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IEEE Malaysia Section Executive Committee 2023 – 2024
Introducing the newly appointed IEEE Malaysia Section Executive Committee, a dynamic team dedicated to advancing technologies for humanity in Malaysia.

IEEE HAC-SIGHT 2022–23 Project
Integrated Smart Solar Lighting and Camera Surveillance System project by IEEE Sarawak Subsection members.

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Q1 2023 Newsletter
January - March 2023

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Dear IEEE Malaysia Section members,

I am delighted and honored to introduce myself as the newly elected IEEE Malaysia Section Communication & Newsletter Chair for 2023-2024.

First and foremost, I would like to express my gratitude to all the IEEE Malaysia Section members for electing me as the Executive Committee of the IEEE Malaysia Section. It is a privilege to serve alongside a community of passionate individuals who are dedicated to advancing technology for humanity. I would also like to extend my appreciation to Assoc. Prof. Ir. Ts. Dr. Nur Ashida Salim (IEEE Malaysia Section Communication & Newsletter Chair 2021-2022) and the entire team for their outstanding contributions and efforts in promoting effective communication within our section.

We are excited to present the Quarter 1 Newsletter, packed with updates and highlights from an eventful start to the year. This edition showcases the dynamic activities of our section, reflecting our commitment to promoting excellence in technology and innovation.

We bring you 21 Annual General Meeting, Executive Committee Meeting, Leadership Camp and Strategic Planning report conducted across different Organizational Units of IEEE Malaysia Section.

We highlight eight educational activities that took place during the quarter and showcase one humanitarian activity undertaken during the quarter, highlighting our members’ efforts in leveraging technology for the betterment of communities and addressing societal challenges. Our section’s engagement with industry and professional development is a priority. We present 11 professional activities and industry relations initiatives. These activities included networking sessions, expert talks, and collaborative partnerships, all aimed at bridging the academia-industry gap and fostering industry-relevant skills.

Membership growth and engagement are essential for the sustainability of our section. We share insights into two membership drives conducted during the quarter, highlighting the benefits of IEEE membership and encouraging participation from both existing and potential members. IEEE Malaysia Section takes pride in organizing and supporting impactful conferences. We provide a glimpse into four conferences that were successfully conducted during this quarter as well as the conferences which will be conducted in the following quarters.

We hope that this Quarter 1 Newsletter provides you with valuable information and inspires you to actively engage in our section’s activities. As always, we welcome your feedback, suggestions, and contributions to ensure that our communication efforts remain meaningful and relevant to your needs.

Thank you for your continuous support and dedication to the IEEE Malaysia Section.
Dear members of the IEEE Malaysia Section,

It is my great pleasure to welcome you to the latest edition of our quarterly newsletter. As the Chair of the IEEE Malaysia Section, I am excited to share with you the latest developments in our membership and programs that are aimed at benefiting our members. First and foremost, I would like to express my sincere gratitude to the previous 2021 – 2022 IEEE Malaysia Section, led by Dr Pauzi, and his team of dedicated volunteers who have worked tirelessly to serve this organization. Their efforts and contributions have laid a solid foundation for us to build upon.

I would also like to extend a warm welcome to the new executive committee 2023 – 2024 under my leadership, to continue serving and contributing to the IEEE Malaysia Section. As the current executive committee, we are committed to enhancing our services to the members while strengthening our governance.

To our new members, I extend a special welcome. We are thrilled to have you in our community of professionals and look forward to your active participation in our events and activities. I also extend my appreciation to all our members who have continued to serve and support the IEEE under various roles.
At the IEEE Malaysia Section, we have been working hard to develop programs that cater to the diverse interests of our members. We offer technical talks, workshops, networking events, and community outreach initiatives to provide opportunities for professional growth and development. Our student programs are designed to assist them in research and provide technical and leadership skills preparation for their future careers. We encourage students to participate and continue their membership after graduation. We also have custom programs by experts from Malaysia, regional, and global areas to help members excel in their careers.

This year, the IEEE Malaysia Section will initiate the formation of the Life Member Affinity Group (LMAG) to appreciate members that have been loyal to IEEE. Therefore, more dedicated programs can be planned for life members.

I would like to encourage all members to participate in our upcoming programs and events. Your support is crucial to the success of our initiatives, and we value your contributions towards making IEEE Malaysia Section a vibrant community of professionals. Technical conferences and leadership programs by local chapters, subsections, affinity groups, and councils are designed to provide an avenue for researchers to publish their R&D work. As quality becomes a priority, all conferences approved by the IEEE Malaysia Section have strict evaluations in line with the IEEE MCE Conference Policy.

In addition, I invite members to get involved in the activities of our various chapters, subsections, affinity groups, and councils. These activities provide a platform for members to engage with like-minded professionals and enhance their knowledge and skills in specific areas of interest.

Once again, I would like to express my gratitude to all our members for your continued support and participation in IEEE Malaysia Section’s activities. I look forward to working together to achieve our shared goals and to build a strong and dynamic community of professionals.
IEEE Malaysia Section Executive Committee 2023-2024

Nordin Ramli
Chair

IEEE MALAYSIA SECTION
2023/24 EXECUTIVE COMMITTEE

Bernard Lim
Vice-Chair/Chair-Elect

Md Pauzi Abdullah
Past Chair/Awards & Recognition

Nur Idora Abdul Razak
Honorary Secretary

Maizatul Zolkapli
Honorary Treasurer

Nabilah Ibrahim
Professional Activities

Wan Nurshazwani Wan Zakaria
Student Activities

Rosminazuin Ab Rahim
Educational Activities

Mohd Hafiz Ismail
Communications

Shaw Fong Wong
Industrial Relation

Dafla Mat Said
Humanitarian & Climate Change

Fatimah Ibrahim
Women in Engineering

Haroon Rashid
Young Professional

as on 23 June 2023
World Sleep Day 2023

On March 17, Prof Ir Dr Fatimah Ibrahim representing WIE gave a talk on 'Current and Future Medical Device Innovations in Sleep Medicine' during World Sleep Day 2023 organized by the University of Malaya Medical Center (PPUM). The ceremony was officiated by YBhg. Datuk Ts. Dr. Haji Aminuddin Hassim, Secretary General, Ministry of Science, Technology and Innovation, and was joined by about 200 participants from healthcare, engineering and industry. (Reported by N.Fauzani)

Meet The Leaders #1 webinar has successfully organized on 20 March 2023. This event was graced by Prof Dr Celia Shahnaz, the WIE Global Chairman. Prof Ir Dr Fatimah Ibrahim delivered the opening speech, followed by a talk by Celia entitled 'Research and Innovation to Embrace Women’s Equity and Empowerment'. About 20 participants attended and before the webinar ended, Dr Raja Jamilah delivered a membership drive to encourage more membership in WIE. (Reported by N.Fauzani)

