



25TH ANNUAL GENERAL MEETING

'VIRTUAL AGM' 6TH FEBRUARY 2021



Power & Energy Society®

IEEE PES MALAYSIA CHAPTER

IEEE POWER & ENERGY SOCIETY MALAYSIA CHAPTER

[HTTPS://SITE.IEEE.ORG/MALAYSIA-PES/](https://site.ieee.org/malaysia-pes/)



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NOTICE OF 25th ANNUAL GENERAL MEETING (6th FEBRUARY 2021)

Dear IEEE PES Members,

This is to update you of the upcoming Annual General Meeting (AGM) for IEEE Power & Energy Society (PES) Malaysia Chapter. The details of the meeting are as follows:

Date: 6th February 2021 (Saturday)
Time: 9.00 – 10.00 am
Venue: Online Platform (Link will be emailed prior to the event date)
Registration Link: http://bit.ly/PES_AGM2021

The IEEE PES Malaysia Chapter AGM Agenda:

1. To accept the minutes of the 24th Annual General Meeting.
2. To receive the Chair's Report for 2020 Session.
3. To receive the Treasurer's Report for 2020 Session.
4. Dissolution of Committee for 2020 Session.
5. Election of Committee for 2021 and appointment of 2 auditors.
6. Address by the PES Malaysia Chapter Chair 2021.
7. Any other business.

Nomination and Election Process:

Nominations shall be made online through the following link: http://bit.ly/2021PES_Nomination_Form

1. A Proposer can nominate a candidate for any of these positions (Chair, Vice Chair, Secretary, Treasurer & Executive Committee)
2. One Secunder is needed to support the nomination.
3. The Nominees, upon consultation by the proposer, shall endorse the respective nomination, on whether they agree to be nominated.
4. All nominations shall be submitted **no later than 23:59 31st January 2021**.
5. The voting process shall be conducted as per the AGM agenda.
6. Members who intend to vote shall have to register to attend the AGM.
7. Further guidelines on voting procedures will follow in the next email.

Members are advised to register online **before or by 29th January 2021**.

As always, we thank you for your continued support and dedication to PES Malaysia. Members need to renew 2021 membership before attending the AGM to be eligible to vote during the AGM.

For your convenience, kindly renew your membership at <https://www.ieee.org>.

Thank you.

Yours sincerely,
Hazlie Mokhlis, PhD, SMIEEE
Chair, IEEE PES Malaysia Chapter



25TH ANNUAL GENERAL MEETING

PROGRAM OF THE DAY

0845 Registration & Networking (Online)

0900 IEEE PES AGM

1030 IEEE Malaysia Section AGM

Agenda:

1. To accept the minutes of the 24th Annual General Meeting.
2. To receive Annual Report for 2020 Session.
3. To receive Treasurer's Report for 2020 Session.
4. Dissolution of Committee for 2020 Session.
5. Election of Committee for 2021 and appointment of 2 auditors.
6. Address by the PES Malaysia Chapter Chair 2021.
7. Any other business.

**MINUTES OF MEETING
24TH ANNUAL GENERAL MEETING
18TH JANUARY 2020
PULSE GRANDE HOTEL
PUTRAJAYA**

LIST OF ATTENDANCE

As attachment

AGENDA

1. To accept the minutes of the 23rd Annual General Meeting.
2. To receive Annual Report for 2019 Session.
3. To receive Treasurer's Report for 2019 Session.
4. Dissolution of Committee for 2019 Session.
5. Election of Committee for 2020 and appointment of 2 auditors.
6. Address by the PES Malaysia Chapter Chair 2020.
7. Any other business.

MEETING MINUTES

1. Welcoming address by 2019 Vice Chair

Hazlie Mokhlis as the Vice Chair of PES Malaysia welcomed all members to the 24th PES Annual General Meeting and informed the members that the Chair was unable to be present due to a personal event. A pre-recorded video message by the Chair was then viewed by the members present.

2. To accept minutes of the 23rd Annual General Meeting

The minutes of the 23rd PES Annual General Meeting was presented by the Vice Chair and the minutes were proposed to be accepted with amendment by M. Zain and seconded by Michael.

3. Annual Report for 2019 Session

The Vice-Chair presented the annual report for 2019 as follows:

3.1 Executive Summary

In 2019, IEEE Power and Energy Society (PES) Malaysia Chapter had completed 55 activities. The activities include, nine (9) administrative meeting, ten (10) membership drives, eleven (11) technical and four (4) professional talks, twelve (12) educational activities, seven (7) social activities and two (2) humanitarian activities. All activities were attended with a good number of participants.

This year, PES Malaysia Chapter had started the effort to get involved in the humanitarian activity by co-organizing the event with the PES Student Branch. In July, PES Malaysia had supported IEEE UNITEN PES Student Branch to provide Gravity Lights to Orang Asli Village at Royal Belum, Perak. While in November, Charity Run HOPE 1.0: Winter Mission for Syria had been organized with IEEE UiTM PES Student Branch. This event has attracted about 250 participants.

In term of awards and achievements, PES Malaysia had receiving USD790 in High Performance Chapter Program (HPCP) and runners up for Outstanding Chapter Award (OCA) - (Large Chapter Category) for the activities in 2018. This recognition is awarded by IEEE PES. Furthermore, PES

Malaysia had also received recognition from IEEE Malaysia as the first runner up for 2018 IEEE Malaysia Section Best Website Award and 2018 IEEE Malaysia Section Best Short Video Award.

