



WAN MOHD FAIZAL WM

Associate Professor (Dr.)

RESEARCH

Specialised in computational and experimental works on particulate emission from diesel engines, water-emulsified fuels, biomass gasification and energy recovery from gas turbine exhaust. Recent research interests are in thermal comfort in large space, cold chain, and carbon capture and storage.

ACADEMIC QUALIFICATIONS

- **B.Sc.** (Mech.) Columbia University, New York, U.S.A (1995)
- **M.Sc.** (Power Sys.) Kobe University of Mercantile Marine, Kobe, Japan (2002)
- **Ph.D.** (Mech.) The University of Nottingham, Nottingham, U.K. (2011)

EXPERTISE

Diesel emission control
 Biomass energy recovery
 Computational fluid dynamics
 Clean energy systems

RESEARCH GROUP

- Thermofluids Research Group

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

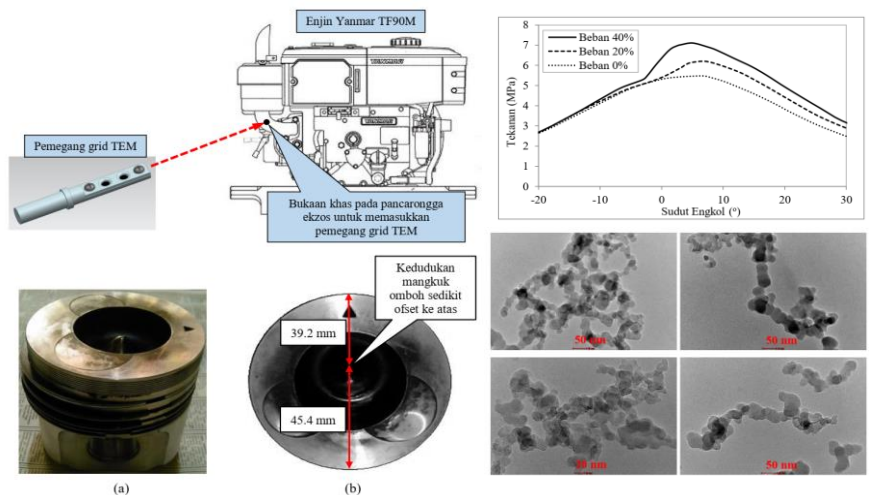
[UKM Sarjana](#)

CONTACT

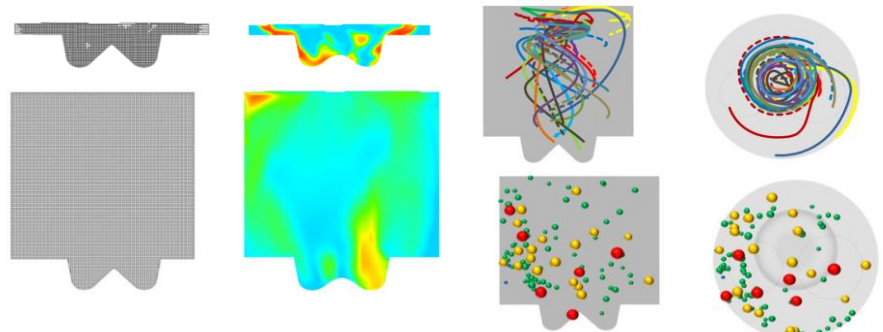
PHONE:
 +603-89216513

EMAIL:
faizal.mahmood@ukm.edu.my

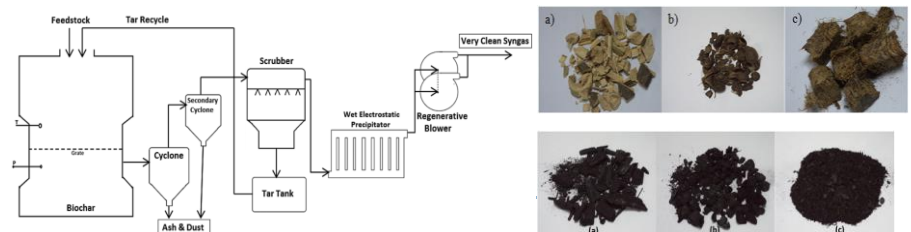
RESEARCH AT A GLANCE



Diesel soot particle characterisation



Soot simulation: mass-based to particle-based



Palm waste gasification