



Ir. Dr. Zamri Bin Mohamed
Sr. Lecturer
Faculty of Mechanical Engineering,
Universiti Malaysia Pahang,
26600 Pekan, Pahang,
MALAYSIA.
Tel: 609-424 6223, Fax: 609-424 6222
Email: zamrim@ump.edu.my
Google Scholar :
<http://scholar.google.com.au/citations?user=CRuDnMkAAAAJ&hl=en&oi=ao>

Academic Qualification

Doctor of Philosophy (Mechanical & Manufacturing Engineering) 2014
RMIT University, Melbourne Australia

Master of Manufacturing Systems Engineering, 2007
Universiti Putra Malaysia, Malaysia

Bachelor of Science in Engineering, 2000
University of Pennsylvania, Philadelphia USA

Brief Profile

Zamri's current research is in the vibroacoustic field where he previously taught Automotive Design & Styling for automotive elective course. Worked in the Proton RND from 2002-2007 where he specialized in the vehicle package layout as well as body design engineering. Prior to 2002, he had short stints with Tenaga Nasional Berhad, MISC Berhad and Petronas Carigali after college graduation in 2000. He is registered as Professional Engineer with BEM as well as Corporate Member with IEM.

Working Experiences / Appointment

Senior Lecturer (Since January 2013)
Lecturer (August 2007 – December 2012)
Head of Automotive Program (March 2010 – December 2011)
Faculty of Mechanical Engineering, Universiti Malaysia Pahang

Design Engineer (October 2002 – August 2007)
Proton Sdn Bhd, Shah Alam Malaysia

Planner (July 2002 – September 2002)
Petronas Carigali Sdn Bhd

Temp Engineer (October 2001 – June 2002)
Tenaga Nasional Berhad Generation

Technical Executive (July 2001 – August 2001)
MISC Berhad

Expert Area

1. Vibration and acoustic analysis, deterministic and statistical energy analysis, experimental modal analysis
2. Automotive package layout drawing, vehicle architecture

Research Interest

1. Vibroacoustic analysis (modelling and experimentation)
2. Automotive Design and Engineering

Research Project / Grant

Upon request

Professional Qualification / Membership / Affiliation / Experience

1. Profesional Engineer (BEM)
2. Corporate Member (IEM)
3. Institute of Noise Control Engineering USA

Teaching Experience

1. Automotive Design & Styling
2. Automotive Ergonomic
3. Vehicle Dynamics
4. Electrical and Electronic Lab
5. OSHA

Post Graduate Supervision

None yet

Degree / Final Year Supervision

Upon request (more than 10 projects)

List of Publications

Mohamed Z, Wang X and Jazar R (2013) A Survey of Wheel Tyre Cavity Resonance Noise. International Journal of Vehicle Noise and Vibration 9 No 3/4: 276-293.

Wang X, Mohamed Z, Ren H, Liang X and Shu H (2014) A Study of Tyre, Cavity, and Rim Coupling Resonance Induced Noise. International Journal of Vehicle Noise and Vibration 10 No 1/2: 25-50.

Mohamed Z, Egab L and Wang X (2014) Tyre cavity coupling resonance and countermeasures. Applied Mechanics and Materials 471: 3-8.

Mohamed Z, Wang X and Jazar R (2014) Structural-acoustic coupling study of tyre cavity resonance. Journal of Vibration and Control, DOI: 10.1177/1077546314 533585.

Mohamed Z and Wang X (2015) A Study of Tyre Cavity Resonance and Noise Reduction Using Inner Trim. Mechanical Systems and Signal Processing 50-51, 498-509.

Mohamed Z and Wang X (Submitted) A Hybrid of Statistical Energy Analysis and Deterministic Analysis on Tyre Cavity Resonance Noise. Journal of Sound and Vibration.

Mohamed Z (Submitted) Tyre cavity resonance mitigation using acoustic absorbent materials. Journal of Vibration and Control

List of Books

None yet

List of Consultancy

None yet

List of Research / Project

Upon request

Awards / Research / Achievements

None yet

Patents

None yet

List of Course / Conference Attended

Upon request