












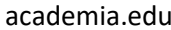








Curriculum –Vitae of Prof. Al Smadi Takialddin

Personal Information

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



Academic Degrees

<i>Educational Qualification/Certificate</i>	
B.Sc	Degree: Electronics & microelectronics engineering Institution: Moscow Power Engineering Institute (Technical University) Country: Russia Date: 1995/1999 Grade: Very Good Title (if applicable): <i>Differential pulse to code modulator and demodulator</i>
M.Sc	Degree: Electrical & Computer engineering Institution: Kazan State Technological University. Country: Russia Date: 1999-2000 Specialty: The Automation system data processing & monitoring systems. Title (if applicable) " <i>Development of the digital system of transmission of continuous messages</i> ".
PhD	Degree: Electrical and control Engineering Institution: Kazan State Technological University. Country: Russia Date: 2000-2005



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



Positions

Full Professor Communication & Electronics Department, Faculty of Engineering, Jerash University, Jordan,
Dean Assist, for scientific affairs and postgraduate studies on 9-11-2010.

ADMEN EXPERIENCES

- Ø Head of Computer Science Department Jerash University
2007-2008
- Ø Head of Department of communication and electronics.
Faculty of Engineering 2011-2018
- Ø Director of quality and accreditation in Engineering
College 2011- 2014
- Ø [Master of Engineering Management department 2023-
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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) **Scopus**

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

Editorial Board: Tikrit Journal of Engineering Sciences, (Tikrit j. Eng. sci.) (TJES) **Scopus**

<https://tj-es.com/>

Editorial Board: Anbar Journal of Engineering Sciences

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

Published books:

- M. N. Mohanty, S. Satrusallya, and T. Al Smadi, “Antenna selection criteria and parameters for IoT application,” *Printed Antennas*, pp. 283–295, Oct. 2022, doi: 10.1201/9781003347057-18.
- [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
de [et al. Contributors: Xiao Guo, Takialddin Al Smadi, A. Gasparetto, Jim Torresen](#) rigs Academics Limited; 1st edition (January 1, 2021)ISBN: 1788358082
[Brigs Academics Limited; 1st edition \(January 1, 2021\)](#)
- Praveen Kumar Malik, Arshi Naim, Ramendra Singh, al smadi Takialddin,Printed Antennas: Design and Challenges, 2022/12/15,Publisher,CRC Press,
https://scholar.google.com/citations?view_op=view_citation&hl=en&user=IgiT1QM AAAAJ&sortby=pubdate&citation_for_view=IgiT1QM AAAAJ:F9fv5C73w3QC

-Articles

Journal Publications

A. T. Mahmood, K. S. Gaeid, and **T. A. Al Smadi**, "Direct Torque Control Space Vector Modulation for Induction Motor Driven by Matrix Converter," *Tikrit Journal of Engineering Sciences*, vol. 31, no. 4, pp. 58–69, Oct. 2024, doi: [10.25130/tjes.31.4.6](https://doi.org/10.25130/tjes.31.4.6).

A. K. Abbas, R. A. Asal, G. A. Aboud, Y. A. Mashhadany, and **T. A. Smadi**, "Optimal Control Strategy for Power Management Control of an Independent Photovoltaic, Wind Turbine, Battery System with Diesel Generator," *International Journal of Electrical and Electronics Research*, vol. 12, no. 3, pp. 1101–1108, Sep. 2024, doi: [10.37391/ijeer.120346](https://doi.org/10.37391/ijeer.120346).

Y. Al Mashhadany, **T. Al Smadi**, A. K. Abbas, S. Algburi, and B. A. Taha, "Optimal controller design for high performance of solar energy for grid-connected systems," *Wireless Power Transfer*, vol. 11, no. 1, pp. 0–0, 2024, doi: [10.48130/wpt-0024-0005](https://doi.org/10.48130/wpt-0024-0005).

O. Khaldoun A., Y. kamil N., A. A. Abbas, and **T. Al Smadi**, "A Novel Flying Robot Swarm Formation Technique Based on Adaptive Wireless Communication using MUSIC Algorithm," *International Journal of Electrical and Electronics Research*, vol. 12, no. 2, pp. 688–695, Jun. 2024, doi: [10.37391/ijeer.120247](https://doi.org/10.37391/ijeer.120247).

Takialddin, al smadi, et al. Energy-Efficient Storage System Optimization and Recent Trends in Enhancing Energy Management and Access Microgrid: A Review. 2024. Crossref, <https://doi.org/10.2139/ssrn.4831255>.

Y. M. Al-Sharo, K. Al Smadi, **T. Al Smadi**, and Y. K. N., "Optimization of Stable Energy PV Systems Using the Internet of Things (IoT)," *Tikrit Journal of Engineering Sciences*, vol. 31, no. 1, pp. 127–137, Feb. 2024, doi: [10.25130/tjes.31.1.11](https://doi.org/10.25130/tjes.31.1.11).

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- 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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International journal of Electrical and Electronics Research (IJEER)

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