



CURRICULUM VITAE FOR ACADEMIC STAFF

1. Name : MOHD HASBULLAH IDRIS

2. Academic Qualification :

Year	Name of Degree / Diploma	Awarding Institution
1986	B. Eng (Mechanical-Production)	Universiti Teknologi Malaysia
1995	MPhil (Manufacturing Engineering)	Loughborough University, United Kingdom
2002	PhD (Mechanical Engineering)	Universiti Teknologi Malaysia

3. Professional Qualification :

Professional Engineer (Ir.)

Chartered Engineer / Scientist (C. Eng / C. Sci)

Certificate Specialised Engineer/Technologist (eg. Welding Engineer, Steam Engineer etc.)

/ Others : ISO 9000: 1994 and ISO9001:2000 Quality Management System Audit Certificate

4. Professional Membership :

IIE

IAENG

MINDS

SME

SAE

RINA

ASME

IEM

IMarEST

ASQ

/ MSET

IMM

ASHRAE

IEEE

/ Other: American Foundrymen Society

IEM

5. List of Publication (5 recent publications)

- S. Koleini, **M. H. Idris**, H. Jafari. ' Influence of hot rolling parameters on microstructure and biodegradability of Mg-1Ca in simulated body fluid'. Material and Design. Vols. 33, No. 1, 20-25, 2012.
- A. Niakan, **M. H. Idris**, M. Karimian, A. Ourdjini.' Effect of pressure on structure and properties of lost foam casting of Al-11Si cast alloy'. Applied Mechanics and Materials, vols. 110-116, 639-643, 2012.

- c. H. Jafari, **M. H. Idris**, A. Ourdjini, S. Farahany, M. R. Abdul Kadir.' Characterisation of AZ91D granules covered with a flux during in-situ melting'. Particle & Particle Systems Characterisation, vols. 29, 263-272, 2012.
- d. H.R Bakhsheshi-Rad, M. R Abdul-Kadir, **M. H. Idris**, S. Farahany. 'Relationship between the corrosion behaviour and the thermal characteristics and microstructure of Mg-0.5Ca-xZn alloys'. Corrosion Science, vols. 64, 184-197, 2012.
- e. Tuti Yasmin Alias, **Mohd Hasbullah Idris**, Zuraida Ahmad, Ali Ourdjini. 'Rheological Behaviour and Stability of Cassava Starch for Ceramic Mould Binder Application'. Advanced Materials Research , vol. 576, pp 162-165, 2012.

6. Research Grants received :

Year	Vot No.	Title	Role*	Amount	Funding Institution
1998	71244	Processing of Magnesium-base alloy using the ceramic shell investment casting process	L	RM20,000	UPP, UTM
1999	03-02-06-0202	Quality optimisation of precision cast magnesium-base alloys for aerospace applications	R	RM255,000	IRPA, MOSTE
2004	74273	Precision investment casting of aluminium turbo charger impeller	L	RM172,000	IRPA, MOSTE
2005	79132	Establishing the quality hydroxyapatite on medical grade implant using investment casting process	L	RM381,000	e-Science, MOSTI
2007	79360	Development of Mg-Ca alloy for bone scaffolding	L	RM252,000	e-science, MOSTI

**L: Project Leader, R: Researcher or Member*

7. Consultancy involvements :

Project Title	Name of Company/Organisation	Role*	Project Cost
Technical for the Setting up of a PROTON water pump assembly	Rahman Brothers Sdn Bhd	R	RM18,000
Training and Development of Operation and Maintenance System at Juaseh and Sg. Lebam Water Supply Dam for SAJ Holdings Sdn Bhd	SAJ Holdings Sdn Bhd	R	RM70,000
Technical Proposal for Plant layout and equipment selection for Quadtrol Sdn Bhd	Quadtrol Sdn Bhd, Bukit Rambai Industrial Estate, Melaka	R	RM110,000

**L: Project Leader, R: Researcher or Member*

8. Past Working Experience(s) :

Year (From/To)	Employer Name	Position
1986 -1989	Kulitkraf Sdn Bhd	Production Executive
1989-1991	Aluminium Company of Malaysia Berhad (ALCOM)	Remelt Superintendent
1991-2012	Universiti Teknologi Malaysia	Assoc. Prof.

9. Teaching Experience (List of courses taught) :

Code	Name of courses	B.Eng/MSc
SMP5753	Casting Technology	B. Eng
SME3623	Mechanical Properties of Materials	B. Eng
SME 2713	Manufacturing Processes	B. Eng
MMP2653	Precision Engineering	MSc
MMP1653	Manufacturing Science	MSc
MMN1113	Production Operation Management	MSc