

CURRICULUM VITAE



PERSONAL INFORMATION

Name	FATIMAH BINTI SALIM
Address	UTM Razak School of Engineering and Advanced Technology, UTM Kuala Lumpur, Jalan Sultan Yahya Petra (formerly known as Jalan Semarak), 53100 Kuala Lumpur.
Telephone	+603-2615 4398 / 4515
Email	sfatimah.kl@utm.my
Nationality	Malaysian
Date of birth	9 th April 1979

PROFESSIONAL EXPERIENCE

Dates (from-to)	7 th April 2010-28 th Feb 2014
Name and location of employer	Energy Commission of Malaysia, Putrajaya
Position held	Consultant for Power Quality Baseline Study for Peninsular Malaysia Consultancy Project
Dates (from-to)	16 th April 2003-Current
Name and location of employer	UTM Kuala Lumpur
Position held	Lecturer
Dates (from-to)	25 th March 2002-16 th April 2003
Name and location of employer	UTM Kuala Lumpur
Position held	Tutor

PROFESSIONAL AFFILIATION

Dates (from-to)	2013-current
Name of organisation	SIRIM Berhad
Position held	Technical Committee of the Malaysian Standards on Electric Power Quality
Dates (from-to)	6 th March 2009-current
Name of organisation	Board of Engineers Malaysia (BEM)
Position held	Graduate Engineer
Dates (from-to)	2012-current
Name of organisation	Institute of Electrical and Electronics Engineers (IEEE)

Position held	Member
Dates (from-to)	2012-current
Name of organisation	IEEE-PES Malaysia Chapter
Position held	Executive Committee 2016
EDUCATIONS	
Dates (from-to)	2016
Title of qualification awarded	PhD (Electrical Engineering)
Name of organization providing education	UTM
Thesis	Optimal Number and Placement of Power Quality Monitors for Monitoring Voltage Sags in Power System Networks
Dates (from-to)	2003
Title of qualification awarded	Master of Engineering (Electrical)
Name of organization providing education	UTM
Thesis	Development of an FPGA-based gate signal generator for a multilevel inverter
Dates (from-to)	2001
Title of qualification awarded	Bachelor of Engineering (Electrical)
Name of organization providing education	UTM
Thesis	Fast front transient analysis using PSCAD/EMTDC
PERSONAL SKILLS AND COMPETENCES	
Mother Tongue	Malay
Other Languages	
English	Reading (good), Writing (good), Verbal (good)
SOCIAL, ORGANISATIONAL SKILLS AND COMPETENCES	
Event Manager	<ol style="list-style-type: none"> 1. Power Quality Stakeholder Workshop 2012 at PWTC 2. Power Quality Stakeholder Workshop 2011 at PWTC 3. Power Quality Symposium 2010 at PWTC
Journal and Conference Reviewer	<ol style="list-style-type: none"> 1. Reviewer for 10th International Power Engineering and Optimization Conference in 2016 2. Reviewer for IEEE Power Delivery Transaction in 2013 and 2014 3. Reviewer for International Symposium on

	Mechatronics and Its Applications in 2012
Curriculum and Syllabus Development	<ol style="list-style-type: none"> 1. Curriculum and Syllabus Development Committee for Master of Electrical Engineering (2012-2013) 2. Curriculum and Syllabus Development Committee for Diploma of Technology in Marine Electronics (2003-2005)
Subject Coordinator	Electrical Circuit, Electrical Technology, Industrial Electronics, Power Electronics, Power Engineering Lab III (2004-2007)
Facilitator	<ol style="list-style-type: none"> 1. Head of Electrotechnical Laboratory (2005-2007) 2. IDB Tender Evaluator (Technical) (2004-2007) 3. Final Examination Question Evaluator (2004-2007) 4. Facilitator for Outcome Based Education for Diploma of Technology in Marine Electronics (2004-2007) 5. Teaching Workshop Facilitator for Army Engineering Institute and Colleges (2003-2005) 6. Academic Advisor (2002-2007)
TECHNICAL SKILLS AND COMPETENCES	
Software engineering	PowerWorld Simulator, MATLAB
Technologies and tools	Microsoft Office, Microsoft Project
HONOURS AND AWARDS	
Dates (from-to)	2004
Title of award	Excellent Service Award
Name of organization providing award	UTM
Dates (from-to)	1997-2001
Title of award	SLAB Scholarship for PhD studies in UTM
Name of organization providing award	Ministry of Higher Education, Malaysia(MOHE)
Dates (from-to)	2002-2003
Title of award	UTM/JPA Scholarship for Master studies in UTM
Name of organization providing award	JPA
Dates (from-to)	1997-2001
Title of award	JPA Scholarship for undergraduate studies in UTM
Name of organization providing award	JPA

