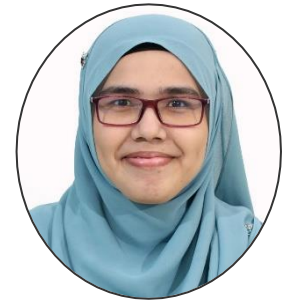




CURRICULUM VITAE



NUR DALILAH BINTI NORDIN
ASSISTANT PROFESSOR
FACULTY OF ENGINEERING AND INFORMATION TECHNOLOGY
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1. Academic Qualification

No.	QUALIFICATION	FIELD OF SPECILIZATION	NAME OF AWARDING INSITUTION & COUNTRY	START DATE – END DATE
1.	Doctor of Philosophy	Electrical Engineering	University Teknologi Malaysia	09/2013-07/2019
2.	Bachelor	Electrical	University Teknologi Malaysia	09/2008-08/2012
3.	Matriculation	Physical Science	Kedah Matriculation College	2007-2008

2. PREVIOUS EMPLOYMENT RECORD

No.	START DATE – END DATE	POSITION	JOB NATURE	EMPLOYER / COMPANY
1.	10/2019-10/2020	Technical Engineer	Solar System Design	Plus Solar Systems Sdn. Bhd.
2.	07/2019-12/2019	Part Time Lecturer	Lecturing	MITEC Universiti Kuala Lumpur, Masai
3.	05/2013-07/2013	Research Assistant	Research	Universiti Teknologi Malaysia
4.	08/2012-04/2013	Design Engineer	Mechanical Conveyor Design	Autoveyor (M) Sdn. Bhd.
5.	05/2011-09/2011	Electrical Technician	T&C and maintenance	Medanlite Engineering Sdn. Bhd.



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3. PROFESSIONAL QUALIFICATION / MEMBERSHIP (NATIONAL / INTERNATIONAL)

No.	TYPE OF QUALIFICATIONS / MEMBERSHIP	GOVERNED BY WHICH BODY / COMPANY / ASSOCIATION / OTHERS	AWARDED YEAR / MEMBERSHIP DURATION
1.	Graduate Engineer	BEM	2013 - Now
2.	CIDB Green Card	CIDB	2011-Now

4. RECOGNITION AWARD (NATIONAL / INTERNATIONAL)

No.	TYPE OF AWARD RECEIVED	RECEIVED FROM WHICH BODY / COMPANY / ASSOCIATION / OTHERS	RECEIVED YEAR
1.	Best presenter	4th Conference on Emerging Energy and Process Technology (CONCEPT 2015)	2015

5. CONSULTANCY SERVICES / COMMUNITY SERVICES

No.	ORGANIZATION / EVENT / PROJECT	DATE / DURATION	VENUE / COMPANY	ROLE / POSITION
1.	Solar Home UTM	2013-2014	Universiti Teknologi Malaysia	Research Assistant and Team Member

6. CONFERENCES AND TRAININGS

No.	TITLE OF THE CONFERENCES / TRAINING	DATE	TRAINING VENUE	ORGANIZE BY SPEAKER / TRAINER
1.	2017 International Conference on New Energy and Future Energy System (NEFES 2017) <i>-First author</i>	2017	Kunming, China	Yunnan Normal University.
2.	4th Conference on Emerging Energy and Process Technology (CONCEPT 2015) <i>-First author, presenter</i>	2015	Malacca, Malaysia	Centre of Hydrogen Energy of Institute of Future Energy, Universiti Teknologi Malaysia
3.	Smart Energy Grid Engineering (SEGE), IEEE International Conference <i>-First author</i>	2015	Ontario, Canada	University of Ontario Institute of Technology (UOIT) Oshawa



CURRICULUM VITAE

4.	2nd International Conference on Sustainable Energy Engineering and Application (ICSEEA) <i>-First author</i>	2014	Jakarta, Indonesia	Research Center for Electrical Power and Mechatronics, Indonesian Institute of Sciences
5.	IEEE Conference on Energy Conversion (CENCON) <i>-First author, presenter</i>	2014	Johor Bahru, Malaysia	Faculty of Electrical Engineering, Universiti Teknologi Malaysia.
6.	Outcome Based Education	2020	Johor Bahru, Malaysia	Prof. Leong Loong Kong SUC
7.	Pedagogy	2020	Johor Bahru, Malaysia	Marsha Lavania Manivannan SUC
8.	Accountability Class	2019	Shah Alam, Malaysia	Plus Solar Systems
9.	Workshop on Malaysian Standards: Recommendation for Small Renewable Energy & Hybrid Systems for Rural Electrification – Phase 1	2015	Shah Alam, Malaysia	Jabatan Standard Malaysia
10.	Short Course on Green Energy Technologies - Short Course on Resilient and High Performance Micro Energy Grid	2014	Putrajaya, Malaysia	CEES UTM
11.	UHW 6023 Seminar 2013	2013	UTM	UTM
12.	IEEE Technical Workshop on Implementing Issues of Green Technologies	2013	Cyberjaya, Malaysia	CEES UTM
13.	Team Member of UTM Eco-Home project	2014	UTM	CEES UTM
14.	AutoCAD 2012 Certified Associate	2012	UTM	FKE UTM
15.	ISO 9001:2008 Quality Management System Requirement	2012	UTM	UTM
16.	Workshop on Student-Supervisor Relationship	2012	UTM	UTM
17.	Occupational Safety and Health Awareness	2012	UTM	UTM



