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ROSMINAZUIN AB RAHIM

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I am currently attached as an Associate Professor at the Department of Electrical & Computer Engineering, Kulliyah of Engineering, International Islamic University Malaysia. I was appointed as Academic Advisor for BEEE program since 2020 as well as a student club advisor of Perintis Youth IIUM Chapter. My research field of interest is Micro Electromechanical System (MEMS) and biosensors. I received a few research grants (FRGS 2021, FRGS 2015) with some industrial collaborations with JABIL Circuit Sdn Bhd.

### IEEE Accomplishments and Activities

(M'12, SM'18)

**COMMITTEES/BOARDS:** Excomm, EDS Malaysia (2014, 2016 – 2024)

**REGION:** IEEE STEM Ambassador (2021-2022)

**MALAYSIA SECTION:** Member since 2012

**IEEE TECHNICAL SOCIETY MALAYSIA CHAPTERS:** EDS Malaysia Chapter

#### CONFERENCES:

Committee member, 2018, 2020, 2022 IEEE International Conference on Semiconductor Electronics (ICSE)

Committee member, 2017, 2019, 2021 IEEE Regional Symposium on Micro and Nanoelectronics (RSM)

#### IEEE Accomplishments

##### Societies:

Outstanding Volunteer Award (EDS) 2018

Outstanding Portfolio Award EDS (2021)

##### Section:

Outstanding Volunteer Award 2018 2nd Runner Up

Outstanding WIE Volunteer Award 2021

Outstanding Portfolio Award 2021

##### Region:

IEEE STEM Portal Volunteer (2021)

IEEE STEM Ambassador (2021-2022)

Humanitarian/Educational Activities IEEE Grants:

2021 IEEE HAC/SIGHT (USD5000) (Fostering Online Learning for Marginalized Children in Malaysia)

2021 IEEE EDS/HAC (USD2000) (STEM for all: Inspiring Malaysia Indigenous students through EDS-ETC)

2021 IEEE R10 EA New Innovative Grant (USD200) (Do-your-Bit Nature Challenge)

2021 IEEE R10 Reaching Local Initiative (USD150) (Let's Play Robot with TryEngineering)

2021 IEEE R10 Reaching Local Initiative (USD400) (Let's code with Microbit)

2022 IEEE R10 Reaching Local Initiative (USD575) (Let's Imagineering at STEM Fun Club)

#### Statement

##### Mission Statement:

In line with IEEE mission, to foster technological innovation and excellence for the benefit of humanity through educational activities.

##### Position Statement:

Throughout my involvement in IEEE, I can see how it really defines who I am today. Being able to empower others particularly students through IEEE STEM activities by working together with other IEEE volunteers is an invaluable experience. I hope I can use these experiences to contribute to all members particularly in STEM and educational activities.