RESEARCH GRANTS

Dates (from-to)	August 2015-January 2016
Project title	Development of the User Friendly Power Quality Analysis Software
Source of fund	Contract Research (Perundingan KMN)
Role	Principal Investigator
Dates (from-to)	April 2014-June 2015
Project title	Optimal Monitoring of Voltage Sags in Power System Network
Source of fund	MOHE (GUP Tier 2)
Role	Principal Investigator

PUBLICATIONS

Book	<ol style="list-style-type: none">1. Power Quality Standards and Regulations in Malaysia. <i>Achievement, Issues and Challenges</i>. 2011 Penerbit UTM, ISBN 978-967-52-0816-42. Teaching Module – Electrical Technology
Chapter in book	<ol style="list-style-type: none">1. Power Quality Standards and Regulations in Malaysia. <i>Achievement, Issues and Challenges</i>: Chapter 8: Voltage Sag Observation through Optimal Monitor Locations.2. Power Quality Standards and Regulations in Malaysia. <i>Achievement, Issues and Challenges</i>: Chapter 10: A Novel Method to Identify the Sources of Voltage Sags using SVR based S-Transform.3. Power Quality Standards and Regulations in Malaysia. <i>Achievement, Issues and Challenges</i>: Chapter 11: Impacts of Voltage Sag Events on Electronics Manufacturing Industry in Malaysia.
Proceedings	<ol style="list-style-type: none">1. F. Salim, K.M. Nor, D. M. Said, A.A. A. Rahman, Voltage Sags Cost Estimation for Malaysian Industries”, IEEE International Conference on Power and Energy (PECon 2014), p. 41-46.2. A.A. Abdul Rahman, K. Seman, k. Saadan, A. Azman, F. Salim, “Non-Uniform Traffic Performance of Multi-Class Scheduling Technique with Dual Threshold”, International Journal of Engineering and Innovative Technology (IJEIT), Vol. 3, Issue 4, Oct 2013.3. T.L.G. Soh, D. M. Said, N. Ahmad, K.M. Nor, F. Salim; “Experimental Study on the Impact of Harmonics on Transformer”, IEEE 7th International Power Engineering and Optimization Conference (PEOCO

2013).

4. **Salim, F.;** Nor, K.M.; Said, D.M.; Serwan, M.S. "A system-wide power quality monitoring using machine-to-machine wireless broadband technology", *Harmonics and Quality of Power (ICHQP), 2012 IEEE 15th International Conference on*, On page(s): 124 – 129.
5. **Salim, F.;** Nor, K.M. "Voltage Sags Observation through Optimal Monitor Locations", *Harmonics and Quality of Power (ICHQP), 2010 IEEE 14th International Conference on*, On page(s): 1 – 6.
6. **Salim, F.;** Nor, K.M. "Optimal Monitor Locations to Observe Voltage Sags in Utility Distribution System", *Power Quality Symposium, PWTC Kuala Lumpur, 2010*.
7. **Salim, F.;** Nor, K.M. "Voltage Sag Detection via Optimal Monitor Locations", *International Conference Electrical Energy and Industrial Electronic Systems (EEIES), Penang, 2009*.
8. **Salim, F.;** Nor, K.M. "Optimal Voltage Sag Monitor Locations", *Universities Power Engineering Conference (AUPEC), New South Wales, Australia, 2008*.
9. **Salim, F.;** Naziha Ahmad Azli, "Implementation of the HEPWM Technique on a Multilevel Inverter Using FPGA", *Australasian Universities Power Engineering Conference (AUPEC), 2004*
10. **Salim, F.;** Naziha Ahmad Azli, "Development of an FPGA Based Gate Signal Generator for a Multilevel Inverter", *5th International Conference on Power Electronics and Drive System (PEDS), 2003*.

Other publications

1. Progress report on Power pQuality Baseline Study for Peninsular Malaysia from Quarter 1 to Quarter 12.
2. Interim Report on Power Quality Baseline Study for Peninsular Malaysia.
3. Draft Final Report on Power Quality Baseline Study for Peninsular Malaysia.
4. Final Report on Power Quality Baseline Study for Peninsular Malaysia.
5. **Fatimah Salim,** Norani Hamzah, Salmiah Basir, Zaimah Daud, *Kertas Ujikaji Elektronik Perindustrian (Edisi kedua), 2007*.