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18.	Test of English Communication Skills (TECS)	2012	UTM	UTM
19.	How to Get Yourself Employed	2012	UTM	UTM
20.	How to Manage Your Personal Finance	2012	UTM	UTM
21.	How to Manage Stress and Keep Motivation High	2012	UTM	UTM
22.	5S leadership	2012	UTM	UTM
23.	CIDB Green Card	2011	CIDB	CIDB

7. RESEARCH AND PUBLICATION

RESEARCH / PUBLICATION / JOURNALS / BOOKS / OTHER

Journal with Impact Factor

1. **Nordin, N. D.** and Rahman H. A., (2019). Comparison of Optimum Design, Sizing, and Economic Analysis of Standalone Photovoltaic/Battery without and with Hydrogen Production Systems. *Renewable Energy*, 141, 107-123. <https://doi.org/10.1016/j.renene.2019.03.090> (**Q1, IF: 1.847**)
2. **Nordin, N. D.** and Rahman H. A., (2016). A Novel Optimization Method for Designing Stand Alone Photovoltaic System. *Renewable Energy*, 89, 706-715. <https://doi.org/10.1016/j.renene.2015.12.001> (**Q1, IF: 1.661**)

Indexed Journal

1. Rahman H. A. and **Nordin, N. D.**, (2016). Optimal Sizing of Decentralized Photovoltaic Generation and Energy Storage Units for Malaysia Residential Household Using Iterative Method. In *MATEC Web of Conferences* 70, 10005. <https://doi.org/10.1051/mateconf/20167010005> (**Indexed by SCOPUS**)

Non-indexed Journal

1. **Nordin, N. D.** and Rahman H. A., (2018). An Economic Analysis of Small Scale Stand Alone Photovoltaic System with Hydrogen Storage System. *Journal of Energy and Safety Technology (JEST)*, 1 (1), 07-17. <https://jest.utm.my/index.php/jest/article/view/3/2>
2. **Nordin, N. D.** and Rahman H. A., (2015). Assessment of Conventional and Improved SAPV Sizing Methods Using Statistical Indicator, *International Journal of Innovative Science, Engineering & Technology (IJSET)*, 2 (2), 472 – 477. http://ijiset.com/vol2/v2s2/IJSET_V2_I2_68.pdf



CURRICULUM VITAE

Indexed Conference Proceedings

1. **Nordin, N. D.** and Rahman H. A., (2014). Design and economic analysis in stand alone photovoltaic system. In *2014 IEEE Conference on Energy Conversion (CENCON)* (pp. 152-157). IEEE. <https://doi.org/10.1109/CENCON.2014.6967493> (**Indexed by SCOPUS**)
2. **Nordin, N. D.** and Rahman H. A., (2015). Pre-Installation Design Simulation Tool for Grid-Connected Photovoltaic System Using Iterative Methods, *Energy Procedia*, 68, 68-76. <https://doi.org/10.1016/j.egypro.2015.03.234> (**Indexed by SCOPUS**)
3. **Nordin, N. D.** and Rahman H. A., (2015). An Optimization Method for Designing Stand Alone Photovoltaic System Using Iterative Method, In *2015 IEEE International Conference on Smart Energy Grid Engineering (SEGE)* (pp. 1-6). IEEE. <https://doi.org/10.1109/SEGE.2015.7324586> (**Indexed by SCOPUS**)
4. **Nordin, N. D.** and Rahman H. A., (2017). Sizing and Economic Analysis of Stand Alone Photovoltaic System with Hydrogen Storage. In *IOP Conference Series: Earth and Environmental Science* (Vol. 93, No. 1, p. 012068). IOP Publishing. <https://iopscience.iop.org/article/10.1088/1755-1315/93/1/012068/pdf> (**Indexed by SCOPUS**)

8. OTHER ADDITIONAL ADMINISTRATIVE RESPONSIBILITIES

No.	POSITION (APPOINTMENT)	FACULTY / DIVISION / DEPARTMENT	START DATE – END DATE
1.	N/A		

9. OTHER RELEVANT INFORMATION

Copyright

1. Pre-Installation Design for Grid-Connection Photovoltaic System (PID-GCPV) (2014). (Reference Number: IP/CP/2014/4769)
2. Optimization Tool for Stand Alone Photovoltaic-Battery System and Stand Alone Photovoltaic-Battery-Hydrogen Production System (2018). (Reference Number: IP/CR/2018/0618)