

CURRICULUM VITAE



Assoc. Prof. Ir. Dr. Syed Fuad Saiyid Hashim, P.Eng
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ACADEMIC QUALIFICATION

1. Ph.D. Mineral Engineering, 2004, University of Queensland, Australia.
2. M.Sc. Mineral Resources Engineering, 1999, Universiti Sains Malaysia
3. B. Eng (Hons), 1996 Mineral Resources Engineering, Universiti Sains Malaysia.

AREAS OF INTEREST

1. Mineral Processing
2. Resource Recycling
3. Modelling and simulation of mineral processing system
4. Fine grinding

TEACHING EXPERIENCE

No.	Course Code	Course Name	Year
1.	EBS 101/2	Engineering Drawing	2006 – to date
2.	EBS 238/3	Fluid Mechanics	2004 – 2011
3.	EBS 339/3	Mineral Economic	2004- to date
3.	EBS 423/4	Mine and Plant Design	2004 – to date
4.	EBS 341/2	Mineral Processing Laboratory	2004 – to date
5.	EBS 210/2	Mining Engineering Laboratory	2004 – to date
6.	EBS 322/3	Physical Mineral Processing	2006 – to date
7.	EBS 250/2	Computers for Engineers	2004 – to date

PROFESSIONAL QUALIFICATION / MEMBERSHIP

1. Professional Engineer (Board of Engineer Malaysia)
2. Graduate Member Institute of Engineers Malaysia (IEM)
3. Malaysian Society for Engineering and Technology (MSET)
4. Council Member, Institute of Mineral Engineering Malaysia (IME)

PUBLICATIONS

(5 Selected Publications: 2011-2015)

1. Nurdeen M. Altwair, M. A. Megat Johari, Syed F. Saiyid Hashim, (2014) Influence of treated palm oil fuel ash on compressive properties and chloride resistance of engineered cementitious composites, *Materials and Structures*, 2014, 47, , 16
2. Eang Khy Eam, Syed Fuad Saiyid Hashim, Mohd Hashim, Mohd Hazizan, Mohd Yusof, Mior Termizi (2014) Case Study of Alluvial Gold Mining at Pulai Mining in Gua Musang, Kelantan, Malaysia, *Advanced Materials Research*, , 858, , 7
3. Norwanis Hasan, Syed Fuad Saiyid Hashim and Zulkifli Mohamad Ariff (2013) Low-Frequency Sound Proof Cement-Based Syntactic Foam, *International Journal of Materials, Mechanics and Manufacturing*, Vol. 1, No. 4, 385-387.
4. Suhaina Ismail, Hashim Hussin, Syed Fuad Saiyid Hashim, Norazharuddin Shah Abdullah (2015) Leached Residue Characterization of Manganese-Bamboo Saw Dust
5. Blend: An X-Ray Diffraction Study, *Advanced Materials Research* Vol 1087, pp 370-373
6. Altwair, N.M. and Johari, M.A.M. and Hashim, S.F.S, (2011) Strength Activity Index and Microstructural Characteristics of Treated Palm Oil Fuel Ash, *International Journal of Civil and Environmental Engineering*, 11, 6

RESEARCH GRANTS

(As Project Leader)

No.	Project Title	Amount (RM)	Year	Source
1.	Modelling The Effect Of Particle Breakage In Comminution Machines	91,000	2013-2016	FRGS
2.	A Study on the Behavior of Three Kinds Silica such as Waste Glass Powder, Ground Silica Sand and Silica Fume in Concrete Performance	56,468	2007-2011	JICA
3.	High technology aggregates and manufactured sand technology	238,160.00	2003-2011	Metso Mineral, NZ
4.	Study on The Effect of Grinding Aids (Additives) in Dry Grinding of Minerals and Cement	31,790	2008-2011	USM
5.	Effective Mining Method for Gold Mining in Kelantan, Malaysia	19,644	2012-2015	JICA

POSTGRADUATE STUDENT SUPERVISION

PhD (Co- Supervisor)

No.	Name	Title	Status
1.	Sri Raj Rajeswari A/P Munusamy	Numerical and Experimental Studies on Production of Fine Silica in an Opposed Fluidized Bed Air Jet Mill	Graduated
2.	Nurdeen Mohamed O. Altwair	Properties and Performance of Engineered Cementitious Composites Containing Palm Oil Fuel Ash	Graduated
3	Chea Chandara	Study on Pozzolanic Reaction and Fluidity of Blended Cement Containing Treated Palm Oil Fuel Ash as Mineral Admixture	Graduated
4	Izhar Abadi Bin Ibrahim Rais	Multivariate Statistical Modeling On Industrial Dust Emissions From Quarries	Graduated

MSc – Research (Main Supervisor)

No.	Name	Title	Status
1.	Juna Azleen Bin Abdul Ghani	Determination of K and β Values For Scaled Distance Technique To Predict The Level Of Ground Vibrations Induced During Blasting For Peninsular Malaysia,	Graduated
2.	Ku Esyra Hani Binti Ku Ishak	Modelling and Simulation of Air Classifier in Cement Manufacturing	Graduated
3.	Eang Khy Eam	Effective Mining Method for Gold Mining in Kelantan, Malaysia	Graduated
4.	Norazirah Binti Ahmad	Modelling the effect of particle breakage in comminution machines,	Ongoing

AWARDS / RECOGNITION

No.	Type	Title	Awarding Authority	Level/Medal	Year
1.	Academic Recognition	Appointment as committee member for Sectorial Training in Mining and Quarrying	Perbadanan Sumber Manusia Berhad	National	2014 - Current
2.	Academic Recognition	Appointment as committee member for Rare Earth Processing and Application	Malaysian Academy of Sciences	National	2013-2014
3.	Academic Recognition	Appointment as committee member in Development of Dasar Mineral Negara	Kementerian Sumber Asli dan Alam Sekitar	National	2012

PROFESSIONAL SERVICES / CONSULTATION**Selected Major Activities**

No.	Year	Title	Company
1.	2014	Characterization of fine aggregate from various YTL Quarries	Batu Tiga Quarry Sdn Bhd
2.	2012	Evaluation of iron ore deposit at Kota Tinggi, Johor	Rahman Hydraulic Tin Bhd
3.	2012	Evaluation of potential mineral resource in Kampar.	Northen Bio-Six SdnBhd
4.	2013	Characterization of Bottom Ash.	Uniavenue Sdn. Bhd.
5	2014	Iron ore evaluation in Baling District	Global Tradeteam Sdn. Bhd.