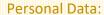




Dr. Mounir Bouzguenda

Associate Professor



Nationality | Tunisia
Date of Hire | 2012
Date Rank Obtained | March 2009
Department | Electrical Engineering
Email | mbuzganda@kfu.edu.sa
Office No | 2112
Office Phone No | 9064



Education:

Academic Degree	Major	specialty	Place of Issue	Address	Date
Doctorate (PhD)	Electrical Engineering	Power Systems	Virginia Tech	Blacksburg, Virginia	September 1992
Masters (M.Sc.)	Electrical Engineering	Power Systems	Virginia Tech	Blacksburg, Virginia	January 1988
Bachelor (B.Sc.)	Electrical Engineering	-	Pennsylvania State University	State College, Pennsylvania	May 1985

PhD, Master or Fellowship Research Title: (Academic Honors or Distinctions):

PhD	A methodology to study the interactions of renewable energy systems dynamics with fluctuating loads
Master	A Study of the Combined Cycle Power Plants as Generation Expansion Alternatives

Experiences:

Title of Job	of Job Address of Work		Date	
Associate Professor	King Faisal University - College of Engineering	KSA	From	2012
			То	Present
Electrical Engineering	Win 5: 1: 111: 1: 1: 0: 11: 1: 1 (5: 1: 1: 1: 1: 1: 1: 1: 1: 1: 1: 1: 1: 1:	KSA	From	2015
Department, Chair	King Faisal University, College of Engineering		То	2019
College Quality Unit	With Fallacian William of Fallacian des	KSA	From	2015
Chair	King Faisal University College of Engineering		То	2019
A	Sultan Qaboos University	0,000	From	2009
Associate Professor	College of Engineering	Oman	То	2012
Conion Lootunan	Sohar University	0,550,550	From	2000
Senior Lecturer	Faculty of Engineering	Oman	То	2009





Faculty Accreditation	Sohar University	Oman	From	2000
Unit (EDEXEL)	Faculty of Engineering	Oman	То	2009
Assistant Professor	University of Sfax,	T	From	1997
	Faculty of Engineering	Tunisia	То	2000
Assistant Professor	Capitol Technology University	USA	From	1994
	Department of Electrical Engineering	USA	to	1997

Research Interests:

- 1. Electric Power Systems Optimization
- 2. Electric Smart Grids
- 3. Renewable Energy Systems
- 4. Power Electronics for Solar PV Systems

Publications:

#	Author(s)	Publication Title	Publisher and Publication Date	Publication Link
1	Mounir Bouzguenda & Tarek Selmi	Review of DC-AC converters for photovoltaic conversion chains	International Journal of Power Electronics and Drive Systems 12 (2), 886	Click Here
2	Mounir Bouzguenda, S Raja Mohamed, MH Shwehdi, A Aldalbahi	Solar powered smart irrigation system based on low cost wireless network: A senior design project experience	The International Journal of Electrical Engineering & Education	Click Here
3	Mounir Bouzguenda, MH Shwehdi, R Mohamedi, QM Aldoghan	Performance of the 10-kW KFU Grid Connected Solar Photovoltaic Station Al Hasa, KSA	2019 IEEE International Conference on Intelligent Techniques in Control, Optimization and Signal Processing (INCOS)	Click Here
4	Arif S Malik, Mounir Bouzguenda	Effects of smart grid technologies on capacity and energy savings—A case study of Oman	Energy Volume 54, 1 June 2013, Pages 365-371	Click Here
5	M.H. Shwehdi, Rajamohamed and Mounir Bouzguenda	Lightning and Protection of Electric Power and Railroad Systems	LAP LAMBERT Academic Publishing (2017-10-16)	Click Here
6	Mounir Bouzguenda, Tarek Selmi, Adel Gastli, Ahmed Masmoudi	Microcontroller-based inverter topology integrated in PV systems	COMPEL: The International Journal for Computation and Mathematics in Electrical and Electronic Engineering, Vol. 34 Issue 1, pp.132 – 150, 2015	Click Here
7	Mounir Bouzguenda, A Samadi, S Raja Mohamed	Optimal placement of distributed generation in electric distribution networks	2017 IEEE International Conference on Intelligent Techniques in Control	Click Here





Language Proficiency:

- 1. Arabic
- 2. English
- 3. French