CURRICULUM VITAE

PERSONAL INFORMATION

Name	**Khaled M. Alawasa**
Nationality	Jordanian
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EDUCATION

1996-2000	B.Sc. in Electrical Engineering (Power and Control Engineering- (with Dist.). Electrical Engineering Department, Mutah University, Jordan.
2007-2008	M.Sc. in Electrical Power Engineering with Business (with Dist.). Department of Computer and Electrical Engineering and Electronics University of Strathclyde, Glasgow, UK.
2009-2013	Phd. in Electrical Engineering (Power Systems and Power Electronic). Department of Computer and Electrical Engineering, University of Alberta, Edmonton, AB, Canada.

ACADEMIC EXPERIENCE

2019-Now	Associate Professor @ Electrical Engineering Dept, Mutah University, Jordan.
2014-2019	Assistant Professor @ Electrical Engineering Dept, Mutah University, Jordan.

NONE-ACADEMIC EXPERIENCE

2001-2007	Electrical Protection Engineer, National Electric Power Company (NEPCO) – Jordan.
Apr/2013-Jan/2014	Power System(Technical Field) Specialist, Magna IV Engineering Edmonton, Canada.

MEMBERSHIPS

2000-Now	Jordan Engneering Association.
2009-Now	IEEE Membership
2009-Now	Member with Power Energy Association (PES).

HONORS & AWARDS

Feb, 2019	One Semester Research Visit Grant supported by Mutah University to the Sultan Qaboos University, Oman.
May, 2011	Best PhD students Poster. Recipient of Alberta Graduate conference prize ($500).

Feb, 2007	PhD Scholarship sposored by Mutah University. Jordan.
Dec , 2009	MSc Scholarship sposored by Mutah University. Jordan.
July, 2008	Top MSc Graduate Student in department of Computer and Electrical Engineering and Electronics University of Strathclyde, Glasgow, UK.
1996-2000	Top BSc Student in the Electrical Engineering Department, Mutah University.

SERVICE ACTIVITIES

2019-2020	A Head of Electrical Engineering Department, Mutah University.
2015-2017	Assistant Director, Prince Faisal Center For Dead Sea, Environmental Environmental and Energy Research (PFC-DEER), Mutah University.

IMPORTANT PUBLICATIONS

- Khaled Alawasa , Y.A.-R.I. Mohamed, and W. Xu, “Modeling, Analysis, and Suppression of the Impact of Full- Scale Wind-Power Converters on Subsynchronous Damping," IEEE Systems Journal, vol.7, no.4, pp.700-712, Dec. 2013.
- Khaled Alawasa, Y.A.-R.I. Mohamed, and W. Xu,, “Active Mitigation of Subsynchronous Interactions between PWM Voltage-Source Converters and Power Networks," IEEE Transactions on Power Electronics, vol.29, no.1, pp.121-134, Jan. 2014.
- Khaled Alawasa, Y.A.-R.I. Mohamed, "Impedance and Damping Characteristics of Grid-Connected VSCs With Power Synchronization Control Strategy," IEEE Transactions on Power Systems, , vol.30, no.2, pp.952-961, March 2015
- Khaled Alawasa, Y.A.-R.I. Mohamed, "A Simple Approach to Damp SSR in Series-Compensated Systems via Reshaping the Output Admittance of a Nearby VSC-Based System," IEEE Transactions on Industrial Electronics, , vol.62, no.5, pp.2673-2682, May 2015
- Khaled Alawasa, "Modeling, Analysis and Simulation of Voltage Sourced Converters Base High Voltage DC Transmission System (VSC-HVDC)", JJEE vol. 2, no. 3, pp. 199-213, May 2016.
- Yazeed Al Sbou, Khaled Alawasa “Nonlinear Autoregressive Recurrent Neural Network Model For Solar Radiation Prediction”, International Journal of Applied Engineering Research (IJAER), in press August 2017.
- Ahmad Aljaafreh, Khaled Alawasa, SaqerAlja’afreh and Ahmad Abadleh, "Fuzzy Inference System for Speed Bumps Detection Using Smart Phone Accelerometer Sensor", Journal of Telecommunication, Electronic and Computer Engineering. Volume No. 9, No 2-7 page 133-136.
- Khaled Alawasa, Amneh A. Al-Mbaideen, " Power Quality Assessment and Analysis for Low Voltage Distribution Networks”, JJEE 46-18 Vol. 4, No. 3, Pages 165-175 November 2018.

- Ahmad Alabadleh, Saqer Aljaafreh, Ahmad Aljaafreh & Khaled Alawasa," A RSS-based localization method using HMM-based error correction", Journal of Location Based Services
- Volume 12, 2018 - Issue 3-4,Pages 273-285 Pages 273-285, Taylor & Francis, ISSN : 1748-9725 United Kingdom.
- Khaled Alawasa, Harmonics Interactions within Modern Various Residential Electrical Loads, International Journal of Engineering and Technology(UAE);1414-1411)8141( )1(1
- Khaled M. Alawasa, Abdullah I. Al-Odienat, "Power Quality Investigation of Single Phase Grid-Connected
- Inverter of Photovoltaic System" Journal of Engineering and Technological Science, Vol. 51, No 5 (2019)