

WAN NURSHAZWANI WAN ZAKARIA



Assoc. Prof. Dr.
Universiti Teknologi MARA

<https://www.linkedin.com/in/wan-nurshazwani/>

Wan Nurshazwani is an associate professor in the College of Engineering, Universiti Teknologi MARA where she has been a faculty member since 2022. Currently, she is the head of UiTM-Toyohashi University of Technology Collaboration Lab which she received funding from Japan to foster stronger international academic and industry collaboration.

Wan Nurshazwani graduated from Chiba University, Japan of BEng in Electronics and Mechanical Engineering, PhD in Robotics and MSc in Mechatronics from Newcastle University, UK. She began her academic career in Universiti Tun Hussein Onn Malaysia (UTHM), and actively engaged in research related to Robotics, Intelligent Mechatronic Systems and Computer Aided Diagnosis. She has published over 70 refereed journal and conference articles and received more than 17 academics and research awards.

Apart from holding academic management roles such as the Head of Department of Mechatronics & Robotics Engineering, and Electronics Engineering, she also was involved in developing various undergraduate and postgraduate academic engineering programs. Wan Nurshazwani is also a Fellow and Senior Engineering Expert for *innovationlab.my*, a collaboration project with Fraunhofer Institute of Mechatronics, Germany, which aims to empower academia-industry linkage with cutting edge technologies to stay ahead in the age of the Fourth Industrial Revolution.

IEEE Accomplishments and Activities

(M'14)

COMMITTEES/BOARDS: N/A

REGION: N/A

MALAYSIA SECTION: N/A

IEEE TECHNICAL SOCIETY MALAYSIA CHAPTERS: IEEE ROBOTICS AND AUTOMATION SOCIETY (IEEE RAS)

CONFERENCES: International Symposium on Robotics and Manufacturing Automation (IEEE ROMA)

IEEE Accomplishments

Societies: IEEE RAS Excomm (2015, 2019-2022), Secretary (2016-2017), IEEE RAS Excellence In Community Service & Corporate Social Responsibility Award (2020)

Section: N/A

Region: N/A

Statement

Mission Statement:

To contribute towards making IEEE Malaysia Section an essential and renowned technical society focusing on education, innovation and professional growth.

Position Statement:

My goal is to establish IEEE Malaysia Section as a platform that focuses on improving education and encouraging innovation at all levels for members and community.

Innovation is an important aspect for small groups and SMEs to create disruptive technologies, which leads to economic growth and human progress. The Section should strengthen this by promoting knowledge, know-how and resources as enablers and collaborators to the community. This is where IEEE Society can get involve and offer our expertise and idea, which in turn will drive for more opportunities and collaboration. In the same time, this will be an eye opener for non-members to actively participate and be part of the society.

In addition, The Section can empower and attract the next generation of technical experts by supporting STEM engagement, student chapters, and our YP and WIE affinity groups with structured activities and initiatives. One of the main agenda is to bridge STEM talent gap with industry and provide opportunity through dynamic and engaging activities such as STEM Hackathon and innovative community service.