3.2 List of Officer and Executive Committee Members

The Executive Committee of IEEE PES for year 2019 are as follows:

No	Name	Portfolio	Affiliations
1	Eng Chin Yeoh	Chair	Sher Engineering & Consultancy Sdn Bhd
2	Md Pauzi Abdullah	Past Chair/ Awards and Nomination	UTM
3	Hazlie Mokhlis	Vice Chair (Membership Development)	UM
4	Fatimah Salim	Secretary	UTM
5	Nur Ashida Salim	Treasurer	UiTM
6	Mohammad Ali Tofigh	Technical Activities	MSU
7	Miszaina Osman	Industrial/ Professional Activities	UNITEN
8	Zuhaila Mat Yasin	Young Professional Coordinator / Student activity	UiTM
9	Zaipatimah Ali	WIE / Educational activity	UNITEN
10	Jasronita Jasni	Communication and Humanitarian Activity	UPM

3.3 Organizational Activities

3.3.1 Membership Development Programs

PES Malaysia and IEEE Malaysia section has organized IEEE Membership Drive & Senior Member Elevation Workshop on 28 June 2019 at Universiti Teknologi MARA, Cawangan Pulau Pinang, North Region of Malaysia. This is a "hands-on" workshop where members were given briefing on how to complete the senior membership application form. Until January 2020, 14 PES Malaysia members had successfully upgraded their membership to Senior Member.

PES Malaysia has consistently conducted 7 membership drives to promote IEEE and PES memberships. In 2019, PES Malaysia has 165 active members, of which 63 are new and upgrade (from member to Senior Member) members. These new members contribute about 38.2% of PES Malaysia membership. The distribution of new PES Malaysia member area as follow:

Grade Category	Grade Effective Date (Before 2019)	Grade Effective Date (2019)	Total
Affiliate	3	0	3
Senior Member	39	14	53
Member	48	19	67
Graduate Student	2	9	11
Student Member	10	21	31
		Grand Total	165

List of membership drive that had been conducted this year are as follow:

No	Date	Venue	Speaker	No of Attendees
1	11 Apr 2019	Faculty of Information Science and Engineering, Management and Science University (MSU), Shah Alam	Hazlie Mokhlis	50
2	22 Apr 2019	Faculty of Information Science and Engineering, Management and Science University (MSU), Shah Alam	Hazlie Mokhlis	36
3	29 May 2019	The Energy Sphere, UNITEN	Eng Chin Yeoh	37
4	20 June 2019	UiTM Shah Alam	Eng Chin Yeoh	26
5	28 June 2019	Universiti Teknologi MARA, Cawangan Pulau Pinang	Zuhaina Zakaria	17
6	23 July 2019	UNITEN	Eng Chin Yeoh	97
7	23 Aug 2019	UNITEN	Eng Chin Yeoh	97
8	29 Aug 2019	UNITEN	Eng Chin Yeoh	101

3.3.2 Professional and Continuing Education Activities (Includes conferences, technical event, training courses)

No.	Date	Title	Presenter/ Venue	Category / (Attendance)
1	5 Jan 2019	APPEEC Committee Dinner	Jade Garden Seafood Corner, Pengerang Johor	Non-Technical/Social (40)
2	9 Mar 2019	IEEE Malaysia Section 2019 Leadership Camp	Malaysian Global Innovation & Creativity Centre (MaGIC) Cyberjaya	Administrative (51)
3	4 May 2019	IEEE-PES ExCom Meeting No 2/2019	Klang Executive Club, Persiaran Bukit Raja 2, Klang	Administrative (10)
4	1 Dec 2019	R10 PES Chapter Chair Training Meeting	Grand Lapa Hotel Macao	Administrative (20)
5	23 Mar 2019	IEEE-PES ExCom Meeting No 1/2019	Meeting Room ION 2, Gloria Residences, Genting Highlands, Pahang	Administrative (11)
6	23 Mar 2019	2019 IEEE PES Strategic Planning	Meeting Room ION 2, Gloria Residences, Genting Highlands, Pahang	Administrative (11)

No.	Date	Title	Presenter/ Venue	Category / (Attendance)
7	13 July 2019	IEEE-PES ExCom Meeting No 3/2019	Klang Executive Club, Persiaran Bukit Raja 2, Klang	Administrative (10)
8	21 Sept 2019	IEEE-PES ExCom Meeting No 4/2019	Klang Executive Club, Persiaran Bukit Raja 2, Klang	Administrative (11)
9	2 Nov 2019	IEEE-PES ExCom Meeting No 5/2019	Klang Executive Club, Persiaran Bukit Raja 2, Klang	Administrative (8)
10	25 Sept 2019	Seminar Arduino untuk Pelajar Tingkatan Dua	Sekolah Menengah Sains Hulu Selangor	Education/Pre-University Activities (136)
11	24 Sept 2019	Panel Judge and Sponsoring FYP Award for UNITEN Final Year Project Award for track Power & Energy	College of Engineering, UNITEN	Education/Student Activity (120)
12	23 Oct 2019	IEE PES Student Congress 2019	College of Engineering, UNITEN and ILSAS	Education/Student Activity (50)
13	15 - 17 Oct 2019	Co-sponsoring 2019 17th IEEE Student Conference on Research and Development (SCORED) Student Travel Grant	UTP	Education/Student Activity (80)
14	26 & 27 July 2019	Humanitarian Activities in Royal Belum	Royal Belum, Perak	Humanitarian & Technical (83)
15	29 Aug 2019	Membership Drive IEEE PES	UNITEN	Membership (101)
16	27 Sept 2019	IEEE-PES Student Branch: Send & Win		Non-Technical
17	23 Nov 2019	Charity Run HOPE 1.0: Winter Mission for Syria	Engine Square, UiTM Shah Alam	Non-Technical/ Humanitarian (250)
18	19 Jan 2019	2019 AGM Dinner	Dorsett, Putrajaya	Non-Technical/Award Dinner (20)
19	6 Apr 2019	Bowling Tournament	Alamanda Bowl, Alamanda Shopping Centre, Putrajaya	Non-Technical/Social (20)
20	19 Apr 2019	PES DAY Celebration by UNITEN PES SB Chapter at UNITEN	UNITEN	Non-Technical/Social (20)

