



# SHAHRUM ABDULLAH

Professor (Ir. Dr.)

## RESEARCH

More than 20 years of experience conducting research and development in structural integrity field, particularly in the scope of fatigue damage and durability assessment of materials and structures. He is frequently referred by industries for solving some issues in failure analysis, vibration fatigue and non-destructive test (NDT) for engineering structures. His recent research work is related to mathematical modelling of vibration-based fatigue failure associated to the implementation of big data analysis.

## ACADEMIC QUALIFICATIONS

- **B.Eng.** (Mechanical and Materials Eng.) Universiti Kebangsaan Malaysia, Malaysia (1995)
- **M.Sc.** (Mechanical Eng.) Loughborough University, United Kingdom (1997)
- **Ph.D.** (Mechanical Eng.) The University of Sheffield, United Kingdom (2005)

## EXPERTISE

Fatigue Life Assessment  
Durability and Failure Analysis  
Damage Mechanics  
Signal Analysis

## RESEARCH GROUP

- Computational and Experimental Mechanics (CEM)

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

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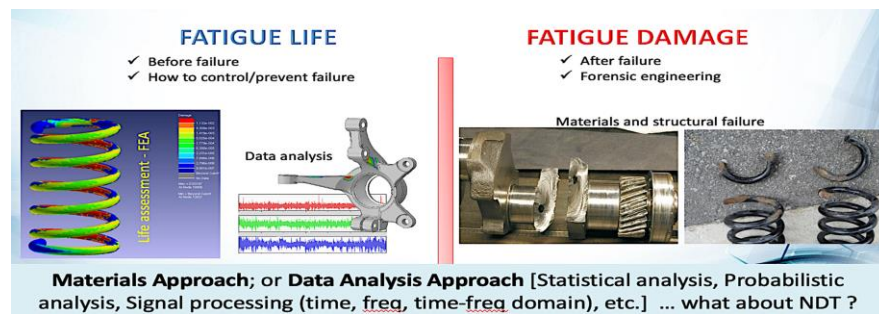
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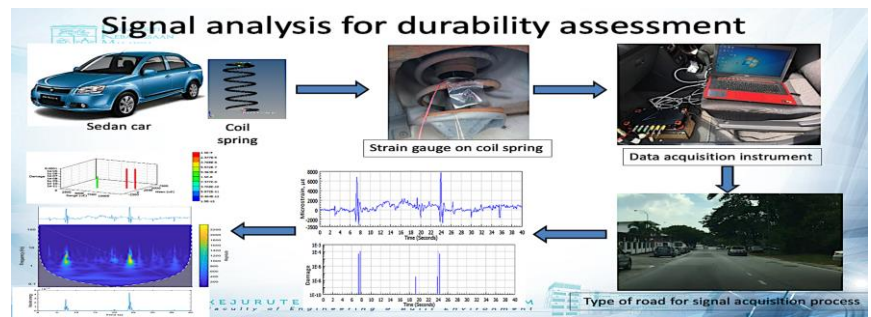
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## RESEARCH AT A GLANCE

### Fatigue Life Assessment



### Durability Assessment and Failure Analysis



### Damage Mechanics (Computational and Experimental Works)

