



**MAIZATUL ZOLKAPLI**

Ir. Dr.

Universiti Teknologi MARA, Shah Alam

Ir. Dr. Maizatul Zolkapli is a Senior Lecturer at School of Electrical Engineering, College of Engineering, Universiti Teknologi MARA

**IEEE Accomplishments and Activities**

(M'10-SM'18)

**COMMITTEES/BOARDS**

**IEEE TECHNICAL SOCIETY MALAYSIA CHAPTERS:**

- IEEE Electron Devices Society Malaysia Chapter, **Secretary** 2020-2022, **Excom** 2011-2013, 2019
- IEEE Photonics Society Malaysia Chapter, **Excom** 2018
- IEEE Universiti Teknologi MARA (UiTM) Student Branch, **Advisor II** 2022-2023

**CONFERENCES:**

- Committee, 2011 IEEE Regional Symposium on Micro and Nanoelectronics (**RSM 2011**)
- Committee, 2012 IEEE International Conference on Semiconductor Electronics (**ICSE 2012**)
- Publicity Chair, 2013 IEEE Regional Symposium on Micro and Nanoelectronics (**RSM 2013**)
- Assistant Hon. Secretary, 2014 IEEE International Conference on Semiconductor Electronics (**ICSE 2014**)
- Committee, 2015 IEEE Regional Symposium on Micro and Nanoelectronics (**RSM 2015**)
- Secretary, 2020 International Conference of Semiconductor Electronics (**ICSE 2020**)
- Logistic and Secretariat Committee, 2020 IEEE International Conference on Photonics (**ICP 2020**)
- Secretary, 2021 Regional Symposium on Micro and Nanoelectronics (**RSM2021**)
- Secretary, 2022 International Conference of Semiconductor Electronics (**ICSE 2022**)
- Sponsorship Committee, 2022 IEEE International Conference on Photonics (**ICP 2022**)
- Vice Chair, 2023 Regional Symposium on Micro and Nanoelectronics (**RSM2023**)
- Technical Program Chair, 2024 IEEE International Conference on Photonics (**ICP 2024**)

**IEEE Accomplishments**

**Region:**

- **Member of Delegations** of EDS Malaysia Chapter for a visit to Institute Teknologi Bandung, Indonesia on 25th August 2018 organized by EDS Indonesia Chapter. The total delegates comprised of 4 lecturers and 4 students from UiTM, UKM and UM.

- **Recipient and Project Leader**, 2021 IEEE R10 EA Grant: Reaching Local Initiatives. The title of the project is Enriching orphans through curiosity with graphite. (USD 150)
- **Recipient and Project Leader**, 2021 IEEE HAC/SIGHT Projects - Focus on COVID-19 Response. The title of the project is Bridging Digital Inequalities Amongst the Urban Poor Communities in Malaysia. (USD 5,000)
- **Recipient and Project Member**, 2021 IEEE HAC/SIGHT Projects – EDS Relevant Technology for Local Community Challenges Grant Focus on COVID-19 Response. The title of the project is Quality and Equality Education for Urban Underrepresented Students in Malaysia (USD 2000)
- **Recipient and Project Leader**, 2022 IEEE EDS Project title STEAM-Based Education for Special Needs Children in Malaysia. (USD 15,000)

**Section:**

- **Invited Speaker** for IEEE Day 2021 Malaysia Section Humanitarian Activities to share project titled Bridging the Digital Inequalities Amongst the Urban Poor Communities in Malaysia.
- **Invited Speaker** for IEEE Day 2021 Malaysia Section Educational Activities to share with the IEEE members and teachers the pre-university STEM initiative: Enriching Orphans through Curiosity with Graphite

**Societies:**

- **Project Leader** for COVID-19 outreach program in 2020. 500 pieces of face mask loop extender and 120 face shield brackets were distributed to student and teachers of Sekolah Menengah Kebangsaan Seksyen 18 Shah Alam. This program is a collaboration between EDS Malaysia Chapter and Universiti Teknologi MARA.
- **Invited speaker** for 2021 IEEE Regional Symposium on Micro and Nanoelectronics (RSM2021) on 3rd August 2021.
- **Invited speaker** for webinar titled “How to write a good literature review” on 30th Oct 2020. The webinar was organized by Kulliyah of Engineering, International Islamic University Malaysia (IIUM) together with EDS Malaysia Chapter. The webinar managed to attract 77 audiences.
- **Invited speaker** for webinar titled “IEEE Grant Opportunities: How to succeed in applying IEEE grants” on 8th July 2021. The webinar was organized by EDS Malaysia Chapter.
- **Invited speaker** for webinar titled “IEEE EDS Malaysia COVID-19 Awareness Program: Handling of COVID-19 patient and quarantine experiences” on 15th July 2021. The webinar was organized by EDS Malaysia Chapter.
- **Invited judge** for Do Your Bit: Nature challenge competition organized by IEEE EDS Malaysia Chapter and IIUM from 9 -13 September 2021.
- **Recipient** of the 2021 IEEE Electron Devices Society Malaysia Chapter EDS Outstanding Volunteer Award.
- The involvement in IEEE also gives a lot of significant achievement to me such as:
  - ❖ Being appointed as the **Coordinator of University Community Transformation Center ICAN** for Faculty of Electrical Engineering UiTM from 18th November 2019 – 17th November 2021.

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- ❖ Becoming one of the **recipients** of the Community Grant amounting RM20,000 from Ministry of National Unity to conduct virtual community program in Seksyen U16 Shah Alam from Dec 2020 – March 2021.

### **Statement**

#### **Mission Statement:**

My mission is to foster growth of IEEE members to build up the talent pool of electrical engineers for the country by strengthening visibility and engagement of IEEE Malaysia Section with local and international community.

#### **Position Statement:**

My goal is to safeguard the financial interest of all stakeholders in a transparent and responsible manner in accordance with the IEEE bylaws.