No.	Date	Title	Presenter/ Venue	Category / (Attendance)
21	28 Sept 2019	Support for 9th IET Malaysia Network Prestige Lecture & Award Dinner 2019 (PLAD 2019)	Renaissance Hotel	Non-Technical/Social (200)
22	5 Oct 2019	IEEE Power & Energy Society Family Day 2019	Gurney Bowl, Level 6, Residensi UTM	Non-Technical/Social (60)
23	12 Oct 2019	IEEE Malaysia Open Day	Malaysian Global Innovation & Creativity Centre (MaGIC)	Non-Technical/Social (200)
24	19 Jan 2019	2019 AGM IEEE PES Malaysia	VIP 1 Room, Dorsett, Putrajaya	Administrative (30)
25	8 Nov 2019	Motivational Talk and Experience Sharing by Women in Power	College of Engineering, UNITEN	Professional (35)
26	21 Sept 2019	Sponsor and technical panel judge for 6th IEEE Final Year Project (FYP) Online Competition 2019 for track Power & Energy		Professional / Continuing Education (54)
27	20 June 2019	Distinguish Lecture Program “Practical Power Flow Controller Brings Benefits of Power Electronic to the Grid”	UiTM Shah Alam	Professional/ Industry Relation (26)
28	11 Apr 2019	IEEE PES Talk Series: A Journey to Publish High Quality Technical Journals	Faculty of Information Science and Engineering, Management and Science University (MSU), Shah Alam	Professional/ Professional Development (50)
29	23 July 2019	IEEE PES Seminar: Advancement in Power Transformer Design and Application	UNITEN	Professional/Industry Relations (97)
30	29 & 30 Aug 2019	IEEE PES SEMINAR: 4th International Symposium on Lightning Research (ISLR2019)	UNITEN	Professional/Industry Relations (101)
31	19 Feb 2019	Panel Judge and Sponsoring FYP Award for UNITEN Final Year Project Award for track Power & Energy	College of Engineering, UNITEN	Technical (170)

No.	Date	Title	Presenter/ Venue	Category / (Attendance)
32	19 Mar 2019	Discussion on Collaboration Opportunity between IEEE-PES & ILSAS	TNB Integrated Learning Solution Sdn Bhd – ILSAS	Technical (16)
33	19 Mar 2019	Sites visit at ILSAS Training Centre	TNB Integrated Learning Solution Sdn Bhd – ILSAS	Technical (12)
34	22 Apr 2019	IEEE PES DLP Talk: Renewable Energy Integration	Faculty of Information Science and Engineering, Management and Science University (MSU), Shah Alam	Technical (36)
35	28 Apr 2019	Technical visit to Three Gorges Dam Project Exhibition Centre	Three Gorges Dam Project Exhibition Centre, Yichang, Hubei, China	Technical (12)
36	30 Apr 2019	Educational visit to Chongqing University, China	Chongqing University, China	Technical (22)
37	2 May 2019	Exhibition of Senior Projects on Electrical & Electronics Engineering 2019, FKEE, UMP	FKEE, Universiti Malaysia Pahang Pekan	Technical (238)
38	14 May 2019	FYP Final Year Project 2 Seminar Presentation Award, IIUM	IIUM, Jalan Gombak, 53100, Selangor	Technical (122)
39	15 May 2019	Final Year Project Poster competition at UKM	UKM, 43600 Bangi, Selangor	Technical (170)
40	23 May 2019	Final Year Student Conference University of Malaya (GENIUS 2019)	Faculty of Engineering, UM, Jalan Universiti, 50603 Kuala Lumpur, Wilayah Persekutuan Kuala Lumpur	Technical (200)
41	20 June 2019	Medium Voltage Gas Insulated Switchgear	Auditorium Ultimate Professional Centre, 93100 Kuching, Sarawak	Technical (26)
42	29 May, 2019	IEEE PES DLP Talk: Smart Metering and Demand-Side Integration	N e b u l a B E - 1 - 0 1 7, The Energy Sphere, UNITEN	Technical (37)
43	23 Aug 2019	IEEE PES Talk: Solar Photovoltaic (PV) Energy Technologies Applied in Malaysia	UNITEN	Technical (97)
44	20 Sept 2019	TNB-ILSAS Digital Transformation Program: The Adoption of Extended Reality	Wisma IEM, 04-Auditorium Malakoff, Ground Floor	Technical (100)

