

# CURRICULUM VITAE

**DR. LIM WEI JER**  
**ASSISTANT PROFESSOR**  
**FACULTY OF ENGINEERING & INFORMATION**  
**TECHNOLOGY**  
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## 1. Academic Qualification

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

## 2. EMPLOYMENT RECORD

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



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### 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

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

No.	TYPE OF AWARD RECEIVED	RECEIVED FROM WHICH BODY / COMPANY / ASSOCIATION / OTHERS	RECEIVED YEAR
1.	Special Award and Gold Award (Dielectric Materials Measurement System)	Malaysia Technology Expo 2021 (MTE2021)	2021
2.	Special Award (Dielectric Material Measurement System)	Virtual Research and Innovation Exhibition (EREKA 2021)	2021
3.	GOLD Award (Brain Computer Interface Drone in 21 <sup>st</sup> Century)	Virtual Expo of Innovation Product and System Design (VIDE) 2020	2020
4	GOLD Award (Dielectric Probe Sensor Kits)	Virtual Expo of Innovation Product and System Design (VIDE) 2020	2020

### 5. OTHER ADDITIONAL ADMINISTRATIVE RESPONSIBILITIES

No.	POSITION (APPOINTMENT)	FACULTY / DIVISION / DEPARTMENT	START DATE – END DATE
1.	Deputy Dean	Institute of Graduate Studies and Research, Southern University College	1 January 2021- Current
2.	Editorial Board Member	Advance and Sustainable Technologies (ASET) Faculty of Mechanical Engineering Technology , Universiti Malaysia Perlis	2021-2023



## 6. CONFERENCES AND TRAININGS

No.	TITLE OF THE CONFERENCES / TRAINING	DATE	TRAINING VENUE	ORGANIZE BY SPEAKER / TRAINER
1.	Virtual Webinar on Writing & Evaluating Research Proposal	9 June 2021	Webinar	Prof. Dr. Ahmad Ariffian Bin Bujang
2.	Linux Workshop I	8 February 2021	Webinar	Assoc. Prof. Dr. Ong Teong Joo
3.	Pedagogy	8 October 2020	Southern University College	Ms. Marsha Lavanaia
4.	DEE Induction Course (OBE, SOP, and Forms)	6 October 2020	Southern University College	Assoc. Prof. Dr. Sim Hiew Moi
5.	Company Emergency Response Team (CERTs)	9 & 10 July 2020	Southern University College	Lim Kim Leng
6.	Outcome Based Education Training	18 June 2020	Southern University College	Assoc. Prof. Dr. Sim Hiew Moi
7.	Java Programming Language, Java SE6	13 July 2012	Universiti Sains Malaysia	Tan Tee Hean

## 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

### 2021

1. Bunseng Chan, Charlie Soh; Kang Eng Siew, Hui Seng Kheong, **Lim Wei Jer**, Ismail Saad, Nurmin Bolong, "High-k Gate Dielectric Nano-FET Leakage Current Analysis," 2021 IEEE 19th Student Conference on Research and Development (SCoReD), 2021, pp. 130-134, doi: 10.1109/SCoReD53546.2021.9652730.

### 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



**SOUTHERN**  
UNIVERSITY COLLEGE  
南方大學學院

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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)