The Annual General Meeting for IEEE Women in Engineering (WIE) Affinity Group has been successfully completed on the 4th of February 2023 with a total of 25 attendees. The meeting has been held virtually via Microsoft Teams, handled by Dr Zaipatimah Ali, as the 2021/2022 WIE Chair. The Chair has welcomed and thanked all members who were present, and continued with reviewing the minutes of the last AGM. Last AGM MoM has been nominated to be accepted with no corrections by Dr Illani Mohd Nawi and seconded by AP Ir Dr Rosmiwati Mokhtar. Technical activities for 2022 have been reported and shared with all in attendance by the Secretary, Ms Khairul Nisak while the financials have been reported by Dr Noor Hazrin Hany, the 2021/2022 Treasurer. The meeting proceeds with the dissolution of 2022 committee members and continued with the nominations of 2023 committee members. Congratulations to the newly appointed 2022-2023 committee members. The new chair is Prof Ir Dr Fatimah Ibrahim from UM with the chair-elect, Dr. Raja Jamilah Raja Yusof from UM. It is hoped that new committee members elected will perform the planned activities with due diligence. Meeting adjourned at 12.05 pm after a virtual photo session. (Reported by Illani Mohd Nawi)
IEEE Malaysia Kuala Lumpur Subsection’s 2023 Annual General Meeting (AGM) was held online on Thursday 9th February 2023. The 2022 Subsection Chair greeted all attendees at 5:10 pm. 24 members were present. The Chair disclosed the breakdown of membership grades, which demonstrated the growth of members compared to the prior year. IEEE Malaysia Kuala Lumpur Subsection now has a total of 451 members. The meeting started with the presentation of the IEEEMYKL Subsection Chair’s 2022 activity report and the Treasurer’s 2022 financial report before dissolving the 2022 officers. A new office bearer has been elected for the 2023-2024 tenure. Fawnizu, the returning officer, presided over the election. The new line up committee members are as follows:

Norliza binti Mohd Noor
Chapter Chair

Nurul Aini binti Bani
Secretary

Siti Armiza binti Mohd Aris
Vice Chair

Norldya binti Md. Yusoff
Treasurer

Haslina binti Md Sarkan
Communications/Publicity/Website Coordinator

Mohd Ibrahim bin Shapiai
Industry Relations & Professional Activities Coordinator

Fitri bin Yakub
Student & Humanitarian Activities Coordinator

Khaizuli Zuhreen binti Mohd Arof
Educational Activities Coordinator

Muhammad Sharifuddin bin Abd Rahim
Student Representative

The new 2023-2024 committee lineup

The Engineering Service Division of the Ministry of Health (MoH) of Malaysia and Universiti Teknologi Malaysia (UTM) are collaborating to organise the 2nd IEEE National Biomedical Engineering Conference (NBEC 2023), which will take place from September 5th until 7th, 2023, in Melaka City. An invitation to become a Financial Sponsor was extended to the IEEE Kuala Lumpur Subsection. The conference’s theme for this year is “Adaptation Towards Healthcare Emerging Technology”. Among the tracks proposed are Biomedical Instrument Technologies, Intelligent Health Informatics, Biomechanics, Rehabilitation and Education, Biomedical Signal and Imaging etc. This conference seeks to strengthen the community, expand skills and increase knowledge while addressing innovative and quality research and development within the field of biomedical engineering. The Call for paper can be obtained from [https://nbec-conference.com/](https://nbec-conference.com/).
The 2023 IEEE Sabah Subsection Annual General Meeting (AGM) took place on February 9th, 2023, via Webex, with a turnout of 18 esteemed members and professionals. The AGM celebrated the Subsection’s achievements in organizing two conferences in 2021 and one in 2022 amidst the COVID-19 pandemic. The Subsection also increased its activities through collaborations with the Malaysian Invention and Design Society (MINDS) and Intel Microelectronics, with plans to extend community activities throughout Sabah.

The AGM included reports from the Secretary, Ts. Dr. Lim Kit Guan, and the Treasurer, Dr. Rosalyn R. Porle. The 2021-2022 Executive Committee was dissolved, followed by the election of the 2023-2024 Committee.

IEEE Sabah Subsection is eager to welcome more industry members, expand its reach, and organize more successful events in the coming year.

IEEE Student Branch (UMS) organised AGM on 1 March 2023. A total of 66 members attended the AGM and elected 8 committee members for Session 2023/2024.

IEEE Student Branch (UMS) organized an internship sharing session for the students of electrical & electronic engineering program on 22 March 2023. 5 final-year students were invited to share their internship experience with the juniors. 35 students attended this event.
The IEEE Sarawak Subsection had its 8th Annual General Meeting held in hybrid mode both online and physically at the Swinburne University of Technology, Sarawak Campus on 25 Feb 2023.

The chair of the subsection, Dr. Jacey Lynn Minoi delivered the speech on activities and achievements in the past year and plans for the future. The subsection secretary presented the activities conducted and Treasurer reported the financial statement and expenditures for 2022. Following the dissolving the 2021-2022/23 committee, the election of executive committee of 2023-24/25 was carried out.

The newly elected IEEE Sarawak Subsection’s committee members (2023-24/25) are as below:

<table>
<thead>
<tr>
<th>Position</th>
<th>Name</th>
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</thead>
<tbody>
<tr>
<td>Past Chair</td>
<td>Jacey-Lynn Minoi</td>
</tr>
<tr>
<td>Chair</td>
<td>Hudyjaya Siswoyo Jo</td>
</tr>
<tr>
<td>Vice-Chair</td>
<td>Mark Tee Kit Tsun</td>
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<tr>
<td>Honorary Secretary</td>
<td>Lee Beng Yong</td>
</tr>
<tr>
<td>Honorary Treasurer</td>
<td>Lau Bee Theng</td>
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<tr>
<td>Humanitarian Technology</td>
<td>Then Yi Lung</td>
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<tr>
<td>Activities</td>
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<tr>
<td>Communication and Promotion</td>
<td>Ong Chin Ann</td>
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<tr>
<td>Professional Activities and</td>
<td>Kelvin Yong Sheng Chek</td>
</tr>
<tr>
<td>Membership Development</td>
<td></td>
</tr>
<tr>
<td>Educational and Student</td>
<td>Sheena Punai Anak Philimon</td>
</tr>
<tr>
<td>Activities</td>
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</tbody>
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On 23 March 2023, the IEEE Sarawak subsection organized a prize giving ceremony to award the best smart traffic light control system design which is the top best project demonstrated by the student after joining the “IEEE Arduino Online Simulator (WOKWI) challenge” in May 2022. In this challenge, participants were given five months to complete the project setup and WOKWI simulation. The task is to design and implement innovative smart traffic light control system follow the previous WOKWI simulation workshop in May 2022. Participants can use cardboard, A4 paper, straw, satay sticks, glue, marker pen any non-electronic material to build the system. The winner was selected base on the Innovation, Practicality, Use of simulation tool and Oral presentation performance.

