

## Academic Qualifications

- 1981 – 1982* University College Cardiff, Britain. Post-doctorate Research Fellow in the Department of Electrical and Electronic Engineering.
- 1978 – 1981* Department of Electrical and Electronic Engineering, University of Wales, Britain. Doctor of Philosophy in “Aspects of the Design of a Multi-microprocessor System”.
- 1974 – 1977* University of Wales. (University College Cardiff) B.Sc. Honours (Upper Second Class) Degree in Electrical and Electronic Engineering.

## Experiences

- 1991–present* Monash University, Australia. Employed as Lecturer, and promoted to Senior Lecturer (1996), followed by promotion to an Associate Professor in 2002 in the Department of Electrical and Computer Systems Engineering. During this period Electrical & Electronic and Computer Engineering subjects were taught.

- 1989 – 1991* Employed by B.H.P Steel, Electrical Engineering Department at Port Kembla (NSW). The main duties included preparing estimates, liaising with plant personnel to discuss their requirements, supervising installations, investigations of equipment requirements; project planning, design, cost control and providing progress reports. The size of estimates varied from several thousand to several hundred thousand dollars. Examples of the diverse range of projects that have been directly investigated and estimated includes:

- Cont.** Relocation of Shot Blasting Machines, stackout and reclaim systems at Appin Colliery, truck washing stations, up rating Export Warehouse cranes, renovating the Ro-Ro Berth Straddle Crane workshop, relocation of No.2 Diesel Loco shop, replacement of Hot Metal Lade operator stations, Crane F728 rotating hook, alterations to the Apprentice Training shop, up rating No.1 Caster- Casting Aisle Cranes, relocation of the Pig Mill to the Foundry, up rating the ESAB fame cutting machine in the Fabricating Shop, a new milling machine and lathe for the Material Testing Lab, O’Briens Drift Coal bin level remote monitors, Washery coal stockpile spray system.

Examples of the projects that have been directly designed and supervised and commissioned are as follows:

Lighting upgrade for Welding Development at Central Lab, the installation of a new 415 volt incoming main switch for the Engineering Building, relocation of welding machines and associated machines to the foundry, Upgrading communication network for CNC machines in No.1 Machine Shop, design and commissioning of a vibration monitoring unit.

*1987 – 1989* Gaziantep University, Turkey, formerly Middle East Technical University. Employed as a lecturer in the Department of Electrical and Electronic Engineering. Beside undergraduate subjects, Advanced Parallel Processing Systems and Advanced Computer Architectures also taught at post - graduate level. I was also responsible for postgraduate student supervision.

*1982 – 1987* Tehran University, Iran. Employed as a lecturer in Computer Science Department. In addition to teaching responsibility, I also had administrative positions such as Acting Head of Department. Concurrent to this academic position, I was also appointed as a member of Board of Directors to Computer Consulting Company (Tehran Informatic Consultants, T.I.C).

In this company one of our main activities was the provision of Computer Consultancy at all levels to Government and private companies in Iran.

## **Management and Committee Memberships**

My membership to university, faculty and department committees includes but not limited to:

- 1- Member of ABET accreditation Committee at KSU (2011- present).
- 2- Member of Quality Management Committee at KSU (2012-present).
- 3- Member of NCAAA accreditation Committee at KSU (2009-2010).
- 4- Director of Professional Development Programs, Department of Electrical and Computer Systems Engineering, Clayton Campus. Monash University (1999-2008).
- 5- Director of Master's Degree (Coursework) Programs, Department of Electrical and Computer Systems Engineering, Clayton Campus Monash University (1999-2008).
- 6- Director of International Studies, Department of Electrical and Computer Systems Engineering, Clayton Campus Monash University, (1999-2008).
- 7- Member of the Academic Board, Monash University, Clayton Campus Monash University from (1999 -2009).
- 8- Member of the Faculty Board, Monash University, Clayton Campus Monash University (1998-2008).

- 9- Member of Graduate and Further Education Committee, Faculty of Engineering, Clayton Campus Monash University ( 1999-2008)
- 10- Member of Monash Abroad Steering Committee (2004 - 2006).
- 11- Member of the international committee, Faculty of Engineering Monash University (2004-2008).
- 12- Member of Management of the Engineering Faculty Foundation, Clayton Campus Monash University (1999-2003).
- 13- Member of the Research and Postgraduate Studies Committee, Department of Electrical & Computer Systems Engineering, Clayton Campus Monash University (1999-2003).
- 14- Member of the Department Advisory Committee, Department of Electrical and Computer Systems Engineering, Clayton Campus Monash University (1999-2003).
- 15- Member of the Student Staff Consultative Committee, Department of Electrical and Computer Systems Engineering, Clayton Campus Monash University (1999- 2008).
- 16- Member of the Postgraduate Student Consultative Committee, Department of Electrical and Computer Systems Engineering, Clayton Campus Monash University (1999-2003).
- 17- Member of Research Training Committee, Department of Electrical and Computer Systems Engineering, Clayton Campus. Monash University (1999-2004).
- 18- Member of Middle Task Force (office of Deputy Vice Chancellor, International) Monash University (2004-2008).

## **Former professional affiliation and memberships**

*Fellow IEAust (Australia)*

*Fellow IET*

*Senior Member IEEE (USA)*

**FIEAust, CPEng**

**CEng, FIET**

**SMIEEE**

## **BOOK REVIEW**

1. “Engineering Circuit Analysis” by Professor Hayt, McGraw-Hill Publishing Company, 6<sup>th</sup> Edition, USA May 2000.
2. “Introduction to Electrical Engineering” by Professor Sarma published by Thomas Publishing Company (ITP) and Brooks/Cole Publishing Company, USA, April 1999,
3. “The Z-80 Microprocessor” Hardware, Software, Programming and Interfacing" by Anzani published by Sahar Publishing Company. **Iran**. 1985.