

CURRICULUM VITAE



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

Nama Penuh <i>(Full Name)</i>	AZZURA BINTI ISMAIL		Gelaran <i>(Title)</i> :
No. MyKad / No. Pasport <i>(Mykad No. / Passport No.)</i> 760408-02-5060	Warganegara <i>(Citizenship)</i> MALAYSIAN	Bangsa <i>(Race)</i> MALAY	Jantina <i>(Gender)</i> Male FEMALE
Jawatan <i>(Designation)</i>	LECTURER	Tarikh Lahir <i>(Date of Birth)</i>	8 APRIL 1976

Alamat Semasa <i>(Current Address)</i>	Jabatan/Fakulti <i>(Department/Faculty)</i>	E-mel dan URL <i>(E-mail Address and URL)</i>
FACULTY OF MECHANICAL AND MANUFACTURING ENGINEERING, UNIVERSITI TUN HUSSEIN ONN MALAYSIA	MATERIALS AND DESIGN ENGINEERING	E-mail: azzura@uthm.edu.my

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>
Sarjana Sains	Universiti Sains Malaysia	2003	Materials Engineering
Sarjana Muda Kejuruteraan	Universiti Sains Malaysia	1999	Materials 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				√	

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

Organization	Position	Start Date	End Date	Expertise
Malaysian Tribology Society	Member <i>(L0713)</i>	2012	2017	Wear and Material Degradation
National Association of Corrosion Engineers (NACE)	Member	2008	-	Corrosion and inhibitor
Board of Engineers Malaysia (BEM)	Member	2014	-	Material
CORROSION Society	Member	2011	-	Pitting Corrosion

E. PEKERJAAN (Employment)				
Majikan / Employer	Jawatan / Designation	Jabatan / Department	Tarikh lantikan / Start Date	Tarikh tamat / Date Ended
Universiti Tun Hussein Onn Malaysia	Lecturer	Materials and Design Engineering	Ogos 2003	-

F. ANUGERAH DAN HADIAH (Honours and Awards)				
Name of awards	Title	Award Authority	Award Type	Year
Academic Awards				
Non-Academic Awards				
Awards of Merit				

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"> 1. Corrosion Behavior Of Austenitic Stainless Steel In High Sulphate Content, <i>Advanced Materials Research</i> Vol. 893 (2014) pp 397-401 2. Effect Of Temperature And Salinity On The Localized Corrosion Of Stainless Steel 316L, <i>International Conference on Mechanical and Manufacturing Engineering (ICME2013)</i>, Dec 17-19, 2013 Equatorial Bangi Malaysia 3. Corrosion Behavior of WC-Co and WC-Ni in 3.5% NaCl at Increasing Temperature, <i>International Conference on Mechanical and Manufacturing Engineering (ICME2013)</i>, Dec 17-19, 2013 Equatorial Bangi Malaysia 4. Potassium Bromide as Space Holder for Titanium Foam Preparation, <i>International Conference on Mechanical and Manufacturing Engineering (ICME2013)</i>, Dec 17-19, 2013 Equatorial Bangi Malaysia 5. Effect Of Anions In Seawater To Corrosion Attack On Passive Alloys. <i>International Journal of Research in Engineering and Technolog (IJRET)</i>, Volume-02 Issue-12, 2013,p733-737 6. Effect of Oxygen Concentration on Corrosion Rate of Carbon Steel in Seawater. <i>American Journal of Engineering Research (AJER)</i>. Volume-03 Issue-01, 2014,p64-67. 7. Corrosion Behavior of WC-Co in High Sulphate Content, <i>Advanced Materials Research (ISSN:1022-6680)</i> Vol. 911 (2014) pp 82-86. 8. Corrosion Behavior of 25Cr duplex in High Sulphate Content, <i>International Symposium on Corrosion & Materials Degradation 2014</i>.
<i>Chapter in book</i>	
<i>Proceedings</i>	<ol style="list-style-type: none"> 1. Corrosion behavior of cermets alloy in seawater, <i>SINOCorr Organised by NACE</i>, Beijing China, May 2014 2. Carbon steel to be used in seawater: The corrosion mechanism, <i>Corrosion Science Symposium</i>, Manchester, 2010 3. Influenced of Ni3Al in HAP, <i>PSU-UNS International Conference on Engineering and Environment - ICEE-2007</i>, Phuket May10-11, 2007 Prince of Songkla University, Faculty of Engineering Hat Yai, Songkhla, Thailand). 4. Porous HAP: The characteristic, <i>BATAM and BPPT 2007 Conference</i>, Indonesia, September 2007
<i>Other publications</i>	<p>Monthly report to Aker Solutions, Howe Moss Avenue, Kirkhill Industrial Estate, Dyce Aberdeen, Scotland, Seawater as hydraulic fluid : <i>Corrosion mechanism and control</i> 2007-2011. (Collaboration for PhD research)</p> <p>Annual report to Baker Petrolite, Liverpool, UK, : <i>The corrosion performance of CRW 8500 and CRW 89000 Hydraulic fluid as green inhibitor to corrosion control in well head valve</i>, 2008-2011</p> <p>Postgraduate day University of Leeds, <i>Seawater; A New Approach as Hydraulic Fluid</i></p>

H. PROJEK PENYELIDIKAN TERDAHULU (Past Research Project)					
<i>Project No.</i>	<i>Project Title</i>	<i>Role</i>	<i>Year</i>	<i>Source of fund</i>	<i>Status</i>
0159	Synthesis of Hydroxyapatite (HAP) using sol-gel and Precipitation Method	Member	2005	Short term grant	Completed
1247	Influence of Tin (Stanum) On Microstructure and Mechanical Behaviour of Direct Recycled Aluminum Alloy	Member	2012	Short term grant	In progress
E026	The Effect Of Aqueous Enviroment In Abrasion-Corrosion Of Coating And Thin Film	Member	2013	ERGS	In progress
E028	An Investigation Of Stainless Steel (SS316L) And Cobalt Chromium (Cocr) Foam For Orthopaedics Application By Using Powder Metallurgy Routes	Member	2013	ERGS	In progress
R028	A New Correlation of Pressure Drop in a Shell-Side of a Shell in Heat Exchanger: A Numerical And Experimental Study	Member	30/6/2015	Dana Pembudayaan Penyelidikan (RAGS)	On going