“We are delighted to announce the top best project, namely T-junction traffic light system with pedestrian protection feature designed by Felix Thian Zhi Xiang from SMK Arang Road”, said Ts Dr. Tay Fei Siang.
The IEEE Sarawak Subsection and IEEE Swinburne Sarawak Student Branch proudly announce its newest engineering project under the IEEE Engineering Projects in Community Service, EPICS funding scheme.

The project, titled ‘Self-Navigating Robotic Walking Aid for Elderly People Using Multi-Sensor Fusion-Based Human Tracking,’ seeks to improve on existing walkers targeted at the elderly. The objective is to develop a prototype for a home-friendly, affordable solution to address this problem and aid the elderly.

The team comprises staff and students from Swinburne University of Technology Sarawak Campus, Faculty of Engineering, Computing and Science. The team has a well-balanced talents of IEEE senior members Lau Bee Theng and Mark Tee Kit Tsun, as well as IEEE graduate members Albe Chai Bing Zhe, Isaac Asante, and Atiqul Islam.

In year 2022, a proposal led by Dr. Tan Chong Eng from UNIMAS who is also a member of IEEE Sarawak Subsection has been put forward to IEEE HAC-SIGHT in 2022 to implement smart solar lighting and camera surveillance system at Kampung Pasir Pandak, a fishing village located between the estuary of Sungai Santubong and Batang Salak (Kuching, Sarawak).

The project aims to lit the crucial fishing boat parking places along the shoreline to allow local fishermen to get better sights to surrounding before they get into the water and to approach their boats. This project also helps to monitor the areas of interest along the shoreline using long range wireless camera surveillance to allow study on the crocodile movement behavior in this area and subsequently create thorough awareness on the danger of crocodiles among villagers. Besides, the project also aims to educate the younger villages with basic knowledge on precautions.

The project team succeeded the implementation of the integrated solar lighting and camera surveillance system consists of Dr Tan Chong Eng (SMIEEE), Dr Lau Sei Ping (SMIEEE) and Dr Jacey Lynn Minoi (SMIEEE) as technology solution specialists, and Dr Aazani Mujahid plays the role of marine bio expert.
2023 International Symposium on Antennas and Propagation (ISAP2023)

ISAP 2023 is organized by the IEEE Malaysia AP/MTT/EMC Joint Chapter supported by IEICE Communication Society and the Malaysia Convention and Exhibition Bureau (MyCEB). The symposium is intended to provide an international forum for the exchange of information on the progress of research and development in antennas, propagation, electromagnetic theory and related fields.

**Important Dates:**
- Manuscript Submission Deadline: 30th April 2023
- Early-bird Registration Deadline: 15th August 2023
- Conference Date: 30th October – 2nd November 2023

IEEE AP/MTT/EMC Joint Chapter 2023 Annual General Meeting

The IEEE AP/MTT/EMC Malaysia Joint Chapter 2023 Annual General Meeting (AGM) was successfully held on the 4th of February 2023. The event took place in Residensi UTM KL where a total of 35 AP/MTT/EMC members attended the AGM. 9 new executive committees have been appointed through election process conducted by Prof Dr. Azremi Abdullah Al-Hadi. The 2023 new elected chair is Assoc. Prof. Dr. Mohd Haizal Jamaludin.
Communications Society/ Vehicular Technology Society Joint Chapter

Reported by: Mohd Fais Mansor (m.mansor@ukm.edu.my)

ComSoc/VTS Joint Chapter
24th Annual General Meeting (AGM) 2023

The 24th Annual General Meeting (AGM) has been successfully conducted on 28th January 2023 at Queenhive@Urbanhive Putrajaya. It was conducted as hybrid event with both physical and online attendees. New executive committee members have been elected to spearhead the Chapter. In the AGM, several awards have been presented to members for their excellent achievement and contributions to the Chapter.

<table>
<thead>
<tr>
<th>Award</th>
<th>Winner</th>
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</thead>
<tbody>
<tr>
<td>Outstanding Dissertation Award for Master Thesis</td>
<td>Lu Li (UPM)</td>
</tr>
<tr>
<td>Outstanding Dissertation Award for PhD Thesis</td>
<td>Osama M.S. Abu Ajwa (MMU)</td>
</tr>
<tr>
<td>Best Paper Award</td>
<td>1. Abdulahi Abiodun Badrudeen (UTM)</td>
</tr>
<tr>
<td></td>
<td>2. Chee Yen Leow (UTM)</td>
</tr>
<tr>
<td></td>
<td>3. Seunghwan Won (Southampton Malaysia)</td>
</tr>
<tr>
<td>Special Award for Best Student Volunteer</td>
<td>Muhammad Aiman Akid bin Azreshah</td>
</tr>
<tr>
<td>Special Award for Best Industrial Collaborator</td>
<td>Malaysian Technical Standard Forum Bhd (MTSFB)</td>
</tr>
</tbody>
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ComSoc/VTS Joint Chapter
Mini Leadership Camp 2023

A Mini Leadership Camp (MLC) was held from 3 – 5 March 2023 at BayView Melaka for the strategic and coordination of activities for the 2023 by the ExComm members.

Industrial Visit to Keysight Technologies Penang

Industrial visit to Keysight Technologies, Penang by representatives from IEEE Malaysia ComSoc/VTS Chapter, Assoc. Prof. Dr. Imran Mohd Ibrahim and Prof. Ir. Dr. Hafizal Mohamad together with their team members on Monday 20th March 2023.
The 2023 IEEE Global Communications Conference (GLOBECOM) will be held in the warm and thriving city of Kuala Lumpur, MALAYSIA, from 4 to 8 December 2023. Themed “Intelligent Communications for Shared Prosperity,” this flagship conference of the IEEE Communications Society will feature a comprehensive, high-quality technical program including 13 symposia and a variety of tutorials and workshops. IEEE GLOBECOM 2023 will also feature an attractive industry program aimed at practitioners, with keynotes and panels from prominent research, industry and government leaders, business and industry panels, as well as a technological exhibit.

The 2023 16th IEEE Malaysia International Conference on Communications (MICC) will be held on 10-12 December 2023. To encourage active participation, the conference will be held in a physical format in Kuala Lumpur.

