

Curriculum Vitae

Mohammad Abdul-Jaleel Mohammad, Ph.D.

College of Technological Studies

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Education

- Ph.D., Electronics Engineering, The university of Southampton, Southampton, U.K., 1999.
Thesis: Dynamic Measurements of Speech Articulators
Using Magnetic Resonance Imaging.
- M.S., Biomedical Engineering, Marquette University, Milwaukee, Wisconsin, USA, 1992.
Thesis: Active and Passive Motion Analysis of Wrist
Spasticity Using Statistical Procedures.
- B.S., Biomedical Engineering, Marquette University, Milwaukee, Wisconsin, USA, 1989.

Academic experience

- Taught general Electronics Engineering courses such as basic electronics, electronic devices, digital electronics, and electronic measurements.
- Designed and taught various Biomedical Instrumentation courses such as biomedical electronics, biomedical measurements, therapeutic equipment, and medical imaging.
- Designed and taught Practical and field training courses in biomedical engineering technology.

- Taught introduction to computers and programming courses.

Non-academic experience

Click or tap here to enter text/ none if Not Applicable.

Certifications

Click or tap here to enter text/ none if Not Applicable.

Current membership

- Kuwait Society of Engineers (KSE)

Honors and awards

- Undergraduate scholarship from the Ministry of Education, Government of Kuwait.
- Graduate scholarship from the Ministry of Education, Government of Kuwait.
- Doctoral scholarship from the Public Authority for Applied Education and Training, Government of Kuwait.
- Research grant from the Public Authority for Applied Education and Training (TS_01_005) for 16,500\$ (Measuring articulatory configuration during arabic speech production using MRI), Jan. 2002.

Service activities

- Published a number of articles in the Biomedical Engineering magazine, published by the Ministry of Health, Government of Kuwait.
- Gave seminars for high school students on their future prospects.

Publications and presentations

- M. Mohammad, E. Moore, J.N. Carter, C.H. Shadle, and S.J. Gunn, Using MRI to Image the Moving Vocal Tract During Speech, Eurospeech, 1997, Greece, pp. 2027-2030.
- C.H. Shadle, M. Mohammad, J.N. Carter, and P.J. Jackson, Multi-Planar Dynamic Magnetic Resonance Imaging: New Tools for Speech Research, Proc. Icphs'99, pp. 623-626, 1999.
- M. Mohammad, T. Sinan, Speech Synthesis of Arabic Vowels Using Vocal Tract Data from Magnetic Resonance Images, Biosignal, 2004, Czech Republic, pp. 312-314.
- M. Mohammad, Reviving the Biomedical Engineering Technology Program at the College of Technological Studies in Kuwait, Biosignal, 2004, Czech Republic, pp. 439-441.
- M. Mohammad, T. Sinan, B. Mohammad, Articulatory Models of Arabic Vowels Computed from Magnetic Resonance Images, Kuwait Journal of Science & Engineering, vol. 2(33), pp. 69-78.

Professional development activities

- Eurospeech, 1997, Rhodes, Greece.
- Licensing Executives Society, Kuwait 2000 conference.
- Euroconference Biosignal 2000, Brno, Czech Republic.
- 10th ISAAC (International Society for Augmentative and Alternative Communication) Conference, 2002, Odense, Denmark.
- Euroconference Biosignal 2004, Brno, Czech Republic.