciences, Engineering and Technology 04/2014; 7(16):3273-3279., DOI:10.19026/rjaset.7.671
- Takiialddin Al Smadi: Real-Time Lane Detection for Driver Assistance System. Circuits and Systems 01/2014; 05(08):201-207., DOI:10.4236/cs.2014.58022
- Takiialddin A. Al Smadi, Mohammed Maitah: An Efficiency and Algorithm Detection for Stenography in Digital Symbols. 11/2013; 6(1):34-38., DOI:10.5815/ijcnis.2014.01.05
- Takiialddin A. Al Smadi: Design and Implementation of Double Base Integer Encoder of Term Metrical to Direct Binary. Journal of Signal and Information Processing 01/2013; 04(04):370-374., DOI:10.4236/jsip.2013.44047
- Takiialddin A. Al Smadi: Computer application using low cost smart sensor. International Journal of Computer Aided Engineering and Technology 01/2012; 4(6):567 - 579., DOI:10.1504/IJCAET.2012.049572

- T.A. Al-Smadi, H. Al-Wahshat: System identification of the logical object and logical acupuncture.
- Mohammad Awad Momani, Takialddin A Al Smadi, Farouq M Al Taweel, Khaldoon A Ghaidan: GPS Ionospheric Total Electron Content and Scintillation Measurements during the October 2003 Magnetic Storm. 02/2011; 4(2):301-306., DOI:10.3844/ajeassp.2011.301.306
- Takialddin Al-Smadi, Farouk M. Altaweel, H.A. Al Wahshat: Design and Applications of Microprocessor Based Digital Filter. Journal of Engineering and Applied Sciences 02/2011; 6(2):168-173., DOI:10.3923/jeasci.2011.168.173
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- Takialddin AL Smadi, H Al-Wahshat: Design & Implementation Networks operation for ATM Technology-Based high Performance Computing..
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- Takialddin Al Smadi: Design 3-D ultrasonic spatial mouse using microprocessor system. 09/2010; 31(5):955-971., DOI:10.1080/02522667.2010.10700005
- Takialddin A. Al-Smadi, Yasir K. Ibrahim: Design of Speed Independent Ripple Carry Adder. Journal of Applied Sciences 06/2007; 7(6), DOI:10.3923/jas.2007.848.854
- 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.
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- Al-smadi Takialddin. "Learning to Computer Architecture Courses Using Verilog Hardware Description Language (VHDL)." Egyptian Computer Science Journal31.3 (2009).
- 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



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*Regards prof. Takiialddin*

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