



STAFF NO. : 1:262

DEPARTMENT OF MECHANICAL ENGINEERING

NAME : ZAMRI BIN YUSOFF

IC NO : 640302-03-5619

DESIGNATION : LECTURER PPPT DH48

CONTACT DETAILS

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Politeknik Kota Bharu, Km 24 Kok Lanas, 16450 Ketereh, Kelantan
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PERSONAL PARTICULARS

Date of Birth : 02.03.1964
Nationality : Malaysian
Marital Status : Married
Permanent Residence : Lot 35, Bel. Sek. Keb. Kubang Golok, Perupok, 16300 Bachok, Kelantan.

ACADEMIC QUALIFICATIONS

Qualification : Doctor of Philosophy (PhD)
Field of Study : Material Engineering
Major : Metal Matrix Composite/Powder Metallurgy/Wear Behaviour
Institute/University : Universiti Malaysia Perlis
Graduation Date : 2012

Qualification : Master of Science (M.Sc)
Field of Study : Material Engineering
Major : Metal matrix Composite/Corrosion
Institute/University : Universiti Malaysia Perlis
Graduation Date : 2007

Qualification : Bachelor of Mechanical Engineering [B. Mech. Eng.(Hons.)]
 Field of Study : Mechanical
 Major : Pure Mechanical
 Institute/University : Universiti Teknologi Malaysia
 Graduation Date : 1988

Qualification : Diploma in Education
 Field of Study : Engineering Education
 Major : Engineering education
 Institute/University : Universiti Teknologi Malaysia
 Graduation Date : 1992

Qualification : Diploma in Polymer Engineering
 Field of Study : Termoplastic/Termoset
 Major : Polymer Processing
 Institute/University : Trowbridge College, United Kingdom.
 Graduation Date : 1997

Qualification : Certificate in Advanced Welding
 Field of Study : TIG and MIG
 Major : Welding of Aluminium and Steel
 Institute/University : Universiti Kuala Lumpur (UniKL)
 Graduation Date : 2005

WORK EXPERIENCE

Organisation	Position Title	Duration	Work Description:
Universiti Kebangsaan Malaysia	Research Asistant	1988-1991	Assist the researcher under IRPA research Grant on topic "Thermoplastic natural Rubber"
Kota Bharu Polytechnic	Lecturer	1992 – 2004	<p>Courses Taught Teknologi Logam dan Bahan</p> <p>Kawalan</p> <p>Bengkel Kejuruteraan</p> <p>Programs Sijil jentera Am Sijil teknologi Pembuatan</p>
Tuanku Syed Sirajuddin Perlis Polytechnic	Student Affair Officer	2004- 2011	Planning, implemeting dan monitoring student affair activities suc as Dicipline of students, Student representatives, Minggu Suai Kenal, and personal affair of student as well as counselling and carrier.
Kota Bharu Polytechnic	Lecturer	2011 – present	<p>Courses Taught :</p> <ul style="list-style-type: none"> - Maintenance management - Engineering Laboratory 3 - Engineering Workshop 4 <p>Programs – Diploma in Mechanical Engineering</p>

Work Description:

Academic Responsibilities:

As Mechanical Lecturer (Mechanical Dept.)

- Responsible for overall tutorial and teaching methods for mechanical subject involved, prepared teaching method for each semester intake.
- Reporting to the department leaders on status, outstanding works and others problem of student face.
- Prepare standard of teaching methods by following government and international standard. (ISO standard)
- Prepare report regarding workshop that include additional responsible.
- Attended every course, training involved with engineering skilled.
- Prepare a paper work for marking system/format for workshop @ Labs.
- Planning, implemeting dan monitoring teaching and learning of all courses taught.
- Producing, editing and reviewing teaching material.
- Assessing students' academic progress – tests, quizzes, assignments and final exam.
- Academic Adviser – providing guidance and advice to students.

