



CURRICULUM VITAE FOR ACADEMIC STAFF

1. Name : SAFIAN BIN SHARIF

2. Academic Qualification :

Year	Name of Degree / Diploma	Awarding Institution
1981	Diploma in Mechanical Engineering,	Ngee Ann Polytechnic, Singapore
1986	Bachelor of Engineering (Hons) Mechanical Engineering (Production)	Universiti Teknologi Malaysia
1991	Master of Science (Advanced Manufacturing Technology),	UMIST, Manchester, United Kingdom
2000	PhD (Machining)	Coventry, United Kingdom

3. Professional Qualification :

Professional Engineer (Ir.)

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

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

Others, please specify :

4. Professional Membership :

IIE

IAENG

MINDS

SME

SAE

RINA

ASME

IEM

IMarEST

ASQ

MSET

IMM

ASHRAE

IEEE

Other:BEM.....

IEM

5. List of Publication (5 recent publications)

- P. L. Tan, Safian Sharif and Izman Sudin, "Roughness Models for Sanded Wood Surfaces", Wood Science and Technology , Vol. 46 (1-3), (2012), pp 129 – 142., Springer*
- Sharif, S., Akhavan Farid, A., Idris, M.H., "Tool life Prediction Model of Uncoated Carbide Tool in High Speed Drilling of Al-Si alloy Using Response Surface Methodology " International Journal of Surface Science and Engineering 6 (1-2), (2012), pp. 112-121*

- c. Marwah, O.M.F., **Sharif, S.** and Ibrahim, M., "Direct Fabrication of IC Sacrificial Patterns via Rapid Prototyping Approaches", International Journal of Automation Technology 6 (5), (2012), pp. 570-575
- d. A. Akhavan Farid, **S. Sharif** and M.H. Idris, "Surface Integrity Study of High Speed Drilling of Al-Si Alloy Using HSS Drill", Journal of Engineering Manufacture, Proc. of Institutional of Mechanical Engineers, Part B, Vol. 225, Issue 7 (2011), pp 1001 – 1007, ISSN 0954-4054, SAGE.
- e. Azlan Mohd Zain, Habibollah Haron and **Safian Sharif**, "Estimation of the Minimum Machining Performance in the Abrasive Waterjet Machining Using Integrated ANN-SA". Expert Systems with Applications. 38 (2011), 8316 - 8326, Elsevier

6. Research Grants received :

Year	Vot No.	Title	Role*	Amount	Funding Institution
2011 - 2013	QJ13000.7142.02 H43	Evaluation of Coolant Strategies in High Speed Machining (HSM) of Advanced Materials	L	150,000.00	UTM
2010 - 2013	FRGS/2/10/TK/UTM/01/22, Vot 78682	Modeling and Performance Prediction of Diamond Coated Carbide Cutting Tools in Machining Wood-Based Products	L	48,680.00	MOHE/FRGS
2006 - 2008	03-01-06-SF0047/ Vot 79065	Performance Evaluation of Advanced Finish Sanding on Wood Surface	L	234,920.00	MOSTI/EScience
2007 - 2008	Vot 78055	Feasibility Study of Using Vegetable Oil as a Cutting Lubricant Through the Use of Minimum Quantity Lubrication during Machining	L	50,000.00	MOHE/FRGS
2003 - 2006	03-03-03-0068 PR0074/03-01/Vot: 74545	Development of Endmills. Drills and Turning Tools From Ultra Fine Grained Carbides and Oxides for Aerospace and Mold and Die	Sub Project Leader	1,583,000.00	MOSTE/IRPA Top Down Project

*L: Project Leader, R: Researcher or Member

7. Consultancy involvements :

Project Title	Name of Company/Organisation	Role*	Project Cost
Conducting a Short Course on	MARA	L	3,4000.00

Geometrical Dimensioning & Tolerancing (GD&T) for MARA staffs at UTM Skudai, 5 – 9 Nov 2012			
Consultant for Workshop on OBE Implementation at Sunway University staffs, 13 October 2012	Sunway University	R	9,000.00
Consultant for Academic Review Retreat Series 01/2012: OBE Implementataion for UniKL-IPROM staffs, 19 – 20 May 2012, Flamingo Hotel, Selangor	UniKL-IPROM	L	4,500.00
Trainer for 4th Internal Auditor Training (Establishment) for UniKL Auditors, 7 – 8 Mac. 2012, UniKL-MFI, Bangi , Selangor.	UniKL	L	3,600.00
A Comprehensive Study For Presentation as a Response on the National Automotive Policy to the Government, Sponsor by Malaysia Automotive Recyclers Assoictaion (MAARA), Dec. 2010 – June 2011	Malaysia Automotive Recyclers Association (MAARA)	R	20,000.00

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

8. Past Working Experience(s) :

Year (From/To)	Employer Name	Position
2008 till now	Universiti Teknologi Malaysia	Professor
2000 - 2007	Universiti Teknologi Malaysia	Associate Professor
1989 - 2000	Universiti Teknologi Malaysia	Lecturer
1988 - 1989	Universiti Teknologi Malaysia	Assistant Lecturer A
1986-1988	Hitachi Consumer Products (M) Sdn. Bhd	Engineer

9. Teaching Experience (List of courses taught) :

Code	Name of courses	B.Eng/MSc
SME 2713	Manufacturing Processes	B. Eng
SMP 4712/SMR 4722/SMU 3742	Advanced Manufacturing	B. Eng
SMP 4722/ SMR 4712	Design for Manufacture and Assembly	B. Eng.
SME 3813	Industrial Engineering	B. Eng.
MMP 1663	Design for Manufacture and Assembly	M. Eng
MMP 1613	Product Design and Manufacture	M. Eng
MMP 1653	Manufacturing Science	M. Eng
MMN 1903	Research Methodology	M. Eng