The ComSoc/VTS Joint Chapter is delighted to share good news with you. You have been invited to submit papers to the 16th IEEE Malaysia International Conference on Communications 2023 (MICC2023) before the end of June 2023. Details as below: It will be held on 10-12 December 2023. To encourage active participation, the conference will be held in a physical format in Kuala Lumpur.
The 2023 Annual General Meeting (AGM) of the IEEE DEIS Malaysia Chapter was successfully held on 16 January 2023, at TNB Lab and Microsoft Team concurrently. The meeting was attended by active members of IEEE DEIS Malaysia Chapter and chaired by Chapter Chair Assoc. Prof. Ir. Dr. Nor Asiah Muhamad. The meeting began with an opening remark by the Chair, followed by the endorsement of the 2022 AGM minutes and the presentation of the chapter’s activities. Next the Treasurer Dr Amir presented account matters. The meeting continued with the election of the 2023 committee members of DEIS Malaysia Chapter, summarised as follows:

Chair: Assoc. Prof. Ir. Dr. Hazlee Azil bin Illias (Universiti Malaya)
Past Chair: Assoc. Prof. Ir. Dr. Nor Asiah Muhamad (Universiti Sains Malaysia)
Vice Chair: Assoc. Prof. Ir. Dr. Norhafiz Azis (Universiti Putra Malaysia)
Secretary: Ir. Ts. Dr. Wooi Chin Leong (Universiti Malaysia Perlis)
Treasurer: Ts. Dr. Nik Hakimi Bin Nik Ali (Universiti Teknologi MARA)

Executive Committee
· Ir. Ts. Dr. Wong Jee Keen Raymond (Universiti Malaya)
· Dr. Kuan Tze Mei (Universiti Tenaga Nasional)
· Ts. Dr. Mohd Shahril Ahmad Khiar (Universiti Teknikal Malaysia Melaka)
· Assoc. Prof. Ir. Ts. Dr. Muhammad Saufi bin Kamarudin (Universiti Tun Hussein Onn Malaysia)
· Dr. Thien Yee Von (Tunku Abdul Rahman University of Management and Technology)
· Assoc. Prof. Ir. Dr. Mohd Fairouz Mohd Yousof (Universiti Tun Hussein Onn Malaysia)

The new Chapter Chair, Assoc. Prof. Ir. Dr. Hazlee Azil bin Illias, later delivered his welcoming speech to the new committee line-up and made a brief planning for the activities in 2023. Dr. Hazlee is hopeful that DEIS Malaysia Chapter will continue to contribute actively to the field of dielectrics and electrical insulation and looking forward to lead the DEIS Malaysia Chapter to a greater height.
The 33rd Annual General Meeting (AGM) of the EDS Malaysia Chapter was held on February 4th, 2023 at Hotel Royale Chulan Damansara, Mutia Damansara, 47810 Petaling Jaya, Selangor. 28 EDS members from all over Malaysia attended the meeting. The returning officer, Assoc. Prof. Ir. Dr Sabirin (Past Chair 2021/2022) conducted the election with the help of Dr Maizatul and Dr Azrif have presented all the EDS events, activities and financial status in 2022. The new election has been carried out during this AGM and is being appointed for a two-year term (2022-2023). These the list of winners who won the voting:

- Chair: Ir. Dr. Hazian Mamat (no voting)
- Vice Chair: Ir. Dr. Azrif Manut
- Secretary: Ts. Dr. Nurul Ezaila Alias
- Treasurer: Dr. Haslina Jaafar
- Auditor: Prof. Dr. Zahirul Alam and Dr. Sharma Rao A/L Balakrishnan
- Excomm: Dr. Aliza Aini Md Ralib, Dr. Iskandar Yahya, Ts. Dr. Suhana Mohamed Sultan and Assoc. Prof. Dr. Rosminazuin Ab. Rahim

During the meeting, the following volunteers received their awards from IEEE EDS Malaysia Chapter.

- 2022 Outstanding Volunteer Award: Ts. Dr. Nurul Ezaila Alias
- 2022 Outstanding Volunteer Award: Ir. Dr. Hazian Mamat
- 2022 Outstanding Student Volunteer Award: Mr. Lee Xiao Xian
- 2022 Outstanding Portfolio Award - Student: Dr. Iskandar Yahya
- 2022 Outstanding Portfolio Award - Student: Assoc. Prof. Dr. Badariah Bais
- 2022 Outstanding Portfolio Award - Student: Assoc. Prof. Dr. P Supsiththa Menon

All Excomm members of 2022 were presented with appreciation certificates. EDS family members were also invited to the night event and fun games were done among EDS family members to get to know each other better.

Reported by Nurul Ezaila Alias
This is the first IEEE EDS Malaysia Virtual Live Forum in the year 2023. This program is in conjunction with International Women’s Day 2023. In conjunction with International Women’s Day (IWD) on 8 March 2023, the IEEE EDS Malaysia Chapter reached out to ladies who worked in the engineering field to share their experiences, motivation and thoughts on this remarkable day. The Women in Engineering Forum interviews with honoured and respected 3 ladies which are:

1. Ana Maria Bura Kufner, Talent Acquisition Project Manager, AT&S Malaysia, Kulim Hi-Tech Park
2. Zalhan Md Yusof, Principle Researcher and Head of Photonics Technology Laboratory, MIMOS Berhad
3. Dr Anis Suhaili Bakri, Senior Engineer, Semiconductor Technology Development, MIMOS Berhad.

The moderator for this forum is Assoc. Prof. Dr. Pshusthita Menon from Universiti Kebangsaan Malaysia, is also a Member of the IEEE EDS Board of Governors, EDS Educational Activities and she is also a Vice-Chair EDS R10 SRC and Past Chair IEEE EDS Malaysia Chapter. This forum with a theme called “Women in Engineering Leads The Way” is designed to help tell each woman’s story. With 25 attendees, the forum topics include how and when they decided to become an electronic engineering academia, engineering school, career path to be specific academia in Electronic Engineering, successes and challenges, work/life balance, and advice.

Reported by Nurul Ezaila Alias
IEEE EPS Malaysia Chapter 2023 Annual General Meeting

The IEEE EPS Malaysia Chapter’s Annual General Meeting was successfully conducted online on 4th February 2023, with a total of 22 participants. The meeting presented past 30 events which were hosted by IEEE EPS Malaysia Chapter. The new executive committees for the 2023 session was also elected via an election process. Here we congratulate the new Chairlady, Dr. Eu Poh Leng, Director of External Package Innovation, NXP Semiconductors, as well as the new committees. The new team envisions to further expand IEEE EPS Malaysia Chapter to Sarawak where the state’s electronics/semiconductor industry is growing. All the best to the new team in leading IEEE EPS forward!

