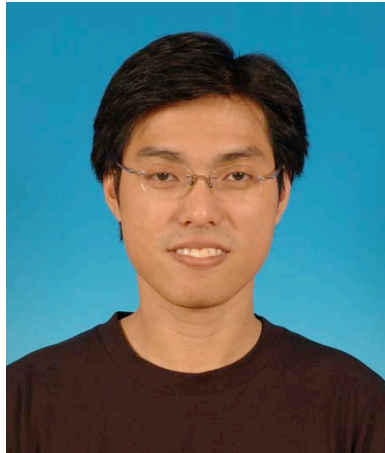


Sr. Lecturer

**YEOH CHEOW KEAT**



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**Professional Experience:**

Lecturer, School of Materials Engineering, UniMAP 2009-Present

## **Research Contributions:**

Electronic materials  
Thermoelectric materials  
Electronic packaging materials

## **Teaching Contributions:**

Courses taught are in the areas of: Engineering Drawing, Quality Control, Process Control, Advanced Electronic Packaging, Advanced Materials Engineering, and Electronic Materials Engineering.

## **Current and Recent Researchers:**

### **Current Research Students**

Lim Joon Hoong (PhD) - Synthesis and characterization of Al doped ZnO based Ceramics for thermoelectric applications

Khairul-Amali Bin Hamzah (PhD) - Mechanical and Thermal Properties of CuFe<sub>2</sub>O<sub>4</sub>- Polymer Composites Fabricated Using a 3D Printer

Aw Yah Yun (PhD) - Mechanical And Thermoelectric Properties of Conductive ABS-ZnO Composite

Shulizawati Aqzna Binti Sazali (PhD) - Input Power And Composition Dependence Of Thermoelectric Properties In Ni (X) Zn (1-X) Fe<sub>2</sub>O<sub>4</sub>- Composites.

Wan Mohd Arif W Ibrahim (Msc) -Study in Liquid Cooling Thermal Management for Electronic Packaging via Simulation Approached and Experimental Study.

## **Honours, Awards and Memberships:**

2007: Board of Engineers Malaysia (BEM) – Graduate Engineer  
2007: Institute of Engineers Malaysia (IEM) – Graduate Engineer

## **Research Funding:**

Short Term Grant UniMAP - Thermal Heat Management For Electronic Packaging (2010-2011).  
Fundamental Research Grant Scheme (FRGS) - Fundamental Study of Low Cost Thermoelectric Materials for Waste Energy Harvesting (2010-2013).  
Fundamental Research Grant Scheme (FRGS) - Temperature and Composition Dependence Study Of Thermoelectric Properties In Doped  $\text{CuFe}_2\text{O}_4$  And  $\text{Ni}_{(x)}\text{Zn}_{(1-x)}\text{Fe}_2\text{O}_4$  For Harvesting Heat Energy In Automotive Applications (2013-2016).

## **Some Recent Publications**

M.A. Faris, C.K. Yeoh, W.M. Arif, P.L. Teh and N. Abdullah. (2013). The effect of stoichiometry to the phase formation of barium titanate. *Advanced Materials Research*, 620: 198-202.  
J.H. Lim, C.K. Yeoh, P.L. Teh, A. Chik and W.M. Arif. (2013). Effect of Al Doping Concentration to the Physical and Thermoelectric Properties of Zinc Oxide. *Australian Journal of Basic And Applied Sciences*, Vol .(5): 21-25.  
W.M. Arif, C.K. Yeoh, P.L. Teh, J.H. Lim and Noorina H.J. (2013). Effect of process parameters on the cooling performance of liquid cooling system for electronic application. *Advanced Materials Research*, Vol.795: 591-596.  
J.H. Lim, C.K. Yeoh, P.L. Teh, W.M. Arif and A. Chik. (2013). The effect of Sintering Temperature to the Properties of Zinc Oxide. *Advanced Materials Research*, Vol .795: 419-423.

J.L. Phua, P. L. Teh, A.G. Supri, C. K. Yeoh, S.N. Ishak. (2013). The Properties of Recycled Copper Filled Epoxy/Unsaturated Polyester Composites. *Advanced Materials Research*, Vol .795: 407-413.

W.M. Arif, C.K. Yeoh, P.L. Teh, J.H. Lim and Noorina H.J. (2013). Effect of process parameters on the cooling performance of liquid cooling system for electronic application. *ICoSM 2013: International Conference on Sustainable Materials Engineering*. 26-27 March 2013.

J.H Lim, C.K.Yeoh, P.L. Teh, W.M.Arif, and A.Chik. (2013). The Effect of Sintering Temperature to the Properties of Zinc Oxide. *ICoSM 2013: International Conference on Sustainable Materials Engineering*. 26-27 March 2013.

W. N. F. Wan Hamad, P. L. Teh & C. K. Yeoh. (2013). Effect of Acetic Acid as Catalyst on the Properties of Epoxy Foam. *Polymer-Plastics Technology and Engineering*, 52 (8): 754-760.

M. N. F. Pargi , P. L. Teh, H. Salmah and C. K. Yeoh. (2015). The Effect of Coarse Particle Size on the Properties of Recycled Copper Filled Epoxy Composites. *Polymer Plastic Technology & Engineering*, 54(3), 265-269.