



MOHD FAIZAL MAT TAHIR

Senior Lecturer (Ts. Dr.)

RESEARCH

An enthusiastic researcher in acoustics and vibration especially in environmental and industrial noise, safety and health due to noise induce either from industrial or recreational activities, material acoustic properties related with acoustic comfort and noise prediction using digital image correlation technique.

ACADEMIC QUALIFICATIONS

- **B.Eng. (Hons)**, (Mech. Eng.) University Kebangsaan Malaysia, Malaysia (2007)
- **M.Eng.** (Mech.) University Kebangsaan Malaysia, Malaysia (2010)
- **Ph.D.** Loughborough University, United Kingdom (2019)

EXPERTISE

Noise and Vibration
Digital Image Correlation

RESEARCH GROUP

- Instrumentation, Dynamics and Control of Engineering Systems (INDICES)

For list of publications and current research grants, please click [UKM Sarjana](#).

[UKM Sarjana](#)

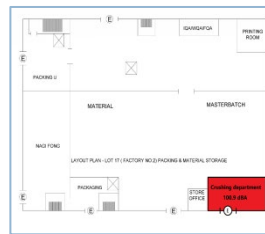
CONTACT

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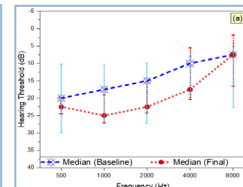
RESEARCH AT A GLANCE

Noise Induced Hearing Loss (NIHL)



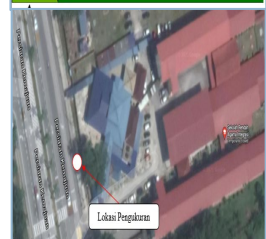
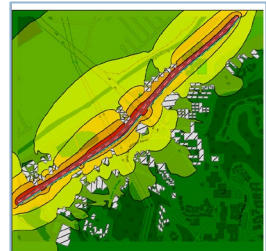
Industrial Noise, QOL/KAP

Bilangan dan Nilai Meter Arau Bunyi					
Nyala Laga	Tetapan Binau	T Wisk	Stadu Perdana	Melodi Baharu	
Caes	1245	742	749	742	
Tengah Masa (jam/min)	134	136	230	137	
L _{eq} (dB(A))	84.3	85.4	85.7	84.1	
L _{max} (dB(A))	109.4	104.7	96.2	94.7	
L _{max} (dB(B))	69.0	53.2	53.3	54.7	
L _{eq, max} (dB(C))	129.5	124.0	123.4	118.6	
L ₁₀ (dB(A))	99.1	99.8	90.2	88.4	
L ₅₀ (dB(A))	89.6	90.7	81.3	79.5	
L ₉₀ (dB(A))	77.2	70.0	68.8	65.1	

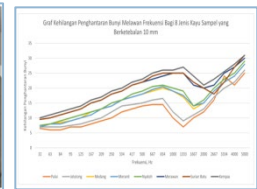
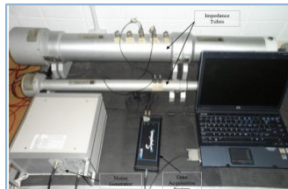


Musical/recreation HL

Environmental Noise



Material acoustics properties (experimental/simulation)



Digital Image Correlation (DIC)