Compiled by: Sze Pei Lim

IEEE EPS Malaysia: Welcoming Message from New Chairlady, Dr Eu Poh Leng

“I am humbled to be elected as Chairlady of the IEEE EPS Malaysia 2023. Once again, we are very blessed with many dedicated volunteers from industry and academic. This year, we have planned many technical talks including several webinars and a one-day Advanced Semiconductor Packaging Workshop in Penang and Kuala Lumpur Malaysia. For the webinars, there will be at least 4 distinguish speakers including Glenn Daves, Vice President of Package Innovation from NXP Semiconductors. For the Advanced Semiconductor Packaging Workshop, it is planned on 19th of Oct (Penang) and 20th of Oct (Kuala Lumpur). This year we are very privilege to have 2 esteemed speakers namely Dr. Tanja Braun, Group Manager, Fraunhofer IZM (Berlin) and E. Jan Vardaman, President of Tech Search International. Here I would like to thank in advance all to the committees and speakers, in making another successful year for IEEE EPS Malaysia. Also, we are looking forward to having everyone’s support for IEMT 2024 in Penang. Indeed IEMT 2022 was a great success in Putrajaya Malaysia which attracted 400+ participants. We have definitely made our name, our deliverable, our reputation, and hence attracted more engineers joining EPS Malaysia, which make us a medium size chapter since 2022. The number of members is surely growing in a healthy direction. Here, on behalf of the new committees, we want to take the opportunity to thank all members for your great support and we promise to continue the active engagement in supporting the growth of EPS Malaysia! Best wishes for a healthy and fruitful 2023.” – Dr. Eu Poh Leng, Chairlady of IEEE EPS Malaysia Chapter 2023
39th IEMT 2022: Closing Meeting

IEMT 2022 was the first grand event held after recovering from the country lockdown due to COVID. We encountered many challenges from worldwide participants, mainly due to travel restrictions. Nevertheless, IEMT 2022 committees were able to address the issues and work out systematic solutions. A big “Kudos” to the team working together under remarkable leadership for making the event a tremendous success. IEMT 2022 committee had a post-mortem meeting on January 6th, 2023, to provide feedback regarding the overall of the event. This post-mortem meeting includes all committees from various portfolios to provide their constructive thoughts on the event, including major successes, critical challenges, and continuous improvements using the Start-Stop-Continue technique. The meeting was held for a detailed discussion on opportunities for improvements based on team inputs and not forgetting about participants’ survey feedback. Feedback was provided by General Chair, Secretariat, Treasurer, Program Chair, Technical Chair, and all other team leaders including Exhibition, Publicity, Logistic, Publication, Publicity, and International Liaison. The objective of this meeting was to nail down all key learnings that are possible for future conferences. The team agreed to sustain actions that were done well and improve imperfections. Furthermore, some team-building activities were held to strengthen our team member connection for wonderful collaboration in future conferences. Lastly, the meeting was officially concluded with an announcement on the next IEMT2024 which will be held in Penang. We look forward to IEMT2024.

Compiled by: Edmund Sek
IEEE EPS webinar
“6G: Opportunities and Packaging”

On March 2nd, IEEE EPS Malaysia held their first 2023 webinar titled "6G: Opportunities and Packaging" featuring Glen Daves, the Vice President of Package Innovation, NXP Semiconductors. Daves is responsible for package design, technology development, and assembly process development in support of NXP’s product portfolio. During the hour-long webinar, Daves addressed common misconceptions, and presented the opportunities and challenges of implementing 6G technology in our hyper-connected world. The promise of 6G communication technology is transformative in terms of bandwidth and connectivity options. In terms of semiconductor packaging, Daves illustrated the challenges of signal integrity, thermal management, and integration/miniaturization, and highlighted effective solutions that are currently available. The webinar was moderated by Kim Siow and had over 102 attendees who found it to be informative and well-received. IEEE EPS plans to continue bringing more value to its members by presenting more webinars in the coming months of 2023, as well as an upcoming workshop on “advanced packaging”.

Compiled by: Kim Siow

IEEE EPS Malaysia: International Women’s Day – Panelist in “Empowering Women in STEM”, Nottingham University Malaysia

In conjunction with the International Women’s Day, Dr Eu (Chairlady of IEEE EPS Malaysia 2023) was invited as a Panelist by the IEEE University of Nottingham Malaysia Student Branch for a panel discussion entitled ‘Empowering Women in STEM’. The event was a good success, with 79 engineering students participated and lots of interesting questions from the audience. Dr Eu who is also the Director of External Package Innovation from NXP Semiconductors was one of the 3 esteemed guests. Another 2 panelists were Dr. Samsuzana Abd Aziz from the University Putra Malaysia, and Dr. Nafizah from the University of Nottingham Malaysia. Each of them shared their inspiring stories of overcoming challenges to reach their current positions. The importance of striving for equity in the field of STEM was discussed. It was truly an insightful and empowering experience to learn from such accomplished women in their fields.

Compiled by: Dr. Eu Poh Leng
IEEE Nottingham University Malaysia Student Branch has invited Dr Eu Poh Leng as a speaker for a tech talk entitled “Semiconductor Packaging for Autonomous Cars”. The event took place on the 28th of March 2023 from 4-5pm at Nottingham University Malaysia. Total attendees were about 30 engineering students. Dr Eu Poh Leng who is the Director of External Package Innovation in NXP Semiconductors, as well as the Chairlady of IEEE EPS Malaysia Chapter 2023, has taken the opportunity to share her insight in the key drivers of automotive semiconductor growth and the direction of semiconductor packaging to support autonomous driving. It was a very fruitful experience where she provided a very good technical sharing and received many positive feedbacks from the students. She also took the opportunity at the end of her sharing to promote IEEE EPS.

Compiled by: Dr. Eu Poh Leng
Alhamdulillah, IEEE Instrumentation and Measurement Malaysia Chapter has conducted successfully our 2023 Annual General Meeting (AGM) on 4th February 2023 on Zoom platform. Our deepest appreciation goes to the IEEE Instrumentation and Measurement Malaysia Chapter 2021-2022 Executive Committee for the excellent jobs done over the past two years. We are pleased to announce the new line-up of IEEE Instrumentation and Measurement Malaysia Chapter 2023-2024 Executive Committee members that have been elected. Sincere congratulations to our newly elected executive committee.

