

CURRICULUM VITAE

جامعة الأزهر
Al-Azhar University-Gaza



Abdallah Alsayed

Last Update:07/02/2023

PERSONAL DETAILS

Date Of Birth	21/04/1990	Place Of Birth	Saudi Arabia
Nationality	Palestinian		
Marital Status	Married	Gender	Male
Designation	Assistant Professor in Biomedical Engineering		
Department	Mechatronics and Medical Devices Engineering		
Faculty	Engineering and Information Technology		
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ACADEMIC QUALIFICATIONS

(YEAR , QUALIFICATION , INSTITUTION , TITLE)

2020	Doctoral Degree, PHD, University of Putra Malaysia (UPM) (QUANTIFICATION OF GENTLE PULL USING PINCH-PULL GRIPPING SYSTEM BASED ON FUGL MEYER AND MANUAL MUSCLE TEST PROTOCOLS FOR REHABILITATION)
2015	Master Degree, MSC, University of Putra Malaysia (UPM) (ROBUST POSITION ENCODING AND VELOCITY DEDUCTION FOR REAL TIME WATER LEVEL MONITORING)
2012	Bachelor Degree, BSC, Islamic University of Gaza (Automatic Power Generation System)

CAREER HISTORY

(START DATE - END DATE, EMPLOYMENT , ORGANIZATION)

2020 ,	Assistant Professor (Part-time)	, University of Palestine
2020 , till now	Assistant Professor (Full time Contract)	, Al-Azhar University-Gaza

PROFESSIONAL AFFILIATION / MEMBERSHIP

(YEAR , ORGANISATION , ROLE , LEVEL)

2020	IEEE Transactions on Instrumentation & Measurement (TIM), Reviewer , International
2018	IET Science, Measurement & Technology, Reviewer , International

AREAS OF EXPERTISE

(AREA)

Control and Automation , Rehabilitation Engineering , Sensing and Actuating , Medical Instrumentation , Bio-signal and Image Processing ,

SELECTED PUBLICATIONS

- Article in Academic Journal

- 1 Abdallah Alsayed, Kamal Ali Alezabi, Raja Kamil, Hayder Sadir, Hasan Sari (2022) . Optimization-Based Method for Estimating the Transmission Rate of COVID-19 During the Lockdown in Malaysia,Journal of Engineering Science and Technology,14(7) ,2287-2298. (SCOUPS Cited Publication)
- 2 Abdallah Alsayed, Raja Kamil, Veronica Rowe, Mazatulfazura SF Salim, Hafiz R Ramli, Azizan As' arry (2021) . Quantification of the Therapist's Gentle Pull for Pinch Strength Testing Based on FMA and MMT: An Experimental Study with Healthy Subjects,MDPI, Diagnostics,11(2) ,225. (ISI/SCOUPS Cited Publication)
- 3 Abdallah Alsayed, Hayder Sadir, Raja Kamil, Hasan Sari (2020) . Prediction of epidemic peak and infected cases for COVID-19 disease in Malaysia, 2020,International journal of environmental research and public health,17(11) ,4076. (ISI/SCOUPS Cited Publication)
- 4 Abdallah Alsayed, Raja Kamil, Hafiz Ramli, Azizan As' arry (2020) . An automated data acquisition system for pinch grip assessment based on Fugl Meyer protocol: A feasibility study,Applied Sciences,10(10) ,3436. (ISI/SCOUPS Cited Publication)
- 5 Abdallah Alsayed, Raja Kamil, Hafiz Rashidi Ramli, Azizan As'arry (2019) . Design and Calibration of Pinch Force Measurement Using Strain Gauge for Post-Stroke Patients,International Journal of Integrated Engineering,11(4) ,. (SCOUPS Cited Publication)
- 6 Abdallah Alsayed, Muhammed Razif Mahadi, Aimrun Waykok, Wan Ishak B Wan Ismail (2015) . Development of a hybrid ultrasonic and optical sensing for precision linear displacement measurement,Journal of Applied Sciences,15(8) ,1059

- Proceedings

- 1 Abdallah Alsayed, Raja Kamil, Veronica Rowe, Mazatulfazura SF Salim, HR Ramli, Azizan As' arry, Eunice YS Wen (2021) . Quantitative Value of Therapists Gentle Pull for Pinch Strength Test,2020 IEEE-EMBS Conference on Biomedical Engineering and Sciences (IECBES),Malaysia,,329-333. (SCOUPS Cited Publication)
- 2 7. Abdallah Alsayed, Raja Kamil, Hafiz Rashidi Ramli, Azizan As'arry (2018) . Design and Fabrication Pinch Force Measurement Based on Strain Gauge for Post-Stroke Patients,The 6th Symposium on Applied Engineering and Sciences 2018 (SAES 2018),,Japan,191-194
- 3 Abdallah Alsayed, Muhammad Razif Mahadi (2014) . Precise positioning based on pixel differential in linear optical sensor array,Agriculture and Agricultural Science Procedia,,Malaysia,10-17. (SCOUPS Cited Publication)

RESEARCH PROJECTS

(FROM - TO ,PROJECT_TITLE ,ROLE ,SOURCE ,LEVEL)

2013 ,2015

Optimized Optical and Ultrasonic Sensing for Water Level Monitoring
,Researcher ,University of Putra Malaysia ,University

2017 ,2020

Hand Grasping Assessment System for Post-Stroke Patients ,Researcher
,University of Putra Malaysia ,University

CONSULTATION PROJECT/CONSULTANCY

(FROM - TO , PROJECT_TITLE , ROLE , ORGANIZATION)

2021 ,2021

Development of Medical Devices Engineering Curriculum and Laboratories at the Faculty of EIT ,Consultant ,Al-Azhar University-Gaza

AWARDS AND RECOGNITIONS

(YEAR , NAME , INSTITUTION, LEVEL)

2015 ,Khazanah Asia Scholarship Programme ,Khazanah Nasional Berhad (Malaysia) ,International

2013 ,Fundamental Research Grant Scheme ,Ministry of Higher Education (Malaysia) ,National

2013 ,Special Graduate Research Assistance ,Universiti Putra Malaysia ,University

PRESENTATIONS

(TITLE , EVENT , DATE , ORGANISER , LEVELL)

Invited Speaker

- * Postgraduate Seminar ,Jointly seminar for IEEE Society ,2016 ,Malaysia Society for Automatic Control Engineers and IEEE Control System Society Malaysia Chapter (University).

Presenter

- * 2nd International Conference on Agricultural and Food Engineering (CAFEI 2014) ,International Conference ,2014 ,University of Putra Malaysia (University).
 - * Symposium on Control System and Signal Processing 2019 (SYM CSSP2019) ,Symposium ,2019 ,University of Putra Malaysia (University).
 - * 6th UPM and Kyutech International Symposium on Applied Engineering and Sciences 2018 (SAES 2018) ,International Symposium ,2018 ,Kyusyu Institute of Technology, Japan (University).
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TEACHING

(LEVEL , COURSE)

First Degree

- * Medical Instrumentation
- * Medical Devices Design
- * Bio-Signal and Image Processing
- * Assistive Technologies for Rehabilitation Engineering
- * Bio-mechanics
- * Medical Measurements
- * Measurements and Instrumentation
- * Industrial Automation
- * Sensors and Transducers

TRAINING COURSES

(YEAR , COURSE NAME , PLACE , INSTITUTION , PERIOD)

2019 , EEG and EMG Neuroscience Signals , Online , Neuro Training Academy , Two weeks

2018 , YKPG Elective 3: Management of Technology and Research , Malaysia , Khazanah Nasional Berhad , 2018-04-14 to 2018-04-16

96-, 2018Hours Machine Learning Online Course , Online , CloudxLab Specialists , 96 Hours

2018 , YKPG Community Based Learning , Malaysia , Khazanah Nasional Berhad , 2018-07-19 to 2018-08-25

2018 , YKPG Winning in the Job Market , Malaysia , Khazanah Nasional Berhad , 2018-08-11 to 2018-08-15

2017 , YKPG Elective 1: Business Management Skills , Malaysia , Khazanah Nasional Berhad , 2017-05-06 to 2017-05-08

2016 , Influence Module: Creating Impact in Others , Malaysia , Khazanah Nasional Berhad , 2016-11-06 to 2016-11-10

2016 , Leadership Module: Becoming a Global Leader , Malaysia , Khazanah Nasional Berhad , 2016-07-27 to 2016-07-30
