Dr. Nayef Alqahtani

Assistant Professor

Personal Data:

Nationality | Saudi
Date of Hire | 04 June 2018
Date Rank Obtained | 24 April 2022
Department | Electrical Engineering
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Education:

Academic Degree	Major	specialty	Place of Issue	Address	Date
Doctorate (PhD)	Electrical and Computer Engineering	Electrical Engineering	Oakland University	USA	December 2021
Masters (M.Sc.)	Electrical and Computer Engineering	Electrical Engineering, Power and Energy Systems	New Jersey Institute of Technology	USA	May 2015
Bachelor (B.Sc.)	Electrical and Computer Engineering	Electrical Engineering	Widener University	USA	December 2011

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

PhD	AN OPTIMAL ASYNCHROPHASOR IN PMU USING SECOND ORDER KALMAN FILTER

Experiences:

Title of Job	Address of Work	Country	Date	
Biomedical Engineering Department Chair	King Faisal University	KSA	From	Aug. 2024
			To	Present
Assistant Professor	King Faisal University	KSA	From	April 2022
			To	Present
Lecturer	King Faisal University	KSA	From	June 2018
			To	Mar.2022
Project Quality Engineer	Saudi Electricity Company – National Grid	KSA	From	Aug. 2013
			To	Jan. 2014
Energy Marketing Engineer	Schneider Electric	KSA	From	Dec. 2012
			To	July 2013

Research Interests:

1. Control and Signal System
2. Signal Processing; Image Processing
3. Cyber-Physical System
4. Intelligent Systems
5. Smart Grids

Selected Publications:

#	Name of author(s)	Title of Publication	Publisher and Date of Publication	Link of Publication
1	Ali Alqahtani, Abdulaziz A Alsulami, **Nayef Alqahtani**, Badraddin Alturki, Bandar M Alghamdi	A Comprehensive Security Framework for Asymmetrical IoT Network Environments to Monitor and Classify Cyberattack via Machine Learning	MDPI SYMMETRY, 2024/8/29	https://www.mdpi.com/2073-8994/16/9/1121
2	Muhammad Irfan, Omer Chughtai, Yudong Zhang, Ali H Alenezi, Nayef Alqahtani	Framework for Optimized Resource Allocation in Multi-User, Multi-Service, Multi-Device Aerial Networks	IEEE ACCESS	https://ieeexplore.ieee.org/abstract/document/10500327

Language Proficiency:

1. Arabic (Native)
2. English (Fluent)