### Newly Elected Executive Committee (2023-2024)

<table>
<thead>
<tr>
<th>Role</th>
<th>Name</th>
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<tbody>
<tr>
<td>Chair</td>
<td>Kushsair Abdul Kadir</td>
</tr>
<tr>
<td>Vice-Chair</td>
<td>Teddy Surya Gunawan</td>
</tr>
<tr>
<td>Secretary</td>
<td>Farah Diyana Abdul Rahman</td>
</tr>
<tr>
<td>Treasurer</td>
<td>Hasmat Mansor</td>
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<tr>
<td>Executive Committee Members</td>
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<tr>
<td></td>
<td>Annisa Jamali</td>
</tr>
<tr>
<td></td>
<td>Nelidya Md. Yusoff</td>
</tr>
<tr>
<td></td>
<td>Intan Zaurah Mat Darus</td>
</tr>
<tr>
<td></td>
<td>Shafishuha Sahlan</td>
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<td>Alex Ooi</td>
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### IMS Malaysia Chapter Activities Planning 2023

IEEE IMS Malaysia Chapter had the first meeting to strategize the activities planning for year 2023 and ended with appreciation iftar for ICSIMA 2022 committees. The meeting was held on 25th March 2023 at Royale Chulan. Seven executive committee members joined the one-hour meeting with productive discussion. The purpose of the location of the meeting was also to scout for the location ICSIMA 2023 as well as to have an iftar gathering among the members as well as the whole families. These photos below are some of the captures during the meeting and iftar.
The 9th IEEE OES Malaysia Chapter Annual General Meeting (AGM) was held on 10 February 2023 at Everly Hotel Putrajaya and virtually via Google Meet. The 2022 chapter’s activities report was presented by the Chair, Assoc. Prof. Dr. Mohd Shahrieel Mohd Aras. The chapter has conducted 26 activities; 9 technical activities, 8 Pre-U STEM programme and 9 others. The AGM the followed by the Treasurer’s report, which was presented by Assoc. Prof. Dr. Zulkifli Zainal Abidin. Next, the election for 2023-2024 IEEE OES Malaysia Chapter Executive Committees was conducted. The standing committees for 2023-2024 can be seen in the table below.

<table>
<thead>
<tr>
<th>2023-2024 IEEE OES Malaysia Chapter Executive Committee</th>
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<tbody>
<tr>
<td>Chair</td>
<td>Zool Hilmi Ismail</td>
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<tr>
<td>Vice Chair</td>
<td>Zulkifli Zainal Abidin</td>
</tr>
<tr>
<td>Secretary</td>
<td>Zainah Md. Zain</td>
</tr>
<tr>
<td>Treasurer</td>
<td>Mohd Ikhwan Hadi Yaacob</td>
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<tr>
<td>Excom</td>
<td>Ahmad Faisal Mohamad Ayob</td>
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<td></td>
<td>Ahmad Anas Yusof</td>
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<td></td>
<td>Nur Afande Ali Hussain</td>
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<td></td>
<td>Maziyah Mat Noh</td>
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<tr>
<td>Auditor</td>
<td>Herdawatie Abdul Kadir</td>
</tr>
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<td></td>
<td>Syahirah Hanizam</td>
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</tbody>
</table>

During the kick-off meeting for the 10th International Systems Technology: Theory and Applications (USYS 2024) held on March 10, 2023, five members from the IEEE OES Malaysia Chapter and two representatives from Northwestern Polytechnical University (NWPU) in China (Prof. Huiping Li and Prof. Jian Gao) were in attendance to discuss the planning and organization of the upcoming USYS 2024 conference, which has been scheduled to take place in Xian, China in October 2024.

As per the initial plan, USYS 2024 is scheduled to alternate between China and another location. However, due to Covid-19, the USYS 2020 conference, which was supposed to be held in Xian, China, was postponed. Therefore, after USYS 2022 in Kuala Lumpur, USYS 2024 will be held in China, following the original alternating plan.
IEEE PES Malaysia Chapter
27th Annual General Meeting

The IEEE PES Malaysia Chapter 27th Annual General Meeting was successfully held on the 12th of February 2023. The event took place in Everly Hotel, Putrajaya. A total of 45 PES members attended this AGM. The new executive committee of 2023 was successfully elected via an election process conducted by Prof. Dr. Hazlie Mokhlis. Fruitful discussion was carried out during the AGM meeting to improve IEEE PES activities and performance for the upcoming year. Congratulations to the new 2023 ex-comm!

2023 3rd IEEE International Conference in Power Engineering Applications (ICPEA2023)

2023 IEEE 3rd International Conference in Power Engineering Applications (ICPEA2023) was successfully conducted on 6th and 7th March 2023 at Putrajaya, Malaysia. The conference was organized by Universiti Teknologi MARA (UiTM), Malaysia, co-sponsored by the IEEE Power and Energy Society (PES), Malaysia Chapter and technically co-sponsored by the RVS College of Engineering and Technology, Coimbatore, India. A total of 73 technical papers were presented in this conference. There are 2 main keynote lecture sessions and one forum held which are:

i) “Planning of Fast Charging Stations (CS) for Electric Vehicles (EV) with Multi Level Charging Strategy” by Prof. Dr. Hussain Shareef, Department of Electrical and Communication Engineering, United Arab Emirates University.

ii) “Sustainability and Power Utility of The Future” by Mr. Sansubari Che Mud, Head (Customer & Market) for Distribution Network, Tenaga Nasional Berhad (TNB).

ii) Forum “Smart City: Malaysia Experience” by Dr. Lim Seng Boon, Senior Lecturer at College of Built Environment, UiTM and Mohd Khairun Nizam Bin Mohd Sarmin, Head of Power System at TNB Research.

IEEE PES Malaysia 30th Anniversary Hi-Tea

The 30th anniversary of IEEE PES Malaysia Chapter was celebrated on 14th January 2023 at Zenith Hotel, Putrajaya. PES 30th anniversary book was also launched during the event. A total of 40 PES members have attended this event.

PES Strategic Planning Workshop 2023

IEEE PES Malaysia Chapter had the Annual Strategic Planning Workshop on the 19th March 2023 at the Pulse Grande Hotel, Putrajaya. All the executive committee of 2023 and the council of PES past chairs attended this workshop. Discussion and planning was priority with focus on 2023 activities to PES members.
Meet the ExComm Team 2023-2024

We are pleased to announce that our Annual General Meeting (AGM) and the first Executive Committee (ExComm) meeting were successfully held on 21/12/2023, and 25/2/2023 respectively. It was a great opportunity for our members and the newly appointed ExComm representatives to come together and discuss the progress and plans of our chapter. We had a productive and engaging discussion, and we thank all attendees who contributed their valuable insights and suggestions. We would like to introduce our newly elected executive committee. Please join us in welcoming our new ExComm members for 2023-2024:

Chair: Sazalinsyah Razali  
Vice-Chair: Mohd Helmy Abd Wahab  
Hon. Secretary: Choo Yun Huoy  
Hon. Treasurer: Norhafizah Ismail  
Immediate Past Chair: Karthigayan Muthukaruppan  
Senior Past Chair: Syed Abd Rahman Al-Haddad  
ExComm Members: Steve Teoh Chee Hooi, Wang Xin, Husna Sarirah, Lee Chien Sing.

