

CURRICULUM VITAE

PERSONAL DETAILS

Name Mohamad Ali Bin Ahmad
Designation PhD Student
Faculty Faculty of Mechanical Engineering
Tel. No. (Home) 03-55115228
Tel. No. Mobile 012-3319244
E-mail Address alie_76_02@yahoo.com
ResearcherID Link <http://www.researcherid.com/rid/C-5479-2011>
Address (Home) No. 2 Jalan Seraya, 3/12
Seksyen 3,
40000 Shah Alam,
Selangor.



ACADEMIC QUALIFICATION (Qualification), (Institution), (Year of Graduate).

PHD, UNIVERSITI TEKNOLOGI MARA, MALAYSIA, (CURRENT)

MASTER, UNIVERSITI TEKNOLOGI MARA, MALAYSIA, 2009

B Eng (Hons), UNIVERSITY MALAYA, MALAYSIA, 2000

PROFESSIONAL AFFILIATION/MEMBERSHIP (Organisation), (Role), (Year), (level)

Board of Engineer Malaysia (BEM), Graduate Member, 2012, (National)

Malaysian Society for Engineering and Technology (MySET), Member, 2009, (National)

Malaysian Tribology Society, Board Member, 2010, (National)

WORKING EXPERIENCE (Organisation), (Role), (Year)

Pusat Asasi Sains, Universiti Malaya, Lab Demonstrator, 2009 - Current

Faculty of Mechanical Engineering, Universiti Teknologi MARA, Tutor, 2013

Pusat Asasi Sains, Universiti Malaya, Tutor, 2009-2012

Centre for Foundation Studies, IIUM, Part time Lecturer, 2009 – 2011

Faculty of Mechanical Engineering, Research Assistant, 2009 – 2012

OMRON (M) SDN BHD, Facility Engineer, 2006-2009

OMRON (M) SDN BHD, Machine Development, Engineering Department, 2000-2006

PUBLICATIONS

1. Ahmad, M. A., Kasolang, S., & Dwyer-Joyce, R. S. (2014). Experimental study on the effects of oil groove location on temperature and pressure profiles in journal bearing lubrication. *Tribology International*, 74, 79-86.
2. Ahmad, M. A., Kasolang, S., Dwyer-Joyce, R., & Bakar, M. A. A. (2013). The Effects of Oil Groove Position on Torque and Frictional Force in Hydrodynamic Journal Bearing. *Applied Mechanics and Materials*, 393, 907-912.
3. Abdul Rahman, N., Kasolang, S., Ahmad, M. A., & Bakar, M. A. A. (2013). Analysis of Transmission Fluid in Manual Diesel Engine by Ferrographic Technique. *Applied Mechanics and Materials*, 393, 925-930.
4. Ahmad, M. A., Kasolang, S., & Dwyer-Joyce, R. (2013). Experimental Study of Oil Supply Pressure Effects on Bearing Friction in Hydrodynamic Lubrication. *Applied Mechanics and Materials*, 315, 977-981.
5. Kasolang, S., Dwyer Joyce, R. S., & Ahmad, M. A. (2013). PZT transducer design and pulsing optimization for film thickness and viscosity measurement. *Sensors and Actuators A: Physical*, 203, 386-393.
6. Ahmad, M. A., Kasolang, S., Dwyer-Joyce, R., & Abdullah, N. R. (2013). The Effect of Oil Supply Pressure on the Circumferential Pressure Profile in Hydrodynamic Journal Bearing. *Applied Mechanics and Materials*, 315, 809-814.
7. Ahmad, M. A., Kasolang, S., Dwyer-Joyce, R. S., & Jumahat, A. (2013). The Effects of Oil Supply Pressure at different Groove Position on Temperature and Pressure Profile in Journal Bearing. *Jurnal Teknologi*, 66(3).
8. Ghani, M. A. A., Kamal, A. F., Ahmad, M. A., Taib, Y. M. D., Salleh, Z., & Alias, S. K. (2013). Slurry Wear Test of Long Kenaf Polyester Composite (LKPC) and Long Kenaf Polyester with Fiberglass Composite. *Applied Mechanics and Materials*, 393, 919-924.
9. Kasolang, S., Ahmad, M. A., Joyce, R. D., & Tai, C. F. M. (2012). Preliminary Study of Pressure Profile in Hydrodynamic Lubrication Journal Bearing. *Procedia Engineering*, 41, 1743-1749.

10. Kasolang, S., Ahmad, M. A., Abu Bakar, M. A., & Abdul Hamid, A. H. (2012). Specific Wear Rate of Kenaf Epoxy Composite and Oil Palm Empty Fruit Bunch (OPEFB) Epoxy Composite in Dry Sliding. *Jurnal Teknologi*, 58(2).
11. Kasolang, S., Kalam, A., & Ahmad, M. A. (2011). Dry Sliding Wear of Oil Palm Empty Fruit Bunch (OPEFB) Epoxy Composite. *Advanced Materials Research*, 308, 1535-1539.
12. Kasolang, S., Kalam, A., Ahmad, M. A., Rahman, N. A., & Suhadah, W. N. (2012, June). Abrasive wear: The effects of fibres size on oil palm empty fruit bunch polyester composite. In *THE 4TH INTERNATIONAL MEETING OF ADVANCES IN THERMOFLUIDS (IMAT 2011)* (Vol. 1440, No. 1, pp. 1169-1174). AIP Publishing.
13. Kasolang, S., Ahmad, M. A., & Dwyer Joyce, R. S. (2011). Measurement of circumferential viscosity profile in stationary journal bearing by shear ultrasonic reflection. *Tribology International*, 44(11), 1264-1270.
14. Kasolang, S., Ahmad, M. A., Ghazali, F. A., & Azmi, A. M. (2011). Preliminary study of dry sliding wear in Kenaf Epoxy and Carbon Epoxy composites. *Applied Mechanics and Materials*, 52, 464-469.
15. Kasolang, S., Ahmad, M. A., & Joyce, R. D. (2010, April). Viscosity profile measurement in journal bearing by shear ultrasonic reflection. In *Computer Engineering and Technology (ICCET), 2010 2nd International Conference on* (Vol. 5, pp. V5-41). IEEE.

REFERENCE

1. Assoc Prof. Dr Salmiah Kasolang
Deputy Dean,
Faculty of Mechanical Engineering,
University Technology MARA
40450 Shah Alam, Selangor
E-mail: salmiahk@salam.uitm.edu.my
Tel: 03 – 5543 5218
2. Prof. Dr Masjuki Haji Hassan
Faculty of Mechanical Engineering,
University Of Malaya
50603 Kuala Lumpur
E-mail: masjuki@um.edu.my
Tel : 03 – 7967 5245