Non-academic Responsibilities;

- Co-ordinator for research and development, inovation and final project.
- Committee board in Minggu Suai Kenal (MSKJun2011)
- Committee in Konvokesyen 2013
- Co-ordinator for Research methdology Workshop JKM
- Co-ordinator for SPSS training Workshop 2013-Level 1 JKM
- Co-ordinator for publication at JKM
- Co-ordinator for research activities including application of fund from PRGS and FRGS at JKM
- Panel of Judge for conferences in PKB

SKILLS / STRENGTHS

- Proficient in spoken and written Malay and English.
- Able to teach students in Mechanical and Material Engineering.
- Able to do research activity and writing technical report and journal.
- Able to conduct the Statistical Data Analysis by using SPSS
- Able to do supervision for master and PhD student

CONFERENCES AND TRAINING

Telah menghadiri Kursus CAD CAM pada 14-17 Januari 2013 di Bengkel CNC, PKB anjuran JKM/ULPL, PKB

Telah menghadiri Kursus CPCM bertajuk "Inovasi dan ICT dalam P&P (CPCM E/1) pada 10-13 Jun 2013 bertempat Bilik GCL2 Politeknik Kota Bharu, Kelantan anjuran BLPK/JPP/KPT.

Telah menghadiri Bengkel Hari Kesedaran Harta Intelek pada 20/6/2013 bertempat Bilik Seminar 2, ULPL anjuran ULPL, PKB

RESEARCH & PUBLICATIONS

She Husna Azhari, Zamri Yusoff and Jaafar Sahari (1992). *Preliminary Studies on the Morphology of Natural Rubber Polypropylene Blends using Scanning Electron Microscopy*. Jurnal kejuruteraan (4), pp. 25-34. ISSN0128-0198 (http://myais.fsktm.um.edu.my/view/people/zamri_yusoff,_.html)

Zamri Yusoff, Shamsul baharin Jamaludin and Khairul Rafezi Ahmad (2006). *Comparative Study of the Corrosion Behaviour of AA2014/15 vol. % Al₂O₃p and AA2009/20 vol. % SiCw After Artificial Ageing*.

- f. B. Zamri, J. B. Shamsul and K. R. Ahmad (2006). *The Use of SEM and XRD to Evaluate the microstructure and Corrosion Products in AA2014/15 vol. % Al₂O₃p and AA2009/20 vol. % SiCw*. In proceeding of The 15th Scientific Conference in Collaboration with 16th Annual General Meeting of Electron Microscopy Society of Malaysia. P.S. 2b4- ISBN-983-2888-41-7.
- Zamri Yusoff, Shamsul baharin Jamaludin and Khairul Rafezi Ahmad (2006). *Characterization of the Electrochemical Event at Corrosion Site on MMCs by XRD and EDS*. In Proceeding of International Conference on X-Rays and Related Technologies in Research and Industry. ISBN-983-3391-90-7.
- f. B. Zamri, J. B. Shamsul and K. R. Ahmad (2006). *Hardness and Resistivity Studies of AMCs after Artificial Ageing*. In proceeding of National Metallurgy Conference 2006. pp. 126-127.
- f. B. Zamri, J. B. Shamsul and K. R. Ahmad (2006). *Corrosion Behaviour of AA2014/15 vol. % Al₂O₃p and AA2009/20 vol. % SiCw in Salt Spray Test*. In proceeding of National Metallurgy Conference 2006. pp. 123-125.
- f. B. Zamri, J. B. Shamsul and K. R. Ahmad (2006). *Overview of Processing, Properties and Application on Aluminium Matrix Composites*. In proceeding of National Metallurgy Conference 2006. pp. 130-131.
- f. B. Zamri, J. B. Shamsul and K. R. Ahmad (2006). *Corrosion of Aluminium Matrix Composites*. In proceeding of National Metallurgy Conference 2006. pp. 128-129.
- Zamri Yusoff, Shamsul baharin Jamaludin and Khairul Rafezi Ahmad (2006). *The Effects of Ageing Condition on the Microstructure and Hardness of Al2009/SiCw and Al2014/Al₂O₃p*. In Journal of Solid State Science and Technology Letters, vol. 13. No. 2 (suppl.) 2006. pp.165.
- S. B. Jamaludin, Z. Yusoff, K.R. Ahmad (2008). *Comparative study of corrosion of AA2014/15 vol% Al₂O₃p and AA2009/20 vol% SiCw*. Portugaliae Electrochimica Acta, vol. 26, pp. 291-301.
- Zamri Yusoff, Mohamad Ruslan Zai, Mohd Aiman, Mohd Syaiful, Mohd Syamil and Mohamad Khairul Rizuan (2009). *PTSS Testing Equipment Status Analysis at Mechanical Engineering Department for Fundamental Research Works of Material Engineering Field*, in proceeding of Seminar Penyelidikan Pendidikan Zon 1, POLIMAS. pp. 105-111.
- Zamri Yusoff, Shamsul baharin Jamaludin and Khairul Rafezi Ahmad (2009), *Microstructure Evaluation on an Al2009 Reinforced with SiC whiskers and Al 2014 Reinforced with Al₂O₃p particles*. PTSS Digest. pp. 45-62. ISSN 2180-2173.
- Zamri Yusoff, Shamsul baharin Jamaludin and Khairul Rafezi Ahmad (2009), *The Use of SEM and XRD to Evaluate the microstructure and Corrosion Products in AA2014/15 vol. % Al₂O₃p and AA2009/20 vol. % SiCw*. PTSS Digest. pp. 63-72. ISSN 2180-2173.
- Zamri Yusoff, Shamsul baharin Jamaludin and Misbahul Amin (2009), *A Feasibility Study on Palm Shell Activated carbon as a Reinforcement in a Aluminium Matrix Composite Fabricated via Conventional Powder Metallurgy*. PTSS Digest. pp. 73-85. ISSN 2180-2173.
- Zamri Yusoff, Shamsul baharin Jamaludin and Misbahul Amin (2010), *Correlation and Contribution of Synergic Factors on Abrasive Wear Behaviour of Slag/Aluminium Composite using Statistical analysis*. In the proceeding of The 1st Regional Conference on Applied and Engineering Mathematics 2010, Lim Eng Aik, Qamar Nasir Usmani and Muhamad Nasaruddin (Eds.). Vol. 1, No. 28, pp. 168-171.
- Zamri Yusoff, Shamsul baharin Jamaludin and Misbahul Amin (2010), *A Developing a Mathematical Model to Evaluate Wear Coefficient of Aluminium/Slag Powder Metallurgy Composites*. In the proceeding of The 1st Regional Conference on Applied and Engineering Mathematics 2010, Lim Eng Aik, Qamar Nasir Usmani and Muhamad Nasaruddin (Eds.). Vol. 4, No. 12, pp. 413-418.
- Zamri Yusoff, Shamsul baharin Jamaludin and Misbahul Amin (2010), *Two-body Abrasive Wear of Slag Reinforced Aluminium Matrix Composites*, in proceedings of Malaysian Technical Universities Conference on Engineering and Technology 2010. pp. 163-166. ISBN 978-983-2948-77-3.
- Zamri Yusoff and Shamsul baharin Jamaludin (2010), *An Examination Of The Evidence Of Wear In The Wearing Process Of Aluminium Reinforced With Slag Particles Using SEM*, in proceedings of International Postgraduate Conference on Engineering (IPCE) 2010.

