

## **ASSOC. PROF. IR. DR. AHMAD SABIRIN ZOOLFAKAR**

Associate Professor Ir. Dr. Ahmad Sabirin Zoolfakar received his Bachelor of Engineering in Electrical from Universiti Malaya and MSc degree in Microelectronic Systems and Telecommunications from The University of Liverpool in 2001 and 2002 respectively. Then he continues his study in nanotechnology and received his Ph.D degree from Royal Melbourne Institute of Technology (RMIT University) in 2014. He has almost six years working experienced in industry related to electronics and semiconductors. In 2001, he joined MIMOS Berhad as junior researcher. Then, in 2006 he was promoted to researcher. Currently, he is working as a lecturer in School of Electrical Engineering, College of Engineering (Universiti Teknologi MARA (UiTM)) since 2007 and he was promoted as Associate Professor in 2018. He has vast experienced in nanotechnology particularly related to transition metal oxides for sensor devices and was invited to share his expertise through research, workshop, consultancies, and conferences both locally and internationally. His vast knowledge in this area has also led to publications in journals and conference proceedings. To date, he has written almost 52 manuscripts in high impact factor journal as well as more than 76 manuscripts in conference proceedings (H index: 22, citation: 2183). He is the chief editor of Journal of Electrical, Electronic System Research (JEESR). He has received several important recognitions to his research career, including the RMIT University Doctoral Research Excellence Prize. He is also active in professional societies, and he is the current chair of Institute of Electrical Electronic Engineer Electronic Device Society (IEEE EDS) Malaysia Chapter and he used to be IEEE Executive member of IEEE Malaysia Section under Student Activities portfolio in 2009. Additionally, he used to be IEEE UiTM student Branch Counsellor for three years (2008 till 2010). Ahmad Sabirin is also a Professional Engineer of Board of Engineer Malaysia as well as companion member of The Institution of Engineers Malaysia. He is also actively involved in proliferating EDS-related STEM education among Malaysian pre-university as well as primary and secondary school students. He is the recipient of the IEEE EDS Humanitarian Fund worth USD30,000 for the STEM program "Bridging Stem Inequalities Amongst the Underrepresented Children Communities in Malaysia" and "STEAM-Based Education for Special Needs Children" which are currently being implemented in collaboration with Universiti Teknologi MARA as well as National STEM Centre, Ministry of Education Malaysia.