We are introducing the following portfolios:

i. Advisory & Awards and Recognition  
ii. Professional Activities & Industry Relations  
iii. Humanitarian Activities & Special Tasks  
iv. Educational & Students Activities  
v. Distinguished Lecturer Program  
vi. Membership Development  
vi. TCS, Conference & Workshop  
viii. Administrative & Newsletter  
ix. Financial & Social Media Management  
xi. IEEE SMC 2024 Flagship Conference

We are excited about the opportunities that these portfolios will bring, and we look forward to the contributions of the new ExComm team. We encourage all members to support these new initiatives and get involved in the activities and programs that will be offered. We thank all our members for their support, and we look forward to working together to achieve our goals and advance our field.

Congratulating the Winner of the UPSI IEEE-SMC Malaysia Chapter FYP Awards 2023

We are delighted to announce that Snaygah A/P Teiyagu has been selected as the recipient of the UPSI IEEE-SMC Malaysia Chapter FYP Awards 2023. Her project titled "EduVision: AI-Powered Remote Proctoring for Authentication of Remote Candidates During Online Exams" represents an outstanding achievement in the field. Warmest congratulations to the supervisor, AP Dr. Suzani Binti Mohd Samuri, for providing exceptional guidance throughout the project. This recognition is a testament to their dedication and commitment to advancing the field of applied artificial intelligence in education practices.

Mr. Mohd Helmy Abd Wahab, representing the Chapter during the prize-giving ceremony at UPSI.

Supporting IEEE CIS-RAM2023 & STEER2023

Our chapter will be technically co-sponsoring the upcoming 10th IEEE Int. Conf. on Cybernetics and Intelligent Systems, and Robotics, Automation, and Mechatronics (CIS-RAM 2023, http://www.cisram.org/2023/), as well as the 1st Int. Conf. on Smart Manufacturing Technology, Electrical Engineering, and Robotics (STEER2023, https://steer2023.xmum.my/). We are excited about the opportunities that these collaborations will bring and look forward to working together to make these conferences a success. We encourage all members to participate in the many exciting activities and programs that will be offered.
The IEEE SPS Malaysia Chapter’s Annual General Meeting was successfully conducted online on February 4, 2023. A total of 20 SPS members attended this AGM. The new executive committee line-up for the 2023-2024 session was elected. The meeting also presented past events and activities as well as planning for the events in the session ahead. Here we congratulate Prof. Hezerul Abdul Karim as the new Chair, as well as the new excom members on their appointments. All the best to the new team in leading IEEE SPS forward!

**Speaking Engagements at Pakistan and the US**

Prof. Mohammad Faizal Ahmad Fauzi was invited by the University of Engineering and Technology, Taxilla, Pakistan to give a plenary speech at the IEEE Signal processing Society (SPS) International School on Computer Vision Applications in Robotics (CVAR). He delivered his talk virtually on February 16, 2023 where he shared with the audience the benefit of IEEE and SPS membership, as well as his experience in guiding the IEEE SPS Malaysia Chapter to the inaugural IEEE SPS Chapter of the Year Award. Prof. Mohammad Faizal was also invited to give a talk at the Wake Forest School of Medicine, North Carolina, USA during his visit to their Center for Biomedical Informatics in late February. He delivered a talk on Computer-Aided System for Hormone Receptor Expression in Breast Carcinoma to the students and academic staff of the school as part of their Informatics in Action Seminar series.

**International Conference on Image Processing (ICIP 2023)**

IEEE Signal Processing Society (SPS) Malaysia Chapter was given the honor of organizing the SPS flagship conference - the International Conference on Image Processing (ICIP 2023) to be held this coming October 8-11, 2023, and will take place at Kuala Lumpur Convention Center (KLCC). ICIP is the world’s largest and most comprehensive technical conference focused on image & video processing and computer vision. There were more than 1700 paper submissions this year and the notification of paper acceptance will be in June 2023.

There will also be a few satellite workshops in the pipeline, so those who missed the paper submission deadline can now submit their work to these workshops. In addition, there will be 11 tutorials and 2 short courses offered during ICIP 2023. For those who likes to participate in the Challenges, there are 4 Challenges available on the website. Please visit [https://2023.ieeecicip.org](https://2023.ieeecicip.org) for more information on the Challenges, Tutorials, Short Courses and Satellite Workshops.
On 26th January 2023, the 6th Annual General Meeting (AGM) for the IEEE Sensors and Nanotechnology Council Malaysia Joint Chapter (SNCMJC) has been successfully held through Zoom. A total of 24 members attended the AGM. The meeting started-off with the Chair, Dr. Sharifah Norfaezah Sabki welcoming all members and introduced herself to all the attendees. The meeting then proceeded with the confirmation of the minutes of the previous the 5th AGM and the presentation of the Chapter’s Report for the 2022 session. Then, the chapter Secretary 1 presented the summary of submitted newsletter to the section along 2022 and followed by presentation of activities reported in Vtool by Secretary II. Treasurer 1 had also presented the financial report for 2022. The chair had also informed that the IEEE Malaysia Section is now legally registered with ROS and chapter is on its way to register to ROS. As agreed in the 5th AGM, the 2022 elected executive committees will serve the IEEE SNCMJC for two years, from 2022 until 2023 and the dissolution of the IEEE SNCMJC 2022/2023 Executive Committee will be conducted in 2024. The meeting was adjourned at 4.30 pm with a group photo session of the attendees. (Reported by Hasnizah Aris)
The IEEE Sensors and Nanotechnology Council Malaysia Joint Chapter (SNCMJC) has been invited through the Chair, Dr. Sharifah Norfaezah Sabki to participate in the STEM exhibition at Sekolah Kebangsaan Sultan Ahmad Tajuddin, Jitra, Kedah. This programme was held in conjunction with Curriculum Day on 15th February 2023. Few SNCMJC committee members have attended the program and demonstrated Tobbie II, snap circuits and few more STEM modules to the students during the day. The objectives of the programme are to expose about fundamental electronics and robotics to the young generation. Moreover, the programme is conducted to increase students’ engagement in STEM education through fun activities and to establish university-community partnership. On that day, more than 50 students have been attracted to the module that presented by the IEEE SNCMJC committee members. (Reported by Hasnizah Aris)
On 1st March 2023, the IEEE Sensors & Nanotechnology Councils Malaysia Joint Chapter (SNCMJC) in collaboration with Institute of Nano Electronic Engineering and Faculty of Electronic Engineering & Technology (FKTEN) Universiti Malaysia Perlis (UniMAP), the Centre of Innovative Nanostructure and Nanodevices, Universiti Teknologi Petronas (UTP), Collaborative Microelectronic Design Excellence Center (CEDEC) Universiti Sains Malaysia (USM) and the University of Southampton Malaysia (UoSM) had successfully organized an IEEE Virtual Talk Series 1/2023. The main objective of the program was to provide an up-to-date information and research breakthrough in the field of biosensor. The program featured Prof Sabine Szunerits who is Professor in Chemistry, University of Lille, Institut d'Electronique, de Microélectronique et de Nanotechnologie (IEMN), France. She has delivered a very comprehensive talk entitled ‘The Holy Grail of Surface Chemistry in Graphene Based Field Effect Transistor Biosensors’. The talk was carried out online via Zoom platform and a total of 34 participants from academic and industry backgrounds have attended the event. (Reported by Hasnizah Aris)
APU IEEE Student Branch had conducted Member Recruitment on, held in hybrid mode in which the physical venue took place at APU FBM Meeting Room.

