

UNIVERSITI TEKNIKAL MALAYSIA MELAKA

Kurikulum Vitae
Curriculum Vitae

I. Maklumat Peribadi:
Personal Particulars

Nama: **ATIKAH BINTI RAZI**
Name:

No. Kad Pengenalan: **880520-23-5304** **Fakulti/Pusat:** **FKE**
IC No.: ***Faculty/Centre***

Jawatan : **PENSYARAH** ***Tetap / Sementara/Kontrak*** **TETAP**
Current Position: ***(Permenant/temporary)***

Gred Kumpulan: **DS 45** **Tarikh Pengemaskinian CV :** **Mei 2016**
Gred position Date of CV updated:

II. A. Kelulusan Akademik dan Profesional (Sila senaraikan semua kelulusan akademik bermula daripada Ijazah Sarjana Muda mengikut susunan kronologi**)**
Academic and Professional Qualifications *(Please list all academic qualifications, from your first degree in chronological order)*

Tahun *Year*	Kelulusan *Degree*	Pengkhususan *Discipline*	Universiti *University*
2013	**MASTER OF ENGINEERING**	**INDUSTRIAL ELECTRONIC & CONTROL**	**UNIVERSITY OF MALAYA**
2010	**BACHELOR OF ENGINEERING**	**ELECTRICAL**	**UNIVERSITYI TEKNOLOGI MALAYSIA**

B. Tajuk tesis pascasiswazah (Sila senaraikan tajuk tesis bermula daripada peringkat Sarjana mengikut susunan kronologi)
Titles of postgraduate thesis written (Please list all thesis written, from your Master Degree in chronological order)

1. A Study of Hot Carrier Degradation in LDMOS Transistor.

III. Bidang Penyelidikan *Utama* (Sila senaraikan tiga sahaja)
Main Areas of Research Interest *(Please list a maximum of three)*

1. Power Electronics & Drives

2. Multilevel Inverters

IV. Projek Penyelidikan Yang dilaksanakan *(Sila tulis tajuk, projek yang telah atau sedang dijalankan)*
Completed/On-going research project *(Please write the title or past or current project)*

1. ***Principle, FRGS/1/2014/TK03/FKE/03/F00225 (RM 116,500),*** *"A New Formulation of Switching Algorithm for Reliable Neutral-Point Potential Balancing and High-Efficiency Multilevel Inverters." June 2014 – Dec 2016.*
2. ***Principal, PJP/2013/FKE(2B)/S01132 (RM18,000),*** *"A Neutral-Point Potential Balancing and High-Efficiency Control Strategy using Space vector Modulation for 3-Level Inverters," June 2013 – July 2015.*
3. ***Co-Researcher, PJP/2013/FKE(30B)/S01272 (RM 18,000),*** *"Development of Portable Electrical Moulding Device for Samperit and Tart Cookies," October 2013.*

V. Senarai Anugerah Penyelidikan / Pameran / Inovasi yang diperolehi
List of awards of Research / exhibition & Innovation gained

Bil	Tajuk Projek	Anugerah *(Emas, Perak, Gangsa)*
1.	Pro-Sine Inverter	Gangsa, MTE 2014, PWTC Kuala Lumpur
2.	Pro-Sine Inverter	Emas, UTeMEX 2013, UTeM Melaka.
3.	I - Drive	Emas, UTeMEX 2013, UTeM Melaka.

VI. Bilangan penerbitan dalam Jurnal Berimpak
Number of publication in high index journals

Bil	Nombor Rujukan
1.	Simple Switching Strategy For High-Torque Control Performance Utilizing Neutral Point Clamped Multilevel Inverter (IJPEDS 2013)

VII. Senarai Penyeliaan Pelajar PascaSiswazah *(Sila senaraikan nama pelajar, tajuk dan peringkat pengajian semenjak 2008)*
Supervisor for postgraduate students since 2008 *(Please list their names, project title and status)*

Bil	Nama Pelajar	Durasi *(mula – akhir)*
1.	Nor Faezah Binti Alias (Master)	Nov 2013 – Nov 2014
2.	Sundram A/L Ramahlingam	Sept 2015 – June 2016

VIII. SENARAI UTAMA PENERBITAN *(penerbitan jurnal/prosiding/buku sejak 2008)*
List of Major Publication *(Please list publication since 2008)*

Bil.	Tajuk Kertas	Penulis	Tahun	Nama Journal/ Conference
1	A Simple Potential Balancing Strategy For Neutral- Point-Clamped Inverter Fed Direct Torque Control Induction Machines.	N. Faezah Alias, Auzani Jidin, Huzainirah Ismail, R.N. Firdaus, M. Khairi Rahim, Atikah Razi, Wahidah	2015	IEEE PEDS 2015, Sydney Australia
2	Simple Switching Strategy For High-Torque Control Performance Utilizing Neutral Point Clamped Multilevel Inverter.	Nf Alias, A Jidin, A Razi, T Sutikno, H Ismail	2013	IJPEDS
3	Improved Torque Control Performances Using Torque Error Modulator For Multilevel Inverter Based Dtc Induction Motors.	Sundram A/L Ramahlingam, Auzani Bin Jidin, Azrita Binti Alias, Logan Raj Lourdes Victor Raj, Atikah Razi	2015	IEEE CENCON 2015
4	Improve Torque Control Performance Of 3-Phase Dtc Constant Switching Method Using Optimal Pi Parameter Tuning Strategy.	R. Sundram, Auzani Bin Jidin, Atikah Binti Razi, M. Khairi Rahim, Huzainirah Ismail,Yusnida Tarmizi	2015	IEEE SCORED 2015
5	Reduced Torque Ripple And Switching Frequency Using Optimal Dtc Switching Strategy For Open- End Winding Of Induction Machines.	M. Khairi Rahim, Fazlli Patkar, Auzani Jidin, M. Z. R. Z. Ahmadi, R.N. Firdaus, Wahidah Abd. Halim, Atikah Razi	2015	IEEE PEDS 2015, Sydney Australia
6	Direct Torque Control Of Induction Machine Using 3-Level Neutral Point Clamped Inverter.	Huzainirah Ismail, Fazlli Patkar, Auzani Jidin, R. Sundram, M. Khairi Rahim, Yusnida Tarmizi, Atikah Razi	2015	IEEE SCORED 2015

Bil.	Tajuk Modul	Penulis	Tahun
1	Introduction to Analogue Electronics Module, Penerbit UTeM	Atikah Razi, Nur Asmiza, N ur Hidayah Rahim, Syahar Azalia Ab. Shukor, Nurliyana Baharin	2016
2	Guidelines for Implementation od Prodip & Logbook, Penerbit UTeM	Atikah Razi, Zul Hasrizal Bohari, Musa Yusup Lada, Shahrin Ab. Ghani, Loi Wei Sen.	2015
3	Fundamental Circuit Theory 2, Penerbit UTeM	Syed Najib, Syed Salim, Norhafiz Salim, Zaihasraf Zakaria, Hazriq Izzuan Jaafar, Atikah Razi	2011