

MOHD HAZIQ BIN ZAKARIA | LECTURER



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Date of Birth : 10 September 1987
Nationality : Malaysian
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FORMAL EDUCATION BACKGROUND

Masters Degree

Qualification : Msc in Renewable Energy Engineering
Field of Study : Energy Engineering
University : Heriot Watt University, Edinburgh, United Kingdom.
Graduation Date : November 2013

Degree

Qualification : Bachelor of Engineering Technology in Quality Engineering (Hons)
University : Universiti Kuala Lumpur Malaysian Institute of Industrial Technology , Malaysia
Graduation Date : July 2012

INSTITUTE RESPONSIBILITY

- Industrial Training Coordinator (2014-2016)
- Coordinator, Master Quality Engineering (New Program Development) (2016-current)

GRANTS & PUBLICATIONS

Research Grant

1. **Project Leader** - The Development Of Autonomous Obstacle Avoidance Unmanned Aerial Vehicle (UAV) For Visual Inspection Task In Enclosed Industrial Environment (Amount Granted RM18,000) from UniKL Short Term Research Grant
2. **Co-Researcher** - Voice Of Customer: A Measurement Of Employer Satisfaction Towards Graduate Attributes Using Quality Function Deployment Approach

Publications

1. **Main Author** - Energy And Economical Impact Analysis Of Low Energy Lighting Of Cameron Smail Building In Heriot Watt University (2013) Journal of Science & Engineering Technology
2. **Co-Author** - "Six Sigma Application: Enhancement Sigma Level towards Quality Improvement at Automotive Company" (2014) Journal Applied Mechanics and Materials (ISSN 1660-9336) - SCOPUS, H Index 11.
3. **Co- Author** - "Weld Bead Characteristic of Gas Metal Arc Welding-Cold Metal Transfer (GMAW-CMT)" (2014), published in APPLIED MECHANICS AN MATERIALS Indexed by SCOPUS
4. **Co- Author** - "Design of experiment (DOE) approach to optimize accuracy of surface roughness" (2014), Applied Mechanics and Materials 465-466, pp. 1224-1228

TRAINING & CERTIFICATION

- Train The Trainer (TTT/13596) HRDF Malaysia 2015
- Training of Trainers for Oil & Gas Induction Course UTM-MPRC Insitutue of Oil & Gas 2014
- Autodesk Plant Design Training EDS Solutions Sdn Bhd 2014
- Workshop On Designing & Delivery Flipped Classroom (CITC UNIKL CHANCELLERY) 2015
- Video Content Management System (VCMS) on Panopto 2016
- Modular Approach Basic Training – Modular Learning Unit (CITC UNIKL CHANCELLERY) 2016

REFERENCES

- **Mohd Ikbar Abdul Wahab** | Head of Section, Quality Engineering | mikbar@unikl.edu.my | 073812501
- **Dr Ishamuddin Mustapha** | Deputy Dean Academic & Technology | ishamuddin@unikl.edu.my | 073812405