

## CURRICULUM VITAE



### A. BUTIR-BUTIR PERIBADI *(Personal Details)*

Nama Penuh <i>(Full Name)</i>	Mohd Amrallah bin Mustafa		Gelaran <i>(Title)</i> : Dr.
No. MyKad / No. Pasport <i>(Mykad No. / Passport No.)</i> 770429-03-5945	Warganegara <i>(Citizenship)</i> Malaysian	Bangsa <i>(Race)</i> Malay	Jantina <i>(Gender)</i> Male
Jawatan <i>(Designation)</i>	Senior Lecturer	Tarikh Lahir <i>(Date of Birth)</i>	29 <sup>th</sup> April 1977

Alamat Semasa <i>(Current Address)</i>	Jabatan/Fakulti <i>(Department/Faculty)</i>	E-mel dan URL <i>(E-mail Address and URL)</i>
SDA	Department of Electrical and Electronic Engineering, Faculty of Engineering  Tel: +603 89464364 Fax: +603 89466327	E-mail: amrallah@upm.edu.my URL:  H/P: +60199147780

### B. KELAYAKAN AKADEMIK *(Academic Qualification)*

Nama Sijil / Kelayakan <i>(Certificate / Qualification obtained)</i>	Nama Sekolah Institusi <i>(Name of School / Institution)</i>	Tahun <i>(Year obtained)</i>	Bidang pengkhususan <i>(Area of Specialization)</i>
PhD.	Shizuoka University, Japan	2008 - 2013	Microelectronic (Nanovision)
Msc. in Electronic	Universiti Putra Malaysia	2004 - 2007	Automation & Control Engineering
B.Eng.	Universiti Putra Malaysia	1996 - 2000	Electrical & Electronic Engineering

### C. KEMAHIRAN BAHASA *(Language Proficiency)*

Bahasa / Language	Lemah <i>Poor (1)</i>	Sederhana <i>Moderate (2)</i>	Baik <i>Good (3)</i>	Amat Baik <i>Very good (4)</i>	Cemerlang <i>Excellent (5)</i>
English					
Bahasa Melayu					
Chinese					
Lain-lain <i>(other):(Japanese)</i>					

**D. PENGALAMAN SAINTIFIK DAN PENGKHUSUSAN***(Scientific experience and Specialisation)*

<i>Organization</i>	<i>Position</i>	<i>Start Date</i>	<i>End Date</i>	<i>Expertise</i>
IEEE CAS Malaysia	Executive Committee	Feb. 2015	Dec 2018	Circuit & System
UPM Robotic Club	Chief Advisors	Jan 2014	Now	Robotic
IEEE EDS Malaysia	Executive Committee	Jan 2016	Dec 2018	Electron Devices and System

**E. PEKERJAAN (Employment)**

<i>Majikan / Employer</i>	<i>Jawatan / Designation</i>	<i>Jabatan / Department</i>	<i>Tarikh lantikan / Start Date</i>	<i>Tarikh tamat / Date Ended</i>
UPM	Tutor/Assistance Lecturer	Department of Electrical & Electronic, UPM, Serdang, Selangor, Malaysia	2001	2013
UPM	Senior Lecturer	Department of Electrical & Electronic, UPM, Serdang, Selangor, Malaysia	2013	Now

**F. ANUGERAH DAN HADIAH (Honours and Awards)**

<i>Name of awards</i>	<i>Title</i>	<i>Award Authority</i>	<i>Award Type</i>	<i>Year</i>
<i>Academic Awards</i>	Excellent Services	UPM	UPM	2001,2005
<i>Non-Academic Awards</i>	MALAYSIA INTERNATIONAL ROBOT COMPETITION 2014 (MIROC)	UNIMAP & KEMENTERIAN PELAJARAN	SPECIAL AWARD	2014
<i>Awards of Merit</i>				

**G. SENARAI PENERBITAN (Sila masukan nama pengarang, tajuk, nama jurnal, jilid, muka surat dan tahun diterbitkan) (List of publications – author (s), title, journal, volume, page and year published)**

<i>Journal</i>	
	<ol style="list-style-type: none"> <li>1. Mohd.Khair Hassan, <b>Mohd Amrallah</b>, Norhayati Othman, A Comprehensive Matlab Based Gui For Modern Control And Electric Circuits Analysis. Journal of Industrial Technology, SIRIM Berhad.</li> <li>2. M.K. Hassan, <b>A. Mustaffa</b> and Norhayati, “A Comprehensive Gui with Matlab Based for Classical Control, Modern Control and Electric Circuit Analysis”, Published in Engineering Transactions, A Research Publication of Mahanakorn University of Technology, Thailand, No. 1(16), January-June 2004, ISSN 0859-9238, pp.57-75.</li> <li>3. <b>Mohd Amrallah bin Mustafa</b>, Shinya Itoh, Shoji Kawahito, “Reduction of Random Telegraph Signal (RTS) Noise in CMOS Image Sensors Using Histogram Analysis”, Journal of Automation, Mobile, Robotics &amp; Intelligent</li> </ol>

