



Ir. Ts. Nik Mohd. Zaitul Akmal Bin Mustapha
Senior Vocational Training Officer
Tel: 609-424 6070, Fax: 609-424 6161
Email: nikmdzaitul@ump.edu.my



Academic Qualification

1. Master in Electrical Engineering, UTHM
2. Bachelor Degree in Electrical (Microelectronic) Engineering, UTM
3. Diploma in Electrical (Communication) Engineering, UTM

Brief Profile

Ir. Ts. Nik Mohd. Zaitul Akmal Bin Mustapha completed his Master Degree in Electrical Engineering from the University of Tun Hussien Onn, Batu Pahat, Johor, Malaysia. Currently he is working as Senior Training Vocational at the Center of Technology and Innovation, Universiti Malaysia Pahang (UMP), Malaysia. His has 10 years industrial working experience as product engineer in electronic consumer product manufacturing at multinational company. His field of expertise are EI Technique, SPC, FMEA, industrial and automation programming using programable logic controller(PLC) and embedded system and IOT for data control and monitoring.

Professional Qualification / Membership / Affiliation / Certification

1. Professional Engineer of Board of Engineer Malaysia (BEM)
2. Professional Technology of Board of Technology Malaysia (MBOT)
3. Corporate Member of Institution of Engineers, Malaysia (IEM)

Area of Interests / Expert

1. IE (Industrial Engineering) Technique – Man Machine Analysis, Time Standard, ROI, Process Analysis, Factory Efficiency, Line Balancing & Failure Mode Effect Analysis (FMEA)
2. SPC (Statistical Process Control)
3. Industrial PLC Programming – MELSEC (Mitsubishi) PLC, OMRON, SIEMEN
4. Embedded System and IOT- PIC, ARDUINO,ARM CORTEX, PI
5. PC Based Monitoring & Control-Data Acquisition card Advantech and National Instrument

Project Consultancy

1. Leader for Developed and Design An Electronic Angklung for UMP gallery (2012)
2. Coordinate the lab activity for Fourier Consultation (2015)