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EDUCATION

- Ph.D in Electronic and Electrical Engineering, Loughborough University (UK) - March 2006
- M.Sc in Electronic Production, Glamorgan University (UK) – September 1998
- B.Eng (Hons) in Electro Mechanical Power System, Glamorgan University (UK) – July 1997

MANAGEMENT TASK

- Head of PCB Lab, FKE – (1/12/2007 – 30/11/2009)
- FYE Coordinator, FKE – (15/7/2008 – 1/1/2009)
- Postgraduate Coordinator, FKBSK – (1/2/2009 – 30/1/2011)
- Head of Postgraduate studies, FKBSK – (1/2/2011 – present)

EMPLOYMENT EXPERIENCE

- Senior Lecturer in UTM (Johor) – present
- Tutor in UTM - 1997

PROFESSIONAL INVOLVEMENT

- Publication Organizer for ISSPA 2001 International Conference (KL)
- Conference Reviewer for ICTA 2005 (Greece)
- Publication Organizer for ISSPA 2010 International Conference (KL)
- Conference Reviewer for INECCE 2011 (KL)
- Conference Reviewer for ICMSAO2011 (KL)

NATIONAL INVOLVEMENT

- PhD Panel Interviewer for KPT-Polytechnic 2008 (Shah Alam)
- PhD Panel Interviewer for KPT-Polytechnic 2009 (Shah Alam)

COMMUNITY INVOLVEMENT

- Project Manager for UTM-Motorola Welfare Community Project - 2001

RESEARCH INTERESTS / SKILLS

- Analog/Digital Circuit Design,
- Microcontroller
- Electrical Discharge System - Current Generator
- C, C++ Programming, PSPICE, Matlab

- Power supply design
- Marine Instrumentation

EVALUATORS;

- PRGS 2011– Development of A Prototype ABR system for effective newborn hearing screening
- PRGS 2011 – Development of a prototype telemedicine application for intelligent diagnostic of cardiac disease
- eRGS 2011 - The Design Of Auditory Brainstem Response (ABR) Measurement Chamber For High Quality ABR Result
- FRGS 2011 - Sequential Monte Carlo Methods for Parameter Estimation in Non-linear Non-Gaussian State-Space Models with Applications to Biomedical Signal Processing
- FRGS 2011 - Voice Parameter Analysis for Voicing Disorder
- GUP 2011 - Sequential Monte Carlo Methods for Parameter Estimation in Non-linear Non-Gaussian State-Space Models with Applications to Biomedical Signal Processing
- GUP 2011 - Development of Malay Speech Technology for Preschool Vocabulary Learning System
- GUP 2011 - The Design Of Auditory Brainstem Response (ABR) Measurement Chamber For High Quality ABR Result
- GUP 2011 - Adaptive Wavelet Filter Bank for Intelligent Diagnostic of Cardiac Diseases
- GUP 2011 - Development of Prototype to Characterize Blood Glucose Test Strip

COURSE ATTENDED

- Train The Trainer by MDEC and Agilent Technology (18 – 22 April 2011, UTM)
- Intensive Workshop on Submission to EAC (28/2/2011 – 1/3/2011, Putrajaya Marriot Hotel)

SELECTED PUBLICATIONS

- Yahya A and Manning C D (2003) Modelling and simulation of Die Sinking Electro discharge machine systems. *3rd Asian Conf. on Industrial Automation and Robotics (Thailand) pp 1–4*
- Yahya, A. and Manning, C.D. (2003) Modelling and Simulation of Electro Discharge Machine Systems, *PREP2003, Exeter (UK)*, April
- Yahya, A. (2003) Modelling and Controller Design for EDM System Based on DSP Microprocessor, *MRG Manchester (UK)*, Sept.
- Yahya, A. and Manning, C.D. (2003) Modelling, Simulation and Controller Design for Electro Discharge Machine System, *ESC Division Research, Leicestershire (UK)*, Sept., 21-23
- Yahya A. (2004) Material removal rate prediction of electro-discharge machine, *MRG, Manchester, April, UK*
- Yahya, A. and Manning, C.D. (2004) Determination of material removal rate of an electro-discharge machine using dimensional analysis. *J. Phys. D: Appl. Phys. 37 1467-1471 (IF=2.083)*
- Yahya, A and Manning, C.D. (2005) Material removal rate modeling of an electro-discharge machine, *Power Electronic Division, Sutton Bonington (UK)*, April
- Tri Basuki Kurniawan, Zuwairie Ibrahim, Muhammad Faiz Mohamed Saaid, and Azli Yahya, (2008) Implementation of Ant System for DNA Sequence Optimization, *NANO-SciTech 2008*, Shah Alam, Malaysia, 18-21 November
- Saaid M.F.M, Ibrahim Z, Khalid M and Yahya A (2008) Alternative Fuzzy C-Means Clustering for DNA Computing Readout Method Implemented on DNA Engine Opticon 2 System. *SITIS08*, Bali (INDONESIA), December
- Yahya, A. and Khamis, N.H.H (2009) Servomechanism Study of an Electrical Discharge Machining (EDM) System, *EMAP2009*, Penang, Malaysia, December
- Andromeda, T., Yahya, A. and Khamis, N.H.H (2010) Predicting Material Removal Rate of Electrical Discharge Machining (EDM) using Artificial Neural Network for low I_{gap} current, *ICEM2010*, Kuala Lumpur, Malaysia, November