No.	Date	Title	Presenter/ Venue	Category / (Attendance)
		and Drone Technologies in TNB-ILSAS Industrial 4.0 Solutions		
45	19 Oct 2019	Smart Meter and Advanced Metering Infrastructure	Aloft Sentral, Kuala Lumpur	Technical (70)
46	19 Oct 2019	Future Proofing Approaches in Engineering Management	Aloft Sentral, Kuala Lumpur	Technical (70)
47	14 Dec 2019	IEEE PES Workshop: Introduction to Metaheuristic Techniques for Power System Optimization	Management and Science University (MSU)	Technical (20)

3.3.3 Awards

The award received in 2019 is based on PES Malaysia activities that had been conducted in 2018. The award is as follow:

1. 2018 Outstanding Chapter Award (Large Chapter Category) – Runner up
2. High Performance Chapter Program (HPCP) for activities in 2018 - Received USD790.
3. 2018 IEEE Malaysia Section Best Website Award – 1st Runner Up
4. 2018 IEEE Malaysia Section Best Short Video Award - 1st Runner Up

2019 Award Recipients are as follow:

1. Chapter Outstanding Engineer Award (Greater than 15 years): Zuhaina Zakaria
2. Outstanding Chapter Volunteer Award (OCVA): Michael Joseph
3. 2019 IEEE PES Corporate Recognition Award: TNB Integrated Learning Solution Sdn Bhd (ILSAS)
4. IEEE PES Malaysia Outstanding Student Volunteer Award: Tuan Nur Affiq Tuan Daud (UiTM PES Student Branch Chapter)

The 2019 Annual Report was proposed to be accepted by Miszaina and seconded by Rodney.

4. Treasurer's Report 2019

Nur Ashida as treasurer of PES Malaysia 2019 presented the Financial Report ending on 31st December 2019. The total balance in account is RM7,289.00. The 2019 Treasurer's Report proposed to be accepted with amendment by Mohd Zainal Abidin and seconded by Ali Tofigh.

5. AOB

- Medium Voltage Gas Insulated Switchgear technical talk had been delivered by Razali Budin on 20 June 2019. This event needs to be registered as one of PES activity for 2019.

6. Dissolution of Committee for 2019 Session

The Vice Chair announced the dissolution of 2019 Executive Committee to allow for the election of the 2020 Executive Committee. He also thanked the 2019 Executive Committee for their hard work and commitment contributed to the chapter.

7. Election of Committee for 2020 and Appointment of 2 Auditors

As the past chair, Michael played his role as the election chair with the following results:

Position: Chair		
Candidate	Proposer	Seconder
Hazlie Mokhlis	Md Pauzi Abdullah	M. Zain
Nomination closed : Proposed by Rodney and seconded by Ali Tofigh Result : Hazlie won unopposed		
Position: Vice-Chair		
Candidate	Proposer	Seconder
Fatimah Salim	Md Pauzi Abdullah	M. Zain
Norhafiz Azis	Mohd Zainal Abidin Ab Kadir	Ahmad Farid Abidin
Nomination closed : Proposed by Mohammad Effendy and seconded by Ali Tofigh Result : Voting exercise was carried out and Fatimah won the post of Vice-Chair		
Position: Secretary		
Candidate	Proposer	Seconder
Nur Ashida Salim	Miszaina Osman	M. Zain
Nomination closed : Proposed by Razali Budin and seconded by Ali Tofigh Result : Nur Ashida won unopposed		

Position: Treasurer		
Candidate	Proposer	Seconder
Miszaina Osman	Nur Ashida Salim	Mohd Zainal Abidin Ab Kadir
Razali Budin	M. Zain	Norhafiz Azis
Nomination closed : Proposed by Rodney and seconded by Ahmad Farid Abidin Result : Voting exercise was carried out and Miszaina Osman won the post of Treasurer		
Position: Committee Members		
Candidate	Proposer	Seconder
Haroon Rashid	Hussein	Md Pauzi Abdullah
Zuhaila Mat Yasin	Miszaina Osman	Ahmad Farid Abidin
Ali Tofigh	Razali Budin	M. Zain
Bryan Chan Kok Wai	Rodney	Razali Budin
Norhafiz Azis	Zuhaila Mat Yasin	Mohd Zainal Abidin Ab Kadir
Mohamed Fu'ad Faisal	Affiezal Adnan	Mohammad Effendy
Ahmad Farid Abidin	Hasmainsi Mohamad	Mohd Zainal Abidin Ab Kadir
Nomination closed :		

Proposed by Mohammad Effendy and seconded by Ahmad Farid Abidin		
Result	: The appointed committee members are:	
	<ol style="list-style-type: none"> 1. Haroon Rashid 2. Zuhaila Mat Yasin 3. Bryan Chan Kok Wai 4. Norhafiz Azis 	
Position: Auditors		
Candidate	Proposer	Seconded
Razali Budin	M. Zain	Mohd Zainal Abidin Ab Kadir
Shahrinaz Ismail	Haroon Rashid	Mohammed Hussein Saleh Haram
Mohamed Fu'ad Faisal	Norhafiz Azis	Mohd Zainal Abidin Ab Kadir
Nomination closed : Proposed by M. Zain and seconded by Haroon		
Result	: The appointed auditors are:	
	<ol style="list-style-type: none"> 1. Razali Budin 2. Mohamed Fu'ad Faisal 	

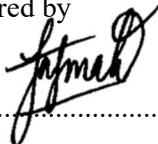
8 Speech by 2020 Session Chair

PES Chair for 2020, Hazlie, gave a welcoming speech. He hoped to get more participation from members for the 2020 activities. All members are invited to suggest the activities for 2020.

9 Adjournment

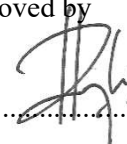
The meeting was adjourned at 10:25 am.

Prepared by



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 Fatimah Salim
 Secretary 2019
 IEEE PES Malaysia Chapter

Approved by



.....
 Hazlie Mokhlis
 Chapter Vice Chair 2019
 IEEE PES Malaysia Chapter

ATTACHMENT 1: ATTENDANCE OF PES 24th ANNUAL GENERAL MEETING

No.	Name	Grade
1	Affiezal Adnan	Senior Member
2	Fatimah Salim	Senior Member
3	Haroon Rashid	Senior Member
4	Hasmaini Mohamad	Senior Member
5	Hazlie Mokhlis	Senior Member
6	Jagadeesh Pasupuleti	Senior Member
7	Mohamed Fau'ad Faisal	Senior Member
8	Mohammad Effendy Yaacob	Senior Member
9	Md Pauzi Abdullah	Senior Member
10	Michael R Joseph	Senior Member
11	Miszaina Osman	Senior Member
12	Mohammad Ali Tofigh	Senior Member
13	Nur Ashida Salim	Senior Member
14	Razali Budin	Senior Member
15	Zainal Abidin Kadir	Senior Member
16	Zainal Salam	Senior Member
17	Zuhaila Mat Yasin	Senior Member
18	Ahmad Farid Abidin	Member
19	Kok Wai Chan	Member
20	Liang Hean Teh	Member
21	Mohd Zain Abdullah	Member
22	Mohammed Reyasudin Basir Khan	Member
23	Noor Mohd Fadzli Ohman	Member
24	Norhafiz Azis	Member
25	Rodney H.G. Tan	Member
26	Shahrinaz Ismail	Member
27	Shamsul Aizam	Member
28	Zaipatimah Ali	Member
29	Nur Nalisa Hanim Shahrulhisham	Student Member
30	Tuan Nur Affiq bun Tuan Daud	Student Member
31	Mohammed Hussein Saleh Haram	Student Member

IEEE PES MALAYSIA CHAPTER 2020 ANNUAL REPORT

PART A: 2020 CHAPTER SUMMARY

IEEE Power & Energy Society (PES) Malaysia Chapter had completed 49 activities for the year 2020. The activities include six (6) membership drives, sixteen (16) technical talks, eight (8) educational, three (3) social, six (6) professional, two (2) Women in Power (WiP), two (2) conference and six (6) administration activities. All activities were attended with good number of participants which include both IEEE members and non-IEEE members. In 2020, IEEE PES Malaysia managed to organize few series of membership drive programs. This is to encourage participants especially for the non-IEEE members to join IEEE and IEEE PES where the benefits of IEEE and IEEE PES has been explained during these programs. Although the world has been hit by a tragedy due to pandemic COVID-19, this does not weaken our spirit to continue to run programs for the benefit of all members. Therefore, most of the programs were conducted virtually.

In terms of awards and achievements, IEEE PES Malaysia had received USD940 in High Performance Chapter Program (HPCP) and runners up for Outstanding Chapter Award (OCA) - (Large Chapter Category) for the activities in 2019. IEEE PES Malaysia has been awarded the runners up for IEEE R10 EAC Challenge University Category on the project “Electrical Power System Simulation Competition 2020 (EPSSCom)”. On top of that, IEEE PES Malaysia had also received recognition from IEEE Malaysia Section as the 1st Runner up for the 2019 website competition and 3rd Price winner for the Stay-at-Home video in 2020.

The Executive Committee of IEEE PES for year 2020 are as follows:

No	Name	Portfolio	Affiliations
1	Hazlie Mokhlis	Chair	UM
2	Eng Chin Yeoh	Past Chair / Awards and Nomination	Sher Engineering & Consultancy Sdn Bhd
3	Fatimah Salim	Vice Chair / Membership Development	UTM
4	Nur Ashida Salim	Secretary	UiTM
5	Miszaina Osman	Treasurer	UNITEN
6	Agung Firmansyah	Technical Activities	Aker Solutions Sdn Bhd
7	Bryan Chan Kok Wai	Industrial Relations & Professional Activities	Lloyd's Register
8	Haroon Rashid	Young Professional Coordinator / Student activity	UKM
9	Zuhaila Mat Yasin	WIE / Educational activity	UiTM
10	Jasrul Jamani Jamian	Humanitarian Activity	UTM
11	Norhafiz Azis	Strategic Communications	UPM

PART B: CHAPTER ACTIVITIES

B.1 Membership Development Activities

IEEE PES Malaysia and IEEE Malaysia section has organized Membership Drive & Senior Member Elevation Workshop, which have been conducted virtually as listed in the table:

No	Date	Venue	Speaker	No of Attendees
1	2/5/2020	Cisco Webex	Fatimah Salim	28
2	4/10/2020	Zoom	Hazlie Mokhlis	49
3	17/10/2020	Microsoft Teams	Nur Ashida Salim	80
4	28/11/2020	IEEE PES Malaysia Facebook Live and YouTube Live	Hazlie Mokhlis	90
5	11/12/2020	IEEE PES Malaysia YouTube Live	Agung Firmansyah	106
6	19/12/2020	IEEE PES Malaysia YouTube Live	Hazlie Mokhlis	106

The Senior Member Elevation Workshop was held on 2nd May 2020. This is a "hands-on" workshop where members were given briefing on how to complete the senior membership application form. From this workshop 8 PES Malaysia members had successfully upgraded to Senior Member. On top of that, PES Malaysia membership has shown significant growth from 168 members in year 2019 to 288 members in year 2020. The active promotion of IEEE PES through membership drives activity also had shown increase trend of membership in various grade, mainly student member as shown on in the following table. The significant increase in student members is due to the formation of new student branch chapter (Multimedia University) and the revival of UKM student branch chapter. Some reduction for category Affiliate and Member is due to inactive membership or member had upgraded to other category mainly senior member.

Grade Category	Grade Effective Date (Before 2020)	Grade Effective Date (2020)	Total (Dec 2020)
Affiliate	3	-2	1
Senior Member	55	+8	63
Member	69	-2	67
Graduate Student	11	+27	38
Student Member	30	+89	119
Grand Total			288

B.2 List of activities that had been conducted this year are as follow:

No.	Date	Title	Presenter/ Venue	Attendance
Professional Activities				
1	10/4/2020	Leading Through Crisis: How to Turn Adversity into Opportunities	Anita Lawrence / Online	40
2	23/4/2020	Educational Talk on Essential Skills for Practicing Engineer	Ir. Wan Nor Rashidi Bin Wan Tajuddin/ Online	133
3	27/4/2020	Embracing Digital World as Technopreneur	Assoc. Prof. SR. Dr. Norngainy Mohd Tawil / Online	134
4	28/4/2020	Malaysia Covid19 Closed Monitoring	Dr. Ramizi Bin Mohamed / Online	124
5	29/4/2020	Engineering your success: The essential skills required to become a professional engineer	Mr. Ahmad Zakuan Ahmad Dahalan / Online	63
6	30/4/2020	IEEE Leadership Talk 2020	Professor Ir. Dr. Zuhaina Binti Zakaria / Online	57

No.	Date	Title	Presenter/ Venue	Attendance
<u>Technical Activities</u>				
1	8/3/2020	Basic Short Course on Off-Grid Photovoltaic (OGPV) System Design	Dr. Jusrul Jamani Bin Jamian Dr. Zulkarnain Ahmad Noorden	18
2	9/3/2020	Discussion on Collaboration Opportunity Between IEEE-PES & ILSAS	IEEE PES & ILSAS representatives	6
3	22/4/2020	Electric Energy: Harvest Strategies for Electric Motor System in Industry	Ir. Assoc. Prof. Gobbi Ramasamy / Online	111
4	22/4/2020	Post COVID-19: Potential Impact to the Power Sector	Dr. Amir Hisham Hashim / Online	87
5	23/4/2020	Powering A Sustainable Future in Malaysia: JKR's Solar Power Initiatives	Ir. Dr. Abdul Muhaimin bin Mahmud / Online	38
6	24/4/2020	Electric Vehicle Charging - Development in Malaysia	Dr Che Hang Seng Ir Lee Yuen How/ Online	147
7	8/5/2020	Advances in Control of Fault Tolerant Induction Motor Drive: Ways to enhance safety and reliability	Dr Che Hang Seng Dr Mahdi Tousizadeh / Online	69
8	11/5/2020	Battery Storage Technologies & Their Potential Applications in the Power Systems	Prof. Wei-Jen Lee / Online	150
9	11/5/2020	ABB TXpert™ On (Power) The World's 1st Digital Power Transformer	Dr. Bhaba Priyo Das / Online	47
10	19/5/2020	Sustainability in Oil & Gas (O&G) and Petrochemical Industry	Mr. Eric Koenig / Online	74
11	4/8/2020	Electrical Power System Simulation Competition (EPSSCom 2020)	Virtual	80
12	7/8/2020	SWOT Analysis of Ground Mounted vs Floating Solar Power Plant	Virtual	110
13	20/11/2020	1st IEEE Five Minutes Final Year Project (5MFYP) Competition 2020 - Grand Finale	Virtual	1008
14	28/11/2020	Electrical Protection System in Practice	Ir. Dr. Mohamad Norshahrani Abdul Rahim / Online	90
15	11/12/2020	Quality Assurance of Transformer	Mr. Ronnie Minhaz / Online	106
16	19/12/2020	Technical Career Development for Electrical Engineer	Ts Ir Ammar bin Alamshah / Online	106

No.	Date	Title	Presenter/ Venue	Attendance
<u>Education Activities</u>				
1	11/2/2020	Final Year Project Awards, College of Engineering, UNITEN (Sem 2, 2019/2020)	Dr. Haroon Rashid (Panel of Judges) / Online	75
2	25/4/2020	MATLAB Webinar for Beginner	Ir. Ts. Dr. Rahimi bin Baharom / Online	90
3	28/4/2020	E-Learning Tools For T&L During Pandemic	Dr Abdul Hadi Azman / Online	68
4	29/6/2020	Final Year Project Awards at EngeniusEE 2020, Faculty of Engineering, UM (Sem 2, 2019/2020)	Dr. Haroon Rashid (Panel of Judges) / Online	106
5	27/7/2020	UMP Final Year Project Online Presentation	Dr. Zuhaila Mat Yasin (Panel of judges) / Online	14
6	18/8/2020	Final Year Project Awards, Kulliyah of Engineering, IIUM (Sem 2, 2019/2020)	Dr. Haroon Rashid (Panel of Judges) / Online	7
7	17/9/2020	Final Year Project Awards, Faculty of Engineering, UPM (Sem 2, 2019/2020)	Dr. Haroon Rashid (Panel of Judges) / Online	12
8	10/12/2020	Evaluation of 2020 IEEE Online FYP Competition: Track 7 (Power & Energy)	All PES ExCom (Panel of Judges) / Online	34
<u>Women in Power Activities</u>				
1	29/7/2020	Work-Life Integration and Social Contribution during Covid-19 as Women Engineers	Moderator: Dr. Titiporn Sangpetch Speaker 1: Dr. Jessica Bian Speaker 2: Prof. Ir. Dr. Zuhaina Zakaria Speaker 3: Dr. Piyapan Hannarkin / Online	67
2	26/6/2020	Online Forum Post Covid-19: Embracing the New Normal	Moderator: Prof. Dr. Zuhaina Zakaria Speaker 1: Prof. Dr. Norliza Mohd Nor Speaker 2: Prof. Dr. Titik Khawa Abdul Rahman Speaker 3: Dr. Chuah Soo Cheng / Online	64
<u>Conference</u>				
1	4/10/2020	2020 (8th) International Conference on Smart Grid and Clean Energy Technologies	1. Prof. Alberto Borghetti, University of Bologna, Italy 2. Prof. Masakazu Kato, Tokyo Denki University, Japan	49

No.	Date	Title	Presenter/ Venue	Attendance
			3. Prof. Yun Seng Lim, Universiti Tunku Abdul Rahman, Malaysia 4. Prof. Omar bin Yaakob, Universiti Teknologi Malaysia 5. Prof. Eng Yoke Kee, Universiti Tunku Abdul Rahman, Malaysia / Online	
2	7/12/2020	2020 IEEE International Conference on Power and Energy	1. Professor Huang-Jen 2. Dato' Ir. Dr. Ali Askar Sher Mohamad / Online	77
<u>Social Activities</u>				
1	19/12/2020	IEEE PES Malaysia 2019 Award Ceremony	2019 IEEE PES Chapter Outstanding Engineer Award: Zuhaina Zakaria 2019 IEEE PES Outstanding Chapter Volunteer Award: Michael Joseph 2019 IEEE PES Malaysia Outstanding Student Volunteer Award: Tuan Nur Affiq Tuan Daud 2019 IEEE PES Corporate Award: TNB Integrated Learning Solution Sdn Bhd (ILSAS) / Pullman Bangsar	15
2	19/12/2020	IEEE PES Malaysia Get Together	Pullman Bangsar	15
3	Jan – Dec 2020	IEEE PES Face Mask Distribution to Members	Delivery by post	200
<u>Administrative activities</u>				
1	15/2/2020	IEEE-PES ExCom Meeting No 1/2020		14
2	15/2/2020	2020 IEEE-PES Strategic Planning		14
3	4/4/2020	IEEE-PES ExCom Meeting No 2/2020		15
4	13/6/2020	IEEE-PES ExCom Meeting No 3/2020		11
5	24/10/2020	IEEE-PES ExCom Meeting No 4/2020		14
6	19/12/2020	IEEE-PES ExCom Meeting No 5/2020		14

B.3 Awards

The award received in 2020 is based on PES Malaysia activities that had been conducted in 2019. The awards are as follow:

1. 2019 Outstanding Chapter Award (Large Chapter Category) – Runner up – Received USD250.
2. High Performance Chapter Program (HPCP) for activities in 2019 – Received USD940.
3. Runner-Up for IEEE R10 EAC Challenge University Category on the project “Electrical Power System Simulation Competition 2020 (EPSSCom)” – Received USD300
4. IEEE Malaysia Section 2019 website competition - 1st runners up – Received RM300.
5. IEEE Malaysia Section Stay-at-Home video competition - 3rd Price Winner – Received RM50

2020 Award Recipients are as follow:

1. IEEE PES Chapter Outstanding Engineer Award (Greater than 15 years): Mohamed Fuad Faisal
2. IEEE PES Chapter Outstanding Engineer Award (Less than 15 years): Md Pauzi Abdullah
3. IEEE PES Outstanding Chapter Volunteer Award: Zaipatimah Ali
4. IEEE PES Malaysia Outstanding Student Volunteer Award: Mohammed Hussein Saleh Mohammed Haram

PART C: GOALS AND PLANS

C.1 Goals

In 2021, the chapter planned to conduct activities that can cover various the members background such as academicians, industrial practices, postgraduate students and undergraduate students. Some activities will be made public with the objective to increase IEEE PES visibility and at the same time attract new membership.

- a) For student background, we will work closely with IEEE PES student branches to collaborate in the activities.
 - Webinar series will be based on the student interest, for examples on the topic of career development, industrial practices, publication journal paper and motivation talk.
 - Furthermore, we plan to continue organize the Electrical Power System Simulation Competition (EPSSCom). This competition has been successfully conducted in 2020 with a good number of group participants from Malaysia and Indonesia. For 2021, we plan to involve more industries as co-organizer for this competition and extended to Asian level.
 - A 5 minutes Final Year Project (5MFYP) competition and Final Year Project award will also be continued in collaboration with IEEE Young Professional Society.
- b) As for academia, the focus is more on providing with up-to-date technical knowledge and networking opportunities among different universities as well as with industries.
 - Besides organizing technical talks and industrial visit, we are planning to organize one workshop with the objective to bridge academia and industries so that they have opportunity to collaborate.
- c) Meanwhile, activities that may benefited members from industries such as special technical trainings and management skill are planned. The activities can be conducted by our own IEEE PES members that has expertise on special skill and knowledge.
 - Through this, IEEE PES members will work together to provide benefits to each other.
- d) Finally, if COVID-19 pandemic end, we would like to organize one social activity such as bowling tournament or any get together events. The objective is to create a strong relationship and networking for the benefits of all members.

C.2 2021 Planned Activities

Activity Type	Activity Description	Date dd/mm/year
Technical	Distinguished Lecture Program	TBA
Technical	Technical Talk by Industries	TBA
Technical	Technical Session hosted by Universities	TBA
Technical	Technical visit to selected sites	TBA
Technical	Plain Talk Series on Electrical Power System	TBA
Technical	2021 IEEE International Conference in Power Engineering Application	8 – 9 March 2021
Technical	3rd International Conference on Innovations in Power and Advanced Computing Technologies	27 – 29 Nov 2021
Education	FYP competition in Universities- Sponsor in the terms of prizes and providing professionals/experts as referee	TBA
Education	Electrical Power System Simulation Competition (EPSSCom 2021)	TBA
Education	5 minutes Final Year Project (5MFYP)	TBA
Technical	EDAS Setting for Conference Organizer Workshop	TBA
Membership	Senior membership Drive	TBA
Social	Get together IEEE PES Member program	TBA
Professional	Humanitarian Activities	TBA

Prepared by



.....
 Nur Ashida Salim
 Secretary 2020
 IEEE PES Malaysia Chapter

Approved by



.....
 Hazlie Mokhlis
 Chapter Chair 2020
 IEEE PES Malaysia Chapter


STATEMENT OF INCOME AND EXPENSE STATEMENT 2020

	Balance from 2019 (31st December 2019)	RM 7,289.00
INCOMES		
1	IEEE Malaysia Section Grant - 2nd Annual Grant 2019	RM 500.00
2	PES 1st runners up for website competition	RM 300.00
3	ICSGCE 2020 Income Sharing	RM 5,000.00
4	IEEE Malaysia Section Grant - 1st Annual Grant 2020	RM 500.00
5	IEEE Malaysia Section Grant - 2nd Annual Grant 2020	RM 500.00
6	Fixed Deposit Profit/Hibah	RM 791.90
7	Off Grid PV Course fee	RM 50.00
8	Sponsorship from CIRED for EPSSCOM Judges expenses	RM 1,000.00
9	Redeem Fixed Deposit	RM 20,000.00
10	IEEE PES Outstanding Chapter Awards for Large Chapter Runner Up 2019 (USD250)	RM 995.00
	TOTAL INCOMES	RM 29,636.90
EXPENSES		
1	Reimbursement & Refreshments for Administrative Meetings	RM 2,163.60
2	Annual General Meeting 2020	RM 550.90
3	ExCom Strategic Planning Retreat	RM 7,700.00
4	IEEE-PES Student Branch Chapter support	RM 800.00
5	Membership Development Activities	RM 2,834.94
6	Student Activities & Young Professional (YP)	RM 2,300.00
7	Awards & Appreciations	RM 100.00
8	Administrative Expenditure	RM 4,348.56
9	FYP Judging	RM 80.00
10	Bank Charges	RM 44.75
	TOTAL EXPENSES	RM 20,922.75
ASSETS		
1	3 units of RM 10,000 each unit (31/12/2020)	RM 30,000.00
	Total Fixed Deposit	RM 30,000.00
	Balance	RM 46,003.15

Affin Islamic Bank Berhad
(IEEE Malaysia PES Chapter 10-514-000488-7) statement balance as at
31-Dec-2020

RM 16,003.15

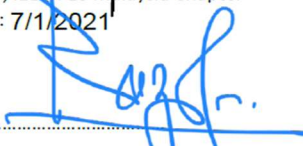
The financial statements for IEEE Power & Energy Society for year 2020 are digitally signed by the following:



Hazlie Mokhlis (41305363)
 Chair, IEEE-PES Malaysia Chapter
 Date: 7/1/2021



Miszaina Osman (90401001)
 Treasurer, IEEE-PES Malaysia Chapter
 Date: 7/1/2021



Razali Budin (8260937)
 Auditor 1
 Date: Jan 15th 2021



Mohamed Fu'ad Faisal (90537060)
 Auditor 2
 Date: 7.1.2021



Power & Energy Society®

IEEE PES MALAYSIA CHAPTER



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IEEE POWER & ENERGY SOCIETY MALAYSIA CHAPTER
[HTTPS://SