

AMIRAH AHMAD HAMDI

No 2, Tingkat Perpaduan 22, Taman Perpaduan, 31150 Ipoh, Perak.



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Personal information

DOB: 29 April 1991 | Single

Education

Master of Science (Hons) in Materials Engineering, University Science Malaysia

- Mode: Research
- Thesis: *Effect of Sintering Additives On Microstructure, Physical & Compressive Properties of Porous Aluminum*
- Status: Finish

Bachelor of Engineering (Hons) in Metallurgical Engineering, University Malaysia Perlis CGPA 2.88

- Date of graduation: 20 September 2015

Experience

Research Assistant, August 2015 - February 2016

University Science Malaysia, School of Materials & Mineral Resources, Nibong Tebal, Penang.

- Emphasis in fabrication of porous Al using powder metallurgy method
- Preparation metals sample for XRD, OM, SEM, EDX and compression test
- Proficiency in handling instruments: Optical Microscope, Stereo Microscope, Tabletop SEM, Electric Oven, Diamond Cutter, Vickers Hardness, Universal Testing Machine, Polishing and Grinding Machine.
- Guiding undergraduate for handling equipment and performing microstructure evaluation during laboratory session

Industrial Trainee, June 2014 – September 2014

Acme Ferrite Products Sdn. Bhd, Ipoh, Perak

- R&D Department
- Performed material layout, consist of 9 types of electrical testing
- Performed process control evaluations and physical properties evaluations on ferrite powder
- Gained knowledge, hands on experience and analytical skills

Language proficiency

Bahasa Malaysia (Advance) /
English (Intermediate)

Skills

AutoCAD (Basic) / Microsoft Word, Microsoft Excel,
Microsoft PowerPoint, Mendeley (Advance) /
Sigma plot, ImageJ software (Intermediate)

Achievement

Earned **Young Promising Presenter Award** in International Conference on X-rays & Related Techniques in Research & Industry (ICXRI) 2016

Co-curricular

Descriptions	Details
International Conference on Functional Materials and Metallurgy, ICoFM 2016	Oral presenter
Nature Ride FETech UniMAP 2015	Volunteer
Student Council Schools of Materials 2013/2014	Treasurer
Fresher Integration Programme, School of Materials 2013/2014	Facilitator
First Aid Programme 2013	Participant
Independence day Marching 2010	Participant
Recycling Campaign 2010	Secretariat

References

Dr Anasyida Abu Seman | Lecturer, School of Materials and Mineral Resources, USM | 04-599 5216