- Zamri Yusoff and Baharin Jamaludin (2010), *Tribology and Wear Theory of Aluminium Composites: Review and Discussion*, in proceedings of International Postgraduate Conference on Engineering (IPCE) 2010.
- Zamri Yusoff, Shamsul Baharin Jamaludin, Misbahul Amin, and Nur Hidayah Ahmad Zaidi (2010), *Sliding Wear Properties of Hybrid Aluminium Composite Reinforced By Particles of Palm Shell Activated Carbon and Slag*, in Journal of Science and Technology, UTHM. Volume 2, No. 1, August 2010, pp. 79-96. ISSN: 1985-8809
- Zamri Yusoff and Shamsul Baharin Jamaludin (2011), *Tribology and Development of Wear Theory: Review and Discussion*, in International Journal of Current Research and Review, Vol. 03, Issue 02, Feb 2011. pp 13-26. ISSN: 0975-5241
<http://www.ijcrr.com/journals/vol%203%20issue%202.pdf>
- Zamri Yusoff and Shamsul Baharin Jamaludin (2011), *Wear Behaviour of Palm Shell Activated Carbon and Slag Reinforced Aluminium Matrix Composite Fabricated Via Conventional Powder Metallurgy*, in proceeding of 1st Sustainable Engineering Research Colloquium (SERC): Structural Materials Group and Electronic Materials Group.
- Y. B. Zamri, J. B. Shamsul, M. M. Amin (2011). *Potential of Palm Oil Clinker as Reinforcement in Aluminium Matrix Composite for Tribological Application*. International Journal of Mechanical and Materials Engineering (ISSN 1823-0334) Indexed by Scopus, 6, No 1
<http://ejum.fsktm.um.edu.my/ArticleInformation.aspx?ArticleID=1035>
- Y. Zamri, J. B. Shamsul (2011). *Physical properties and wear behaviour of aluminium matrix composite reinforced with palm shell activated carbon (PSAC)*. Kovove Mater., 49, pp. 1-9. <http://www.kovmat.sav.sk/abstract.php?rr=49&cc=4&ss=287>
- Zamri Yusoff (2010). *An overview of the wear behaviour of SiC-reinforced and Al₂O₃ reinforced aluminium matrix composite: A comparative study*. PTSS Digest 2010. pp. 119-131. ISSN 2180-2173.
- Zamri Yusoff (2010). *The roles of graphite in controlling wear behaviour of graphite reinforced aluminium composite and hybrid composite: An overview*. PTSS Digest 2010. pp. 132-143. ISSN 2180-2173.
- Y. Zamri and J. B. Shamsul (2011). *Analysis of worn surfaces of palm shell activated carbon (PSAC) reinforced aluminium matrix composite*. Engineering e-Transaction. Vol. 6, No.2, pp.164-168. ISSN 1823-6379.
- Zamri Yusoff and Shamsul Baharin Jamaludin (2011). *The influence of particle size and compaction pressure on surface hardness of aluminium composite fabricated via powder metallurgy*. Australian Journal of Basic and Applied Sciences. Vol.5, issue 11, pp. 133-140.
- Zamri Yusoff and Shamsul Baharin Jamaludin (2011). *Analysis of worn surfaces of palm shell activated carbon (PSAC) reinforced aluminium matrix composite*. in proceeding of Regional Tribology Conference, Bayview Hotel langkawi Island, Malaysia. Edited by M.A Maleque and A.A. Adebisi. pp. 252-257. ISBN 978-967-5878-47-3
- Zamri Yusoff (2011). *Fabrication and Characterization of Aluminium matrix Composite via Conventional Powder Metallurgy*. RnD DoMe, Politeknik Kota Bharu, Kelantan. Vol. 1, No. 2, pp. 80-87. ISSN 2180-2238.
- Zamri Yusoff (2012). *The Physical and Wear properties of Hybrid Biomass By-product Particulates Reinforced Aluminium matrix composite*. 8th International Conference on Marine Technology (MARTEC2012), Universiti Malaysia Terengganu. pp. 72.
- Z. Yusoff, S. B. Jamaludin and M. Mohd Noor (2012). *Physical Properties and Microstructures of Green Aluminium Matrix Composite*. The 8th Asian-Australian Conference on Composite Materials (ACCM8), Kuala Lumpur Convention Centre, Malaysia. pp. 225.
- M. N. Mazlee, J. B. Shamsul and Y. Zamri (2012). *Fabrication and Dynamic Mechanical Properties of A357-Stainless Steel Composites*. The 8th Asian-Australian Conference on Composite Materials (ACCM8), Kuala Lumpur Convention Centre, Malaysia. pp. 305.

