

CURRICULUM VITAE

Personal Data

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Academic Qualifications

1. Ph.D. in Engineering (Nuclear), University of New Mexico, Albuquerque, USA. (1992)
2. M.Sc. Nuclear Instrumentation, University of Edinburgh, U.K. (1977)
3. B.Sc. (Hons.) Electrical and Electronics Engineering, University of Glasgow, U.K. (1976)
4. Diploma Kejuruteraan Elektrik (Kuasa), Institut Teknologi Kebangsaan (ITK), Jalan Semarak, Kuala Lumpur, Malaysia. (1973)

Employment History

1. Professor, Nuclear Engineering Programme, Department of Energy Engineering, UTM Johor (17 July 2016 – to date)
2. Associate Professor, Mechatronics Engineering Department, Kulliyah of Engineering, International Islamic University Malaysia, Jalan Gombak, Selangor D.E. (3 November 2008 – 13 July 2016)
3. Deputy Director General (Research & Technology Development), Malaysian Nuclear Agency, Bangi, Selangor D.E. (May 1995 – 30 October 2008)
4. TRIGA Reactor Manager, MINT, Malaysia (1984 – 1995)
5. Research Officer, PUSPATI, Malaysia, (1976 – 1984)

Other Qualifications and Membership in Societies

1. Registered Professional Engineer with Practicing Certificate, Board of Engineers Malaysia (BEM) (C116168).
2. ASEAN Chartered Professional Engineer, BEM.
3. Board of Director, Malaysia Nuclear Power Corporation (June 2016 – to date)
4. Board Member, Atomic Energy Licensing Board, Malaysia (2011 – 2017)
5. Panel Member (Nuclear Engineering), Malaysian Qualification Agency (2011 – 2017)
6. Member, Sub-committee on Registration of ASEAN Chartered Professional Engineers (ACPE) and Registered Foreign Professional Engineers (RFPE), Board of Engineers Malaysia (BEM).

7. Panel Pakar Sains Nuklear, Dewan Bahasa dan Pustaka (DBP), Malaysia (Ahli 2013 – 2015; Pengerusi 2015 – 2017).
8. Advisor and Life Member, Malaysian Nuclear Society (MNS) (No. 16/84).
9. Member, Persatuan Penterjemah Malaysia (No. 189/03).
10. Member, Malaysian Association of Research Scientists (MARS).
11. PADI-certified scuba diver, 2001.
12. Senior Reactor Operator License for TRIGA Reactor at Radiation Center, Oregon State University, Corvallis, Oregon, USA (September 1979), United States Nuclear Regulatory Commission (USNRC).

Other Contributions

1. Postgraduate Academic Advisor, Department of Mechatronics Engineering, IIUM (2013-2016).
2. Member, Board of Studies, Mechatronics Engineering Programme, IIUM (2009-2017).
3. Member, Graduate Curriculum Committee, Mechatronics Engineering Programme, IIUM (2009 – 2012).
4. Member, Board of Studies and Coordinator, proposed Nuclear Engineering Undergraduate Degree Programme, IIUM (2010 – 2011).
5. IAEA/ RCA National Representatives for Malaysia (1998-2008).
6. Member, Standing Advisory Committee to the RCA Regional Office, Taejon, Republic of Korea (2005-2007, 2006 as Chairman). The Committee oversees the running of the regional office.
7. Member of Malaysian delegations to IAEA General Conference, Vienna (1995-2008).
8. Advisor to the Resident Representative of Malaysia in Vienna (2003 – 2007).
9. Member, INTAN Panel of Evaluators for JPA Pra-Gred I courses (1995 – 2006).

Selected contribution to nuclear public information

1. Panel Member for Asia Nuclear Addiction, 101 East programme, Al-Jazeera English forum, 29 August 2011.
2. Panel Member for Nuclear Power Development in Malaysia, Breakfast Grill, BFM Business Radio. 14 Feb 2011.
3. Panel Member for Perspektif Kita on Nuclear Energy Development in Malaysia, Astro Awani, 2009.
4. Other contributions in print media The Star, The New Straits Times, Utusan Malaysia.

Consultancy

1. Expert, IAEA/RCA Working Group Meeting on Medium Term Strategy and Strategic Priorities for 2018 – 2023, Project Code RAS/0/068 9009 01, Vienna. 22-26 June 2015.
2. Expert, IAEA/RCA Expert Group Review Meeting on Medium Term Strategy and Strategic Priorities for 2018 – 2023, Project Code RAS/0/068 900701, Vienna. 16-20 Feb. 2015.
3. FYP External Verifier, German Malaysia Institute, Bangi, 15-17 Dec. 2014.

4. Judge, Materials Lecture Competition Finals, Institute of Materials Malaysia (IMM), Kuala Lumpur, 14 May 2014.
5. Expert Mission for IAEA Technical Cooperation, Review of RCA Country and Regional Programmes, Project Code RAS/0/057-0701, Vienna. 9-13 Apr. 2010.
6. Expert, IAEA/RCA Working Group Meeting on Medium Term Strategy and Strategic Priorities for 2012 – 2017, Project Code RAS/0/057-900701, Vienna. 22-26 Feb. 2010.
7. Expert Mission for IAEA Technical Cooperation, Regional Meeting on Consolidating Sustainability Aspects of National Nuclear Institutes, Project Code RAS0046/9, Hanoi, Vietnam. 6-8 Apr. 2009.
8. Expert, IAEA/RCA, Study on 25-Year Achievement of the RCA, Vienna. 2001
9. IIUM Entrepreneurship and Consultancies Sdn. Bhd., Study on the Impact of Nuclear Technology to National Socio-Economic Development, done for Malaysian Nuclear Agency, Bangi, Selangor D.E. 2009-2010.
10. MQA, Penilaian Program Sarjana Sains Nuklear UTHM, Feb. 2012.