Our secretary, Momina Zulfiqar extended a warm welcome to all the attendees and delivered the speech on IEEE and the student branch operation.

Subsequently, the chair of APU IEEE Student Branch, Khoo Hui Ying presented the recent activities and upcoming activities plan following by a fun activity and wrapped up with photography session.

“Building Movie Recommender System in Python” was successfully conducted on 28th January 2023 virtually using Microsoft Teams as a platform. We invited APU student, Ms. Foo Lee Yi to present this topic.

The event started at 1 p.m. and concluded at 2:30 p.m. on the 28th January 2023. 10 APU IEEE Student Branch committees organized the workshop, with the workshop speaker, emcee and promotional speaker among them. In addition, 25 out of 28 registrants took part in this workshop.
The peer-to-peers sharing, titled ‘Redis: How it works & How to implement it,’ was successfully conducted on 31st March 2023 physically at APU. The objective is to teach the participants especially students the concept of Redis and how to implement it using C language.

This session was delivered by a student speaker, Ryan Martin who is an undergraduate student in APU. Overall, there are a total of 22 people who benefited from this sharing which includes 19 participants and 4 organizing committee.
The IEEE UiTM Student Branch Annual General Meeting was successfully held online on 23rd of February 2023. This event was conducted online via google meet since few members of IEEE UiTM SB already went back home for their semester break. The new executive committee of 2023 was successfully elected by an election process conducted by Ron Sherman as an emcee on that day. Other than that, the new president of IEEE UiTM SB also give some speech to thank last committee for their commitment and welcoming new committee to work together for the upcoming events.

All of the committee were asked to make slide to present to our advisor. Our advisor later gave some comment to all of the committee to improve their paperwork. Next, some of the problem about the program were also discussed in the meeting. Other than that, discussion about jacket were also discussed.

This event is conducted the same day as Strategic Planning for one hour. All of the committee heard some stories from Profesor Zuhaina about the advantages of become IEEE members and how to handle this club. She also made some pop quiz to attract committee attention and make sure we focus on her sharing. Whoever able to answer the quiz will be given IEEE merchandise from her own collection.
Two academic staffs and 20 students from UCSI University visited the Universiti Malaya High Voltage Laboratory (UMHVL) at the Department of Electrical Engineering, Faculty of Engineering, Universiti Malaya on 14 March 2023. The visit was part of their educational activities.

During the visit, the Head of UMHVL, Associate Professor Ir. Dr. Hazlee Azil Illias, who is also the Counselor of IEEE Universiti Malaya Student Branch and Chair of IEEE Dielectrics and Electrical Insulation Society (DEIS) Malaysia Chapter, introduced the facilities available at UMHVL and explained the activities carried out at the lab and the lab safety requirement. After that, the delegates visited UMHVL to gain a better insight into the lab. A demonstration of impulse voltage generation was performed by Mr. Ahmed Nasiru Yahaya, a PhD student under the supervision of Dr. Hazlee.

Two academic staffs and 10 students from Universiti Teknologi Petronas (UTP) visited the Universiti Malaya High Voltage Laboratory (UMHVL) at the Department of Electrical Engineering, Faculty of Engineering, Universiti Malaya on 16 March 2023. The visit was part of their educational activities.

During the visit, the Head of UMHVL, Associate Professor Ir. Dr. Hazlee Azil Illias, who is also the Counselor of IEEE Universiti Malaya Student Branch and Chair of IEEE Dielectrics and Electrical Insulation Society (DEIS) Malaysia Chapter, introduced the facilities available at UMHVL and explained the activities carried out at the lab and the lab safety requirement. After that, the delegates visited UMHVL to gain a better insight into the lab.
Engineering Ethics

A technical talk on Engineering Ethics was organized by UCSI MINDS Student Chapter and IEEE RAS MALAYSIA. The guest speaker Dr. Mastaneh Mokayef has created awareness among engineering students about the importance of ethics in engineering practices and provided them with practical insights into how ethical dilemmas can be resolved. During her presentation, Dr. Mokayef emphasized the importance of ethics in engineering practices and its impact on society. She highlighted several case studies where engineers had made unethical decisions that resulted in catastrophic consequences. Dr. Mokayef also discussed the various ethical theories and principles that guide ethical decision-making in engineering practices. The virtual format of the event through Microsoft Teams enabled students from different locations to attend the event and benefit from it.

Benefits of being a IEEE RAS Malaysia chapter member

IEEE is the world’s largest professional society dedicated to advancing technological innovation and excellence for the benefit of humanity. IEEE and its members inspire a global community through IEEE’s highly cited publications, conferences, technology standards, and professional and educational activities. In this talk students not only gain the complete spectrum of IEEE Society and the importance of being a Professional IEEE Member, they also exposed to the Access essential and exclusive benefits offered to IEEE members, including technical information, networking opportunities, career development, and member discounts. In the engineering professional world creating a good network to build a strong career is a must. It is important for those enrolled in this subject to know the value of a professional society and gain knowledge—how to enroll and get maximum benefit out of it. Later Dr. Mohamed khan briefed the audience of more than 30 students and Engineering staffs the vision, mission and the complete IEEE organization structure and its benefits. The event started at 8.00 am and ended at 9.30am.