CONSULTANCY WORK

EDITORIAL BOARD

1. Editorial Member, PTSS Digest.2009.
2. Editorial Member, PTSS Digest.2010.
3. Editorial Member, Journal Penyelidikan@pkb. 2011.
4. Editorial Member, RnD DoMe. Vol. 1, No. 2, 2011.
5. Editorial Member, RnD DoMe. Vol. 1, No. 1, 2012.
6. Author Member of the book, Preparing Project proposal, ISBN:978-983-3442-32-4
7. Chief Editor, RnD DoMe. Vol. 1, No. 2, 2012
8. Chief Editor, RnD DoMe. Vol. 1, No. 1, 2013

PROFESSIONAL BODY

- Board of Engineer Malaysia
- The Minerals, Metals & materials Society

SPECIAL ACHIEVEMENTS / AWARDS

- Accustomed with application software such as windows up-to date, experts in power point presentations, Microsoft excel, Auto Cad Software, SPSS, Adobe Photoshop, Internet Explorer, etc.
- <http://mindmap.crazenut.org>
- <http://text2mindmap.com>
- <http://www.pixclip.net>
- <http://www.techsmith.com/jing.html>
- <http://www.screenr.com>
- <http://wordle.net>
- <http://www.edmodo.com>
- <http://goo.gl/lf907>
- <http://goo.gl/weq11>
- <http://goo.gl/lf907>
- <http://goo.gl/f3xg3>
- <http://goo.gl/5eExz>
- <http://padlet.com/wall/6dsoetzbz3>.
- <http://quizlet.com>
- www.flipsnack.com/my.flipping.books/details
- www.google.com/drive
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setup_hotpotatoes_6305.exe



iview423_setup.exe

COMMUNITY SERVICE

Year 2012

As a judge at The 8th Asian-Australian Conference on Composite Materials (ACCM8), Kuala Lumpur Convention Centre, Kuala Lumpur on 6-8 Nov 2012 organized by Asian-Australian Composite Materials .

