

Dr. Tarek Moustafa Said Moawad

associate professor



Personal Data:

Nationality | Egyptian
Date of Hire | May 2025
Date Rank Obtained | 2019
Department | Electrical Engineering
Email | tsaid@kfu.edu.sa
Office No | 2119
Office Phone No | -

Education:

Academic Degree	Major	specialty	Place of Issue	Address	Date
Doctorate (PhD)	Electrical Engineering		University of Arkansas	USA	2009
Masters (M.Sc.)	Electrical Engineering		Cairo University	EGYPT	2004
Bachelor (B.Sc.)	Electrical Engineering		Cairo University, Fayoum Branch	EGYPT	1998

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

PhD	MODELING THE EFFECTIVE DIELECTRIC PROPERTIES OF BREAST FAT TISSUE
Master	PULSE SHAPING APPROACH TO THE GENERATION OF HIGHLY FOCUSED AND SLOWLY DECAYING LOCATED WAVES

Experiences:

Title of Job	Address of Work	Country	Date	
Visiting Scholar	Ulm University, Institute of electronic devices and circuits, Ulm, 89081	Germany	From	Mar 2022
			To	Aug 2022
Associate Professor	Fayoum University, Department of Electrical Engineering, Fayoum, 63514,	Egypt	From	Jun 2019
			To	present
Visiting Scholar	University of Arkansas, Fayetteville, Arkansas, 72701	USA	From	Mar 2014
			To	Mar 2015
Assistant Professor	Fayoum University, Department of Electrical Engineering, Fayoum, 63514,	Egypt	From	Jun 2012
			To	May 2019
Assistant Professor	Majmaah University, Department of Electrical Engineering, 11952	Saudi Arabia	From	Sep 2010
			To	May 2012

Teaching Assistant	University of Arkansas, Fayetteville, Arkansas, 72701	USA	From	Jan 2006
			To	Dec 2009
Instructor	Cairo Higher Institute for Computer and Information Systems	Egypt	From	Sep 1998
			To	Dec 2005

Research Interests:

1. Electrical properties of biological tissues
2. Properties of electromagnetic waves in different media
3. Microwave and antenna design
4. Biomedical engineering applications

Publications:

#	Name of author(s)	Title of Publication	Publisher and Date of Publication	Link of Publication
1	Radwa Maged, Anwer S. Abd El-Hameed, M. Mourad Mabrook, Tarek M. Said	Enhanced Performance of Microstrip Antenna Fabricated on a Composite Dielectric Substrate Coupled With Multiple Dielectric Superstrates	Optical and Quantum Electronics 2024	DOI: 10.1007/s11082-024-06487-4
2	Dina E. Abdelaleem, Hassan M. Ahmed, M. Sami Soliman, Mohamed Hafez, Tarek M. Said	Identifying Human Indoor Daily Life Behavior Employing Thermal Sensor Arrays (TSAs)	Applied Mathematics and Information Sciences, 2024	DOI: 10.48550/arXiv.2409.08508
3	Mohamed Fayez, Fathy M. Mustafa, Tarek M. Said , Amr M. Gody	Distributed Backward Pumped Raman Amplifiers Gain without Attenuation: A New Approach	Journal of Advanced Engineering Trends; 2022	DOI: 10.21608/jaet.2020.42049.1047
4	Tarek M. Said , Ahmed M. Khateeb, Amr M. Gody	Development of a Theoretical Microwave Model to Predict the Dielectric Properties of Articular Cartilage Tissues	EEE Access;, 2021	DOI: 10.1109/ACCESS.2021.3132691

Language Proficiency:

1. English
2. Arabic