



Ts. MOHD FAZLI BIN ISMAIL
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Academic Qualification

Bachelor of Mechanical Engineering (Honors), Universiti Sains Malaysia

Brief Profile

Ts. Mohd Fazli Bin Ismail registered under Malaysia Board of Technology since 2018 as Technology Specialist (Ts.) for Material Technology field. Graduated from Universiti Sains Malaysia, USM at 2001 and had working experience at Sime Tyres International Sdn Bhd (currently known as Continental Sdn Bhd) before joining Universiti Malaysia Pahang. Working as Vocational Training Officer from 2005 gives him vast experience in technical facility management and laboratory development.

Professional Qualification / Membership / Affiliation / Certification

1. Professional Technologist, Ts, Malaysia Board of Technologist (PT18030395)
2. Graduate Technologist, Malaysia Board of Technologist, (GT17110096)
3. Graduate Member Board of Engineer Malaysia, BEM (R42727)

Area of Interests / Expert

1. Material Technology
2. Fracture Mechanics

Project Consultancy

1. Ketua Projek Perundingan, DRB-HICOM University of Automotive Malaysia, DHUAM: Consultation For Fundamental Physics & Fluids Mechanics (CTS 1802035) – RM 10,700
2. Ketua Projek Perundingan, DRB-HICOM University of Automotive Malaysia, DHUAM- Consultation For Fundamental Fluid Mechanics (CTS 1802013) – RM 6,423.60
3. Ahli Projek Perundingan ,DRB-HICOM University of Automotive Malaysia, DHUAM: Physics Laboratory Fundamental Consultation (CTS 1802015) – RM 7,155.66
4. Ahli Projek Perundingan, Esteem Energy Engineering Sdn Bhd Material Failure Analysis (Package1) : (UMPS/140190/006)
5. Ahli Projek Perundingan, International College of Automotive, ICAM : Amali Termodinamik : (UCT 140303)
6. Ketua Projek Perundingan, Politeknik Sultan Mizan Zainal Abidin - UIC-FKM: Ujikaji Plastik (UCT120285/554)
7. Ahli Projek Perundingan, Kolej Kemahiran Tinggi MARA, Kemaman - UIC-FKM: Amali Eksperimen (UCT130306)
8. Ahli Projek Perundingan ,Kolej Kemahiran Tinggi MARA, Kemaman - UIC-FKM: Amali Eksperimen (UCT120285/187)

9. Ahli Projek Perundingan, Kolej Kemahiran Tinggi MARA, Kuantan - UIC-FKM: Amali Eksperimen (UCT120285/155)
10. Ketua Projek Perundingan, Kolej Kemahiran Tinggi MARA, Kuantan - UIC-FKM: Amali Eksperimen *Solid Mechanics* (UCT110285/17): RM 19 840
11. Ketua Projek Perundingan ,Jabatan Teknologi Maritim & Sains Marin, Universiti Malaysia Terengganu, UMT : Pengujian Bahan (UCT 110285/43): RM 1 480
12. Ketua Projek ,Fakulti Kejuruteraan Kimia dan Sumber Asli, Universiti Malaysia Pahang Pengujian Bahan Bagi Projek GRS 100322 dan GRS 100339 (UCT110285/220): RM 1 667
13. Ketua Projek Perundingan, Kolej Kemahiran Tinggi MARA, Kuantan - UIC-FKM: Amali Eksperimen *Material Testing* (UCT110285/219): RM 27 157.38
14. Ketua Projek Perundingan, Kolej Kemahiran Tinggi MARA, Kemaman - UIC-FKM: Amali Eksperimen *Material Strength, Benchwork, Conventional Lathe and Milling* (UCT110285/231): RM 77 794.40
15. Ketua Projek Perundingan, Kolej Kemahiran Tinggi MARA, Kuantan- UIC-FKM: Amali Eksperimen *Strength of Material, Static and Dynamic* (UIC090285/162 – RM 16,200

List Of Publications

- 1) S. Mahendran, **Fazli Ismail** and Thanesh Chander. "Development of Micro EDM with Directly Mounted APA 400MML Actuator as Tool Feed Mechanism", *Advanced Material Research Vols. 314-316* (2011) pp 1811-1817
- 2) Thet Thet Mon, Zakri Ghazalli, Asnul Hadi Ahmad, **Mohd Fazli Ismail** and Khairul Fikri Muhamad. "Design of Electrostatic Comb Actuators Based on Finite Element Method", *International Conference on Enabling Science and Nanotechnology (Nanotech Malaysia 2010)*, 1-3 December, KLCC Malaysia
- 3) M.R.M. Rejab, T.T. Mon, M.F.F. Rashid, N.S.M. Shalahim, **M.F. Ismail** , Virtual laser-micromachining of MEMS components", *International Journal Conference on Recent Trends in Mechanical Engineering*, Vol. 1. No. 5, June 2009.
- 4) N.S.M. Shalahim, T.T. Mon, **M.F. Ismail**, M.F.F. Rashid, M.R.M. Rejab, "Finite Element Simulation of Laser-micromachining" *International Conference on Scientific Computing*, 18-20 March 2009, ISBN: 978-988-17012-2-0.
- 5) Thet Thet Mon, Rosdi Daud, **Fazli Ismail**, Mohd Shahrir Mohd Sani. 2008. Dedicated Fixture Design for Polishing of Silicon using Finite Element Method, *International Conference on Science & Technology: Applications in Industry & Education (ICSTIE)*, 12-13 Dec 2008, Penang, Malaysia
- 6) Rosli Abu Bakar, Devarajan Ramasamy, **Fazli Ismail**, Ahmad Syahrizan Sulaiman, Design and Development of Hybrid Electric Vehicle Rear Diffuser, *National Seminar Science Technology and Sosial Sciences, Malaysia*, 3-4 Jun, 2008.
- 7) Ahmad Razlan Yusoff, **Mohd Fazli Ismail** and Zakri Ghazalli (2006) Productivity and Line Balancing Improvement of Automotive Assembly Line through Discrete Event Simulation, *Regional Conference in Vehicle Engineering and Technology (RiVET 2006)*, 3-5 July, 2006, Kuala Lumpur.
- 8) Ahmad Razlan Yusoff, Wan Mansor Wan Muhammad, **Mohd Fazli Ismail** and Zakri Ghazalli (2006) Balancing Automotive Production Line with Simple Assembly Line Balancing Type General, *Proc. of International Conference of Manufacturing and Materials Processing (ICMM 2006)*, pp. 451-456, Kuala Lumpur.