As a panel at The Seminar Pengajian Kolej Komuniti peringkat Zon Timur 2012 on 29 April 2012 organized by Kolej Komuniti Pasir Mas

As a panel at the Seminar Memperkasa Institusi Pengajian Tinggi Kolej Komuniti dan Politeknik Peringkat Negeri Kelantan on 17 December 2012 organized by Kolej Komuniti Kok Lanas

Design a Portable Water tank for TBDE SDN BHD, Tok bali, Semerak, Pasir Putih Kelantan on 4 Jun 2012 till 30 August 2012

As analyzer for up and down slip of boat at TBDE SDN BHD dock on 4 Jun 2012 till 30 August 2012

As Organizing Committee of Bengkel Penulisan Akademik 1/2012 JKM sesi Dis 2012 on 13-15 mac 2012 organized by ULPL, PKB.

Deliver a lecture on research methodology and technical writing in Bengkel Penulisan Akademik 1/2012 JKM sesi Dis 2012 on 13-15 mac 2012 organized by ULPL, PKB.

As a panel at The Bengkel Penulisan Akademik 1/2012 JKM sesi Dis 2012 on 13-15 mac 2012 organized by ULPL, PKB.

Deliver a lecture on “Pemantapan Jati Diri” in Kursus Pemantapan Kendiri & Integriti Dalam Perkhidmatan Awam on 25-26 September 2012 organized by department of General Education with ULPL, PKB.

Year 2013

Contribute to the program as participant in Workshop on Mentoring Researcher: Writing High Quality Research Proposal on 25-26 February 2013 organized by AKEPT and KPT at AKEPT Campus, Nilai, NS

Deliver a lecture on technical writing method in “Kursus Penulisan & Pembentangan Seminar JKM siri 1/2013” on 26-28 Feb. 2013 organized by Mechanical Engineering Department with ULPL, PKB.

Deliver a lecture on research methods and writing technics in “Kursus Penulisan, Penyelidikan dan Penerbitan” on 12-14 Mac 2013 organized by Electrical Engineering Department with ULPL, PKB.

Committee member of “AJK Kerja Lawatan penilaian Akreditasi Penuh” by Malaysian Qualification Agency (MQA) for “Program Diploma Kejuruteraan Mekanikal” Politeknik Kota Bharu, Kelantan on 20-21 Mac 2013

Deliver a lecture on using SPSS for data analysis in “Kursus Asas SPSS” on 19-21 Mei 2013 organized by Electrical Engineering Department with ULPL, PKB.

Acting as “Ketua Unit Penyelidikan dan Inovasi Politeknik Kota Bharu” from 13 Mei 2013 until 31 July 2013

As a panel during presentation at The “Seminar Penyelidikan Zon Utara 2013” on 5 Jun 2013 at Politeknik Tuanku Syed Sirajuddin, Arau Perlis organized by Commerce Department, PTSS, Perlis.

As a moderator in “Bengkel Penulisan Manuskrip Projek Pelajar 2013” on 3 April 2013 at RnD Room, JKM organized by RnD and Student Project Unit.

Committee member of “AJK Seminar Penyelidikan Zon timur Politeknik 2013” and as a reviewer of the abstract. The program held on 26-27 Jun 2013 organized by UPIK, Politeknik Kota Bharu.

REFEREES

- Engku Muhammad Bin Engku Ali
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- Mohd Noor Bin Salleh
Lecturer Dh48
Jab. Kej. Mekanikal, Politeknik Kota Bharu, Kelantan
Contact No : 09-7889344 Ext: 182
- Prof Dr. Shamsul Baharin bin Jamaludin (UniMAP)
Lecturer
Material Engineering School
University of Malaysia Perlis (UniMAP)
Contact No: 019-4134777