	<p>Systems (JAMRIS), Volume 3, N<sup>o</sup>4, pp 202-203, 2009.</p> <p>4. <b>Mohd Amrallah Mustafa</b>, Min-Woong Seo, Shoji Kawahito, Keita Yasutomi and Keiichiro Kagawa, "RTS Noise Reduction of CMOS Image Sensors Using Amplifier-Selection Pixels", IEICE Electronics Express, Vol. 10, No. 15, 1-7, 2013.</p>
<i>Conferences/Proceeding:</i>	<p>1. <b>M. A. Mustafa</b>, M.H. Marhaban, S.B. M Noor and A. R. Ramli. 2007. Hand Gesture Recognition using Artificial Neural Networks. World Engineering Congress 2007, 206-214, Penang, Malaysia.</p> <p>2. <b>M. A. Mustafa</b>, S. Itoh, S. Kawahito, "Reduction of Random Telegraph Signal (RTS) Noise in CMOS Image Sensors Using Histogram Analysis", Inter-Academia, Sept. 2009, Kazimierz, Poland.</p> <p>3. T. Iida, <b>M. A. Mustafa</b>, L. Zhuo, K. Yasutomi, S. Itoh, S. Kawahito, "A column parallel cyclic ADC with an embedded programmable gain amplifier for CMOS image sensors", 2010 International Conference on Solid State Devices and Materials (SSDM 2010), Sept. 2010, Tokyo, Japan.</p> <p>4. T. Iida, T. Akohari, <b>M. A. Mustafa</b>, K. Yasutomi, S. Kawahito, "The A/D converter for CMOS Image Sensor with Integrated Variable Gain Amplification", National Conference (Japanese Language) of Visual Information Media Society of Information Sensing (IST2010) July 2010, Osaka, Japan.</p> <p>5. <b>M. A. Mustafa</b>, M-W. Seo, K. Yasutomi, S. Kawahito, "Reduction of Temporal Noise in 0.18um CMOS Image Sensors Using Correlated Multiple Sampling (CMS)," The 13th Takayanagi Kenjiro Memorial Symposium, S3-9-1-4, Nov. 2011, Shizuoka, Japan.</p>

<b>H. PROJEK PENYELIDIKAN</b> ( <i>Research Project</i> )					
<i>Project No.</i>	<i>Project Title</i>	<i>Role</i>	<i>Year</i>	<i>Source of fund</i>	<i>Status</i>
UPM0009261	A Prototype of Robotic Hand Model for Grasping Mechanism of multi surface objects	Head of Project	2015	Science Fund	Applied
	Development of a High Efficiency Portable Solar Generator utilizing Optimum Solar Panel Orientation for Flood Evacuation Centre	Committee Member	2015	Prototype Research Grant Scheme, Malaysia Government	Finished
	Graphene Thin Films as Photo-Electrode For Dye Sensitized Solar Cell	Head of Project	2016	UPM Putra Grant	On-going

<b>I. PENYELIAAN PELAJAR</b> ( <i>Students Supervisions</i> )					
Type of Supervision	Name of Student	Level	Title of Research	Year Started	Year Graduated
Main Supervisor	Mohd Noor Hamizan bin M. Jeffri	Degree Student	Solar Car System (Controller System)	2013	2014
Main Supervisor	Sai Que Ken	Degree Student	Solar Car System	2013	2014
Main Supervisor	Mohd Shukri bin Wahab	Degree Student	A Design of Load Cell using MEM Technology	2013	2014
Main Supervisor	Mohd Asryulzaman bin Mahsuri	Degree Student	Extended to Solar Car System	2014	2015
Main Supervisor	Muhammad Arham bin Yusof	Degree Student	Extended to Solar Car System	2014	2015
Main Supervisor	Mohd Faizal bin Zulkeffali	Degree Student	Improvement of Performance in Putra Solar Car	2015	2016
Main Supervisor	Rifhan Narrissa binti Razali	Degree Student	Graphene Thin Film for DSSCs	2015	2016
Main Supervisor	Al Obaidi Mohammed Ramez Hadi	Master Student	Lamp Field Detection of Material Using Cop copter	2016	2018
Main Supervisor	Hussien Abdulsalam Ali	Master Student	Graphene and Zink Oxide as Photo-electrode for DSSCs	2016	2018

<b>J. PERKHIDMATAN PROFESSIONAL</b> ( <i>Professional Services</i> )			
Type	Name	Level	Year
Conference Reviewer	International Conference of Electrical & Electronic Technology (IEETech 2016)	International	2016
Conference Reviewer	International Conference on Intelligent & Advanced System (ICIAS 2016)	International	2016
Journal Reviewer	UPM Pertanian Journal	International	2016
Conference Reviewer	IEEE Region 10 Conference (TENCON) 2017	International	2017
Conference Reviewer	Malaysian Technical Universities Conference on Engineering and Technology (MUCET) 2017	International	2017
Conference Reviewer	Symposium on Advanced Materials and Nanotechnology (SAMN 2017)	International	2017
Conference Reviewer	IEEE Regional Symposium on Micro and Nanoelectronic (RSM) 2017	International	2017