

CURRICULUM VITAE 2018



1. Name: **TAN CHYE LIH**
2. Date of Birth : 05 August 1987
3. IC No./ Passport: 870805-35-5386
4. Designation: Senior Lecturer
5. Work Address: School of Manufacturing Engineering
Universiti Malaysia Perlis
Kampus Alam Pauh Putra,
02600 Arau, Perlis, Malaysia.
6. Tel. : 04- 9885087
7. Mobile Phone : 017-4209335
8. Email : chyelih@unimap.edu.my /
chyelih@gmail.com
9. Academic Qualifications:
 1. PhD in Manufacturing Engineering (Machinability of hybrid composite), Universiti Malaysia Perlis, (Malaysia, 2016)
 2. Bachelor (Hons.) of Engineering (Manufacturing), Universiti Malaysia Perlis, 2012.
10. Professional Membership:
 1. Graduate Engineer, Board Of Engineers Malaysia, (GE91462A)

11. APPOINTMENTS/ WORKING EXPERIENCES:

2. Graduate Technologists, Malaysia Board of Technologists, 2017
3. Professional Technologists, Malaysia Board of Technologists, 2018

Sale Assistant, (Dec 2007- July 2008)
Sumitomo Machinery And Tools

Tutor, (Nov 2013 – Dec 2013)
School Manufacturing Engineering
Manufacturing Students , RK13 , 3 year

Research Assistance, (Feb 2015 – Feb 2016)
School Manufacturing Engineering under
Dr. Azwan Iskandar bin Azmi, UniMAP,
Perlis.

Doctoral Candidate, (Oct 2012-Sept 2016)
School Manufacturing Engineering under
Dr. Azwan Iskandar bin Azmi, UniMAP,
Perlis.

Senior Lecturer , (Dec 2016 until now)
School Manufacturing Engineering under
manufacturing program, UniMAP, Perlis.

Coordinator for Industrial Networking And Quality Management, (March 2017 until now)
School of Manufacturing Engineering,
UniMAP, Perlis.

12. Field(s) of Specialization:

Manufacturing Process, Advanced Machining and Material Analysis.

13. Current Research Areas / Topics :

Machinability of Aerospace Materials, hybrid Composite Materials, Natural Composite and EDM Coating.

14. Number of Ongoing Postgraduate Students Supervised:

Program	As a Main Supervisor	As a Co-Supervisor
Masters	1	1
FYP	3	4

15. Achievements/Awards:

- Advanced Material for Aerospace Components, Silver Medal, Ekspo Rekacipta & Pameran Penyelidikan UniMAP 2013
- Drilling Performance on Advanced Materials, Bronze Metal, Manufacturing Postgraduate Colloquium UniMap 2015.

16. Msc Examiner(s)

17. Teaching Responsibilities:

SESSION	SEMESTER	CODE	SUBJECT	CREDIT
2016/2017	1	BFT 218	Introduction to Manufacturing Technology	3
		EPT 445/446	Final Year Project 2	4
2016/2017	2	BFT 112	Introduction to Engineering	3

		EPT 312	Vibration And Mechanics Of Machines	3
		ENT 346	Vibration Mechanics	3
		EIT 302	Industrial Training	3
2017/2018	1	EPT 385	Metrology and Quality Control	3
		EPT 445/446	Final Year Project 1	2
2017/2018	2	EPT 386	Design For Manufacture And Assembly (DFMA)	3

18. List of Publications (Latest):

1. Tan, C. L., Azmi, A. I., & Muhammad, N. 'On Improvement of Mechanical Properties of Hybrid FRP Composites via VARTM and Rule of Mixture' *Journal Teknologi*, Accepted on 12 January 2016.
2. Tan, C. L., Azmi, A. I., & Muhammad, N. 'Performance Evaluations of Carbon/Glass Hybrid Polymer Composites'. *Advanced Materials Research*, vol. 980, 8–12, 2014
3. Tan, C. L., Azmi, A. I., & Muhammad, N. 'Delamination and Surface Roughness Analyses in Drilling Hybrid Carbon/Glass Composite'. *Materials and Manufacturing Processes*, vol. 31(10), 1366-1376, 2016. (IF=1.419)
4. Keh, G. Z., Tan, C.L., Azmi, A. I., Leong, K. W., & Radzi, M. N. M. 'Delamination Analyses of GFRP Composites under High Speed Conditions and Various Drill Geometries' *Advanced Materials Research* , vol. 1133(1662-8985), 126 – 130, 2016.
5. Tan, C. L., Azmi, A. I., & Muhammad, N. 'Surface Roughness Analysis of Carbon/Glass Hybrid Polymer Composites in Drilling Process Based on Taguchi and Response Surface Methodology'. *Advanced Materials Research*, vol. 1119, 622-627, 2016.
6. Tan, C. L., Azmi, A. I., & Muhammad, N. 'Analytical study of critical thrust force for on-set delamination damage of drilling hybrid carbon/glass composites', *International Journal of Advanced Manufacturing Technology*, vol. 92, 1-3, 2017
7. C.L. Tan, A.I. Azmi, & N. Muhammad. 'Mechanical performance of carbon and glass fibre reinforced polymer hybrid composites', *International Conference on Engineering and Management (IPCCEM)*, 2013.
8. Irina, M. M. W., Tan, C. L., Azmi, A. I., Leong, K. W., & Mohd Radzi, M. N. 'Evaluations of Mechanical Properties and Residual Strength of Drilled Glass Fibre Reinforced Polymer (GFRP) Composites.' *Applied Mechanics and Materials*, vol. 660, 270–274, 2014.
9. Tan, C. L., Azmi, A. I., Muhammad, N., Khalil, A. N. M., & Leong, K. W. 'Delamination analysis of carbon/glass hybrid polymer composites in drilling process'. *International Journal of Scientific & Engineering Research*, vol. 6(9), 216–219, 2016

Date the CV was updated : 20 February 2018