

## Curriculum Vitae



### **Dr. Ng Mei Zhen**

Lecturer

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## Education Qualifications

2017	PhD Materials Science and Engineering, Nanyang Technological University
2010	B.Eng (Hons) Materials Science and Engineering, Nanyang Technological University

## Academic and Professional Experience

2021- Present	Lecturer, Singapore University of Social Sciences
2016 – 2021	Senior Engineer, Globalfoundries Singapore Pte Ltd
2015 – 2016	Project Officer, Nanyang Technological University

## Research Interests

- Work-based Learning
- Social Media and its influences
- Critical Core Skills Competency

## Selected Publications

**JD Lim, MZ Ng, K Yamane, CS Seet US Patent App. 16/548,854 (2021)**

Memory device and method of forming the same

**BH Lee, CL Gan, MZ Ng, AA Zinn US Patent 10,202,512 (2019)**

Conductive paste, method for forming an interconnection and electrical device

**Dai, Y. Y., M. Z. Ng, P. Anantha, Y. D. Lin, Z. G. Li, C. L. Gan, and C. S. Tan Applied Physics Letters 108, no. 26 (2016)**

Enhanced copper micro/nano-particle mixed paste sintered at low temperature for 3D interconnects

**BH Lee, MZ Ng, AA Zinn, CL Gan, IEEE 17th Electronics Packaging and Technology Conference (EPTC) (2015)**

Application of copper nanoparticles as die attachment for high power LED, 2015