

Curriculum Vitae



NAME: ALI KAMIL BUNIYA

GENERAL INFORMATION:

ADDRESS: Hay Aljameaa, Baghdad, Iraq
Date of birth: 19/11/1985
Nationality: Iraqi
Marital Status: Married
Gender: Male
Health Status: Excellent

CONTACT INFORMATION:

Mobile: +964-7827248438
E-mail: Alikamil1985@outlook.com
Alibme2016@gmail.com

Academic Qualification (AQ):

MSc. Of Biomedical Engineering,
School of mechanical and system engineering,
Newcastle University,
UK (2013)

BSC. of Biomedical Engineering,
Al-Khwarizmi College of Engineering,
University of Baghdad,
Iraq (2003-2008)

Secondary Certification / Scientific Branch.

GRADUATION MASTER THESIS:

Wear Test of Reverse Total Shoulder Arthroplasty (rTSA) Using a Unique Multi-station Shoulder Joint Simulator

PROFESSIONAL POSITIONS:

Assistant Lecturer (MSc.) at Biomedical Engineering Department, University of Baghdad (2013-until now)

Research assistant (BSc) at Biomedical Engineering Department, University of Baghdad. (2009-2013)

PUBLICATIONS:

Smith, S.L.; Li, B.L.; Buniya, A.; Lin, S.H.; Scholes, S.C.; Johnson, G.; Joyce, T.J. *In vitro* wear testing of a contemporary design of reverse shoulder prosthesis. *J. Biomech.* **2015**, *48*, 3072–3079

Alaa Aldoori, Ali Buniya, ZHENG Zheng, *Single Channel Fetal ECG Detection Using LMS and RLS Adaptive Filters*. Chinese Journal of Biomedical Engineering. 2015, 4.

TAUGHT COURSES and OTHERS:

As an Assistant Lecturer 2013 until now

- Medical physics, First stage
- Engineering Mechanic, Static, First stage
- Medical measurements Lab, Fourth stage
- Biosensors Lab, Fifth stage
- Biomedical instrumentation Lab., Fifth stage

Supervised graduation projects BSc.

- Detecting and estimating of FEKG signal from single channel using adaptive filter
- Lower Limb Orthoses For Children Who Suffer From Weak Muscles
- Servo Motor Speed And Direction Control Using EMG Signal
- Arabic sign language glove

As a Research Assistant (BSc) 2009-2012 laboratories including:

- Logic Lab
- Matlab Lab
- Electrical circuit Lab

- Electronic circuit Lab
- Microcontroller lab

MEMBERSHIPS IN SCIENTIFIC ASSOCIATIONS:

- Iraqi Engineers Union
- IMechE: Institution of Mechanical Engineers, UK

COMPUTER SKILLS and LANGUAGES:

- MATLAB SIMULINK
- MATLAB GUI
- AUTOCAD
- ANSYS
- Microsoft Word
- Microsoft Excel
- Microsoft Outlook
- Microsoft PowerPoint
- Arabic and English languages

EXPERIENCE:

- Worked as a customer service associate in UK fun fair amusement park / Haining city / China.
- Worked as a translator in Snail game company (video game tester) / Suzhou / China



University of Newcastle upon Tyne

Faculty of
Science, Agriculture and
Engineering

Ali Kamil BUNIYA

was awarded the Degree of

MASTER OF SCIENCE
IN BIOMEDICAL ENGINEERING

with Merit

on

24 October 2013

VICE-CHANCELLOR

REGISTRAR



00047402