

**MOHD YAZID BIN ABU**

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Sex/Age : Male/29 years old  
D.O.B : 1<sup>st</sup> February 1987  
Race : Malay  
Nationality : Malaysian  
Language : Malay and English  
Marital Status : Married  
Institution of Engineer Malaysia Registration No. : 41008 (student)

### *CAREER GOAL*

To obtain a position as a university professor whereby my educational background, leadership and innovation skills would greatly contribute to the university and country.

### *EDUCATIONAL BACKGROUND*

#### **Universiti Teknologi Malaysia (September 2012- September 2015)**

- Qualification: PhD
- Field of study: Mechanical Engineering
- Title: Integration of Mahalanobis-Taguchi System and Activity based Costing in Decision Making for Remanufacturing

#### **Universiti Teknologi Malaysia (July 2010- January 2012)**

- Qualification: Master
- Field of study: Mechanical Engineering-Advanced Manufacturing Technology
- Title: Performance Evaluation of Wire Electro Discharge Machining on Reaction Bonded Silicon Carbide

#### **Universiti Malaysia Pahang (June 2006-June 2010)**

- Qualification: Bachelor's Degree
- Field of study: Mechanical Engineering-Manufacturing
- Title: Prediction of Cutting Power in End-Milling Operation of Modified AISI P20

#### **Kolej Matrikulasi Negeri Sembilan (2005/2006)**

- Qualification: Higher Secondary/ STPM/ "A" Level/ Pre-U
- Field of study: Physics

### *WORK EXPERIENCE*

#### **Malaysia Marine and Heavy Engineering Sdn. Bhd. – 4<sup>th</sup> January to 18<sup>th</sup> June 2010**

Job Scope:

- Check availability parts of pressure vessel before assembly
- Ensure for each part of pressure vessel being attached follow the schedule
- Ensure hydro test tally with standard procedure

## *HONORS/AWARDS*

- Dean's List Award, 2009/2010, UMP

## *PUBLICATIONS*

- Performance Evaluation of Wire Electro Discharge Machining on Reaction Bonded Silicon Carbide [Author, Journal Mekanikal, university level, 2012]
- An Application of Failure Mode and Effect Analysis to Cylinder Head during Dismantle of Remanufacturing Process: A Case Study. Presented at the 1st International Materials, Industrial, and Manufacturing Conference (MIMEC2013), 4th – 6th December 2013, Johor Bahru, Malaysia.
- Current Situation in Cleaning Process of Remanufacturing in Malaysia: A Case Study. Presented at the 1st International Materials, Industrial, and Manufacturing Conference (MIMEC2013), 4th – 6th December 2013, Johor Bahru, Malaysia.
- Pattern Recognition using Mahalanobis-Taguchi system on Connecting Rod through Remanufacturing Process: A Case Study. Presented at the 1st International Materials, Industrial, and Manufacturing Conference (MIMEC2013), 4th – 6th December 2013, Johor Bahru, Malaysia.
- Application of Mahalanobis-Taguchi System on Crankshaft as Remanufacturing Automotive Part: A Case Study. Presented at the 1st International Materials, Industrial, and Manufacturing Conference (MIMEC2013), 4th – 6th December 2013, Johor Bahru, Malaysia.
- Pattern Recognition on Remanufacturing Automotive Component as Support Decision Making using Mahalanobis-Taguchi System. Presented at the 12th Global Conference on Sustainable Manufacturing (GCSM2014), 22nd – 24th September 2014, Johor Bahru, Malaysia.
- An Evaluation on Remanufacturing Automotive Component using Mahalanobis-Taguchi System. Presented at the International Conference on Quality (ICQ2014), 19th – 22nd October 2014, Tokyo, Japan.
- Application of Mahalanobis-Taguchi System on Detroit Engine Model as Remanufacturing Automotive Component. Presented at the 2nd International Conference on Robust Quality Engineering (ICRQE2014), 15th – 17th December 2014, Bangalore, India.
- Application of Mahalanobis-Taguchi System and Activity-based Costing as Remanufacturing Decision Making. Presented at the International Conference of Remanufacturing (ICoR2014), 14th – 16th June 2015, Amsterdam, Netherlands.

## *RESEARCH INTEREST*

- Remanufacturing
- Sustainability
- Advanced manufacturing technology
- Manufacturing process

## ACTIVITIES

YEAR	ACTIVITIES	ACHIEVEMENT
2007	Industrial and External Relationship of MECHAPRO	Committee Member
	Intrafaculty Sport of Mechanical Engineering	Committee Member
	UMP Free Fight Championship	Committee Member
2008	Writing Workshop	Committee Member
	Developing a Correlation Map between Learning Styles, Reading Materials and Creativity	Participant
	Conference on Manufacturing and Electronic Technology (COMET)	Participant
2010	The Institution of Engineers Malaysia (IEM)	Student member
	Industrial Training (Malaysia Marine and Heavy Engineering Sdn. Bhd)	Ensure for each part of pressure vessel being attached follow the schedule
2011	International Conference on Islamic Science and Technology	Participant
2012	APEC workshop on remanufactured goods	Participant
2013	Attended Taguchi method workshop	Participant
	Attended 1 <sup>st</sup> International Materials, Industrial and Manufacturing Engineering Conference	Presenter
2014	Attended 2 <sup>nd</sup> International Conference on Robust Quality Engineering	Presenter
	Attended 12 <sup>th</sup> Global Conference on Sustainable Manufacturing	Presenter
	PhD student mobility program	Presenter and Committee
2015	3 Minute Thesis program	Committee

## REFERENCE

Dr. Wan Sharuzi Wan Harun,  
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Faculty of Mechanical Engineering,  
Universiti Malaysia Pahang,  
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