

Dr. Sami Fathi

Assistant Professor

Personal Data:

Nationality | Sudan
Date of Hire | 2017
Date Rank Obtained | Assistant Professor
Department | Biomedical Engineering
Email | sfkhalilr@kfu.edu.sa
Office No | 11-1089
Office Phone No | 0135895519



Education:

Academic Degree	Major	specialty	Place of Issue	Address	Date
Doctorate (PhD)	Biomedical Engineering	MEMs and NEMs	University of Malaya	Malaysia	2016
Masters (M.Sc.)	Biomedical Engineering	Medical Imaging	Sudan University of Science and Technology	Sudan	2010
Bachelor (B.Sc.)	Biomedical Engineering	Biomedical Engineering	Sudan University of Science and Technology	Sudan	2007

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

RA Fellowship	Malaysian Elderly Longitudinal Research (MELOR)
PhD	Development and Evaluation Of an improved Multiple Frequency Bioimpedance Analyzer For Disease Management System, International Graduate Research Assistant Scheme (iGRAS), University of Malaya, Kuala Lumpur, Malaysia
Master	Arabic Braille Recognition and Transcription into Voice and Text

Experiences:

Title of Job	Address of Work	Country	Date	
Research Assistant	University of Malaya	Malaysia	From	2016
			To	2017
Graduate Research Assistant	University of Malaya	Malaysia	From	2013
			To	2016
Lecturer	Sudan University of Science and Technology	Sudan	From	2010
			To	2012
Teaching Assistant	Sudan University of Science and Technology	Sudan	From	2008
			To	2010

Research Interests:

1. Point of Care Biomedical Embedded System
2. MEMS and NEMS
3. Medical Imaging and Informatics
4. Tele-Health Systems
5. Global Health Systems, and Infection Diseases

Publications:

#	Name of author(s)	Title of Publication	Publisher and Date of Publication	Link of Publication
1	Syahir, N. Z., Mohktar, M. S., Khalil, S. F., Basar, M. R., & Ahmad, M. Y.	Testing the Effect of H-field Using Biological Phantom.	Springer, 2018	link
2	Khalil, S. F., Mohktar, M. S., & Ibrahim, F.	Bioimpedance Vector Analysis in Diagnosing Severe and Non-Severe Dengue Patients	MDPI, 2016	Link
3	Khalil, S. F., Mohktar, M. S., & Ibrahim, F.	The Theory and Fundamentals of Bioimpedance Analysis in Clinical Status Monitoring and Diagnosis of Diseases	MDPI, 2014	Link
4	Sami F. Khalil, N. S. M. D., Mas S. Mohktar, Fatimah Ibrahim.	Validation of Multiple Frequency Bioimpedance Analyzer using Biological Phantom	IEEE, 2014	link
5	Sami F. Khalil, N. S. M. D., Mas S. Mohktar, Fatimah Ibrahim.	Biological phantom testing on a general purpose and low cost bioimpedance analyzer design	Elsevier, 2014	link
6	Saad Dawoud, Sami Fathi.	Arabic Braille Recognition and Transcription into Text and Voice	IEEE, 2010	link
7	Saad Dawoud, Sami Fathi (2009).	A microcontroller Based Thermal Braille Code Implementation	Springer, 2009	link

Language Proficiency:

1. Arabic, Native
2. English, Advanced
3. German, Intermediate
4. Malay, Intermediate