

February 11, 2023

**ROZITA JAILANI**

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Ir. Dr Rozita Jailani is an Associate Professor in Faculty of Electrical Engineering, Fellow at Integrative Pharmacogenomics Institute, UiTM and Visiting Scholar at Eureka Robotics Centre, Cardiff Metropolitan University, UK. Her research interests are in Biomedical Engineering in the areas of development of exoskeleton for rehabilitation and mobility, image processing for medical imaging, gait analysis of brain impaired patients and artificial intelligence system for many applications. Ir. Dr Rozita Jailani is currently a principal investigator for several International and National Grants total of more than RM1M and has been actively involved with research since 2002. She is the author of over 180 papers and technical reports and an active consultant for government and industry in these areas and owned more than 7 intellectual property rights. She has received more than 30 awards from various innovation exhibitions and competitions including special awards from MTE, Dreamcatcher and Royal Academy of Engineering, UK. She serves on the Editorial Board of the International Journal of Advanced Robotic Systems and reviewer and track chair for the many refereed conferences. She had previously won several international & national innovation awards and her works have been published in several local newspapers. Ir. Dr Rozita Jailani is a Senior Member of IEEE, member of IET and Board of Engineers, and a Technical Committee of Household Appliances (TCHA) for Department of Standard Malaysia. She is also a co-founder of Maker Talent for Digital Innovation (MTDI) Space. MTDI Space has secured more than RM1 million sponsorship from various organisations which has transformed the space into a hi-tech training centre especially for schools' teachers and students. Since 2017, with the set-up of MTDC space, many STEM related programs has been organised which gives the most impact to more than 3000 students and 1000 teachers and IEEE is the co-organiser for most of MTDI programs. This space has also become a reference for school robotics clubs in the Klang Valley.

IEEE Accomplishments and Activities

(GSM'02-M'05-SM'15)

COMMITTEES/BOARDS**REGION:**

- **2020 IEEE R10 Professional Activities**, Committee Member
- **2014 R10 Chapter Chairs Meeting**, Secretariat

MALAYSIA SECTION:

- **Secretary** 2014-2015,
- **Executive Committee** 2016
- **Award Committee** 2021-2023
- **IEEE Day 2020 and 2019 Award Ceremony**, Committee
- **Section Dinner and Award Ceremony**, Local Arrangement Chair, 2013-2016
- **Section Bowling Tournament**, Organising Committee, 2013

IEEE TECHNICAL SOCIETY MALAYSIA CHAPTERS:

- IEEE Women in Engineering (WIE) Malaysia Affinity Group: **Chair** 2013-2014, **Secretary** 2012
- IEEE Control System Society (CSS) Malaysia Chapter: **Secretary** 2017-2020, **Treasurer** 2013,2021-2023, 2016, **Excom** 2012, 2014-2015
- IEEE Industrial Electronics/Industrial Applications (IE/IA) Malaysia Joint Chapters: **Secretary** 2019-2023, **Excom** 2017-2018
- **Counsellor**, IEEE Universiti Teknologi MARA (UiTM) Student Branch 2013-2019

CONFERENCES:

- IEEE R10 Conference, **TENCON 2017**: Local Arrangement & Registration Chair.
- IEEE International Conference on Sensors, **ASIASENSE 2005**: Registration Chair

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- IEEE International Wireless and Telecommunications Symposium, **IWTS (20026)**: Secretariat
- IEEE International Colloquium on Signal Processing & Its Applications, **CSPA (2005-Present)**: Secretary & Finance Chair.
- IEEE Control and System Graduate Research Colloquium, **ICSGRC (2012-Present)**: Secretary & Finance Chair.
- IEEE International Conference on System Engineering and Technology, **ICSET (2013-Present)**: Secretary & Finance Chair.
- IEEE Conference on Systems, Process & Control, **ICSPC (2013-Present)**: Secretary & Finance Chair.
- IEEE International Conference on Automatic Control and Intelligent Systems, **I2CACIS (2016-Present)**: Secretary & Finance Chair.
- IEEE Symposium on Computer Applications & Industrial Electronics, **ISCAIE (2015-Present)**: Secretary & Finance Chair.
- Innovation & Commercialization of Medical Electronic Technology Conference, **ICMET (2015)**: Finance Chair.
- Student Conference on Research and Development, **SCOREd (2014-2016)**: Patron
- IEEE **WIE International Leadership Summit** 2017: Committee

IEEE ACCOMPLISHMENTS

SECTION:

- 2019 IEEE Malaysia Section Women in Engineering **Outstanding Volunteer**
- **Project Leader**, 2013 IEEE R10 WIE Support Fund (USD300): Engineering Outreach Program
- **Project Member**, 2015 IEEE Special Interest Group in Humanitarian Technology (SIGHT) (USD300)

REGION:

- IEEE Teacher in Service Program, **TISP Champion**
- Main Committee for **IEEE R10 Conference (TENCON) 2017**
- Committee, 2014 **IEEE R10 Section Meeting**
- PIC, collaboration with **IEEE CSS Indonesia Chapter** in co-organising ICSET since 2013.
- **Partnership for Innovation in Employability (PIE) Program for Women in STEM**, 2022-2024, £49,983.57 Grant from British Council: IEEE is a co-sponsor for the program.
- **PIE II for Women in STEAM-H**. 2023-2025, £54,981.00 Grant from British Council: IEEE is a co-sponsor for the program.
- Participant, **2013 IEEE R10 Student, Young Professional and WIE Congress, Hyderabad**
- Participant, **2014 IEEE Section Congress, Amsterdam**
- Participant, **2016 IEEE R10 TISP Training of Trainers, Bangkok**

STATEMENT

Mission Statement: My mission is for a proactive outreach and demonstrate the benefits of IEEE with networking opportunities in ensuring synergy and solidarity amongst IEEE members as part of a continuous professional development.

Position Statement: I started my involvement with IEEE as Graduate Student Member 20 years ago. I was a volunteer in numerous IEEE Malaysia activities, from small to high impact programs under 11 esteemed IEEE Malaysia Section Chairs. As a candidate nominated for IEEE Malaysia Section Chair-Elect, I am sincerely honoured to be given this opportunity to serve you and the IEEE Malaysia Section community. With all my experiences in IEEE, my goal is to optimise all section activities, to expand and strengthen communities by encouraging opportunities for members to be involved and hence to groom and train future leaders. I am frequently humbled by the incredible dedication and energy of our volunteers and would love to enable them to achieve more. It will be an honour to work with you to set in motion strategies that will have long-lasting value for our organization. To achieve this end, I would genuinely appreciate your support.