



By Ir. Dr. Leong Wai Yie

### **Biodata:**

Wai Yie received her PhD in Electrical Engineering (Hons I) from The University of Queensland (UQ), Brisbane, Australia in 2005. She has authored 6 book series and more than 100 papers that highlight the innovation on Electronics and Biomedical Signal Processing. Wai Yie is currently the EXCOMM Committee and Council Member of The Institution of Engineers Malaysia, Chairman of Women Engineers Section, Malaysia, Honorary Secretary of Women Engineers, The ASEAN Federation of Engineering Organisations (WEAFEO), Vice President of The Institution of Engineering and Technology (Malaysia Local Network), Malaysia Representative of Asia Pacific Nation Nation (APNN) and Committee Member of the World Federation of Engineering Organisation (Women in Engineering). She is specialized in big data analysis, medical signal processing and telecommunications, and has received the Australia Richard Jago Research Prize in 2004 and Australia Trailblazer Innovation Award in 2005. Wai Yie has been actively involving in Women In Technology (Brisbane) and has received the Smart-State-Smart-Women Award presented by Queensland Government, Australia, in 2005. She is the CEO of SmartBrain Sdn.Bhd, and has over 10 years research and industry experience in Australia, Singapore, United Kingdom and Malaysia, with special interest in biomedical signal & image processing, smart control, telecommunications and wireless sensor networks. . She also the 2013 Young Scientist (by Academy of Sciences Malaysia), and has been elected as a Chair of International Networking for Young Scientists Network-Academy of Sciences Malaysia (YSN-ASM). LEONG Wai Yie is currently the Secretary of Rawang Wuxing Taiji Association. She has participated in National and International Wushu Tournaments winning more than 30 Wushu awards including traditional Taichi, Taichi sobre, Taichi fan and Taichi sword