



ALIAS MOHD

Ts. Dr.

EDUCATION



University of
Sunderland



Bach. in
Manufacturing
Engineering (Hons)
(U. Sunderland)

M Eng. in Tooling
Engineering
(Nettur Technical
Training Foundation,
Bangalore, India)

PhD. in Manufacturing
Engineering
(U. Edinburgh Napier)

CONTACT



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EXPERTISE

Field

Manufacturing Engineering

Expertise

Tooling Technology
Jigs and Fixtures
Manufacturing processes

Specialization

Wood Plastic Composites
Coating
Moulding Design and Analysis
Stamping Design and Analysis

RESEARCH CONTRIBUTION & ACHIEVEMENT

My research interest is focused on the areas of natural fibres and composites formulation with the recycled plastics to generate from waste to wealth which is ultimately create green technology environment. My recent research work focuses on the OPEFB fibre with the recycled of plastic resin (ABS), coating Ni-YSZ for hard turning process and parting off process as solution for final jobs particularly in machining and oil gas industries. This includes research interests in the composites and coating formulations and design. I have also been appointed as a Reviewer, E-Academia Journal (UiTM), Reviewer, Ingeniería y Ciencia journal (Universidad EAFIT, Medellin, Colombia), Reviewer Technical Papers on Mechanical Engineering 2014 (NCME'14), External Advisor of Technical and Publication Committee Conference on Mechanical Engineering 2014 (NCME'14), Judge, Research and Innovation Week 17 (MPI'17) and MPI'15, Internal Auditor for Malaysia Research Assessment (MyRA) and Assessor for Short-Term Grant.



PROFESSIONAL MEMBERSHIP

- Malaysia Board of Technologists (MBOT)
- Society of Plastic Engineers (SPE)



NETWORKING & RESEARCH COLLABORATION

- Consultation and Co-Researcher with UniSZA for Public Private University Network (PPRN) Grant Scheme for SMI (Darulkhusus Sdn. Bhd., Negeri Sembilan)
- ICOE Miyazu and Sapura Researcher, Automotive Engineering Centre, UMP



PUBLICATION

- Google Scholars : Alias Mohd

Directory
of

eXpert

