



# CURRICULUM VITAE

**DR. LIM WEI JER**  
**ASSISTANT PROFESSOR**  
**FACULTY OF ENGINEERING & INFORMATION**  
**TECHNOLOGY**  
wjlim@sc.edu.my



## 1. Academic Qualification

No.	QUALIFICATION	FIELD OF SPECILIZATION	NAME OF AWARDDING INSITUTION & COUNTRY	START DATE – END DATE
1.	Doctor of Philosophy	Mechatronic Engineering	Universiti Malaysia Perlis (Unimap) Malaysia	July 2015 – November 2019
2.	Master of Science	Microelectronic Engineering	Universiti Malaysia Perlis (Unimap) Malaysia	January 2012 - September 2015
3.	Bachelor of Engineering (Honours)	Microelectronic Engineering	Universiti Malaysia Perlis (Unimap) Malaysia	July 2007 – September 2011
4.				
5.				

## 2. PREVIOUS EMPLOYMENT RECORD

No.	START DATE – END DATE	POSITION	JOB NATURE	EMPLOYER / COMPANY
1.	December 2019 – May 2020	Teacher	Teaching	Paragon Private and International School
2.	August 2019 – December 2019	Part time lecturer	Teaching	Southern University College
3.				
4.				
5.				



# CURRICULUM VITAE

### 3. PROFESSIONAL QUALIFICATION / MEMBERSHIP (NATIONAL / INTERNATIONAL)

No.	TYPE OF QUALIFICATIONS / MEMBERSHIP	GOVERNED BY WHICH BODY / COMPANY / ASSOCIATION / OTHERS	AWARDED YEAR / MEMBERSHIP DURATION
1.	Graduate Engineer	Board Of Engineers Malaysia	January 2013
2.			
3.			

### 4. RECOGNITION AWARD (NATIONAL / INTERNATIONAL)

No.	TYPE OF AWARD RECEIVED	RECEIVED FROM WHICH BODY / COMPANY / ASSOCIATION / OTHERS	RECEIVED YEAR
1.			
2.			
3.			

### 5. CONSULTANCY SERVICES / COMMUNITY SERVICES

No.	ORGANIZATION / EVENT / PROJECT	DATE / DURATION	VENUE / COMPANY	ROLE / POSITION
1.				
2.				
3.				
4.				
5.				



## 6. CONFERENCES AND TRAININGS

No.	TITLE OF THE CONFERENCES / TRAINING	DATE	TRAINING VENUE	ORGANIZE BY SPEAKER / TRAINER
1.	Java Programming Language, Java SE6	13 July 2012	Universiti Sains Malaysia	Tan Tee Hean
2.				
3.				
4.				
5.				

## 7. RESEARCH AND PUBLICATION

### Journal

#### 2018

1. **Lim Wei Jer**, M Hariharan, Vikneswaran Vijean, Haniza Yazid, Lim Chee Chin. "Infant Cry Classification Using Dual Tree Complex Wavelet Transform Features". *Advanced Science Letters*, 2018, 24.3: 1741-1744.
2. **Wei Jer Lim**, Hariharan Muthusamy, Vikneswaran Vijean, Haniza Yazid, Thiyagar Nadarajaw, Sazali Yaacob. "Dual-Tree Complex Wavelet Packet Transform and Feature Selection Techniques for Infant Cry Classification." *Journal of Telecommunication, Electronic and Computer Engineering (JTEC)* 10.1-16 (2018): 75-79.

#### 2015

1. **Lim, Wei Jer**, Asral Bahari Jambek, and Siew Chin Neoh. "Kursawe and ZDT functions optimization using hybrid micro genetic algorithm (HMGA)." *Soft Computing* (2015): 1-10. (Impact Factor: 1.63)

#### 2013

1. Neoh Siew Chin, Izatul Syafina Ishak, **Lim Wei Jer**, Arjuna Marzuki. Intelligent GA Optimizer for Single Supply Operational Amplifier and MMIC Low Noise Amplifier, 17-21. *Malaysian Journal of Fundamental and Applied Sciences*, Vol 10, No 1. 2013

## Book Chapter

### 2015

1. **Lim, W.**, A. Jambek, H. A. Sulaiman, M. A. Othman, M. Z. A. Abd. Aziz and M. F. Abd Malek. (2015). Strength Pareto Evolutionary Algorithm 2 in Optimizing Ninth Order Multiple Feedback Chebyshev Low Pass Filter. Theory and Applications of Applied Electromagnetics. Springer International Publishing. 344: 31-39. (Scopus Indexed)

### 2013

1. S.C. Neoh, A. Marzuki, **W.J. Lim**, and W.S. Low (2013), 'Evolutionary Approach for 5 GHz Monolithic Microwave Integrated Circuit (MMIC) Amplifier Design Optimization. Integrated Electronics: Design and Systems, pp. 45-56, UniMAP, Malaysia'.

## Conference

### 2016

1. **Wei Jer Lim**, Hariharan Muthusamy, Haniza Yazid, Sazali Yaacob, and Thiyagar Nadarajaw. Dual tree complex Wavelet Packet Transform based infant cry classification. AIP Conference Proceeding 1775, 030049 (2016); doi: 10.1063/1.4965169 (Scopus Indexed)

### 2015

1. **Wei Jer Lim**, Siew Chin Neoh, Mohd Natashah Norizan, and Ili Salwani Mohamad (2015). Non-dominated sorting genetic algorithm in optimizing ninth order multiple feedback Chebyshev low pass filter. AIP Conference Proceedings 1660, 070073 (2015); doi: 10.1063/1.4915791 (Scopus Indexed)

### 2014

1. Siew Chin Neoh, **Wei Jer Lim**, Tey Kian Meng, 'CMIZER-Collaboration with Myreka Sdn Bhd. The Second National Conference on Knowledge Transfer (KTP 02)', Putrajaya, Kuala Lumpur, 9th-11th September 2014.

### 2013

1. Siew Chin Neoh, **Wei Jer Lim**, Choo Jun Tan, Chee Peng Lim, 'Circuit Optimizer (Cmizer). The First National Conference on Knowledge Transfer (KTP 01)', Bangi, Kuala Lumpur, 21st-23rd August 2013.

### 2012

1. **Lim Wei Jer.**, Gerald Lee Jun Xiong, Siew Chin Neoh. GA-based Optimization for Circuit Design Assistance. Intelligent Systems, Modelling and Simulation (ISMS), 2012 Third International Conference. (Scopus Indexed)



# CURRICULUM VITAE

## 8. OTHER ADDITIONAL ADMINISTRATIVE RESPONSIBILITIES

No.	POSITION (APPOINTMENT)	FACULTY / DIVISION / DEPARTMENT	START DATE – END DATE
1.			
2.			

## 9. OTHER RELEVANT INFORMATION

- 1.
- 2.
- 3.