



# MOHD ZAKI NUAWI

Associate Professor (Dr.)

## RESEARCH

Expert in Statistical Signal Analysis and Instrumentation Engineering, Vibro-acoustic and Mechanical Engineering. Recent research interest in mechanical signal analysis for materials characterisation and condition-based monitoring. Current project: Development of Machining Monitoring System (NeoMoMac). Under development prototype: portable Magnetic Flux Leakage (MFL) system for metal-loss corrosion detection.

## ACADEMIC QUALIFICATIONS

- **B.Eng.** (Ind) Institute des Sciences et Techniques, France (1991)
- **M.Eng.** (Ind.) Institute des Sciences et Techniques, France (1993)
- **Ph.D.** (Mech.) Universiti Kebangsaan Malaysia (2008)

## EXPERTISE

Acoustics and Vibration  
Condition-based Monitoring  
Machining Condition Monitoring  
Mechanical Signal Analysis

## RESEARCH GROUP

- Instrumentation, Dynamic and Control of Engineering System (INDICES)

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

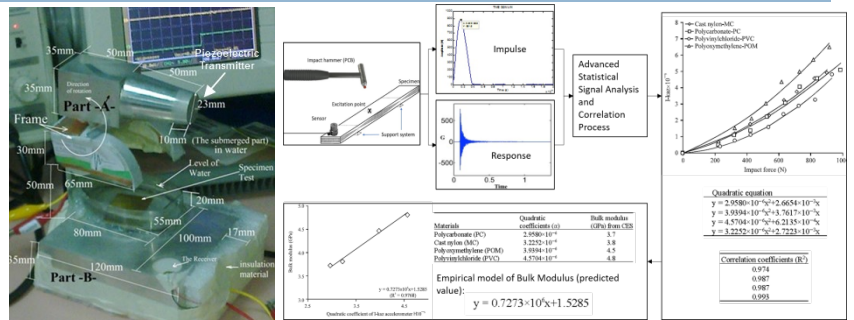
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## CONTACT

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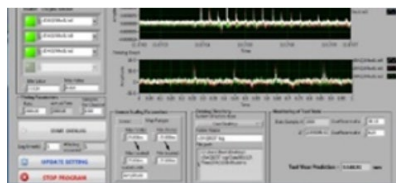
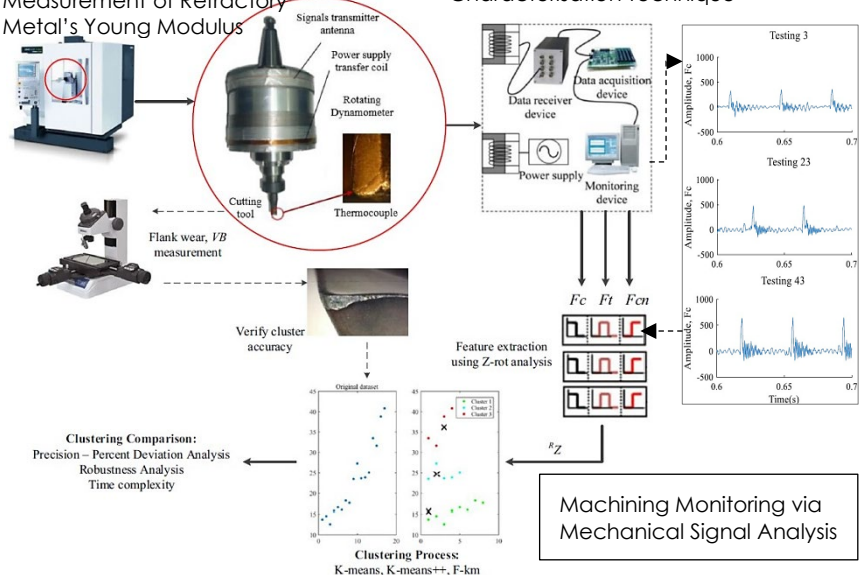
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## RESEARCH AT A GLANCE



Non-Destructive Measurement of Refractory Metal's Young Modulus

Alternative Mechanical Properties Characterisation Technique



Commercialised research product:  
Machining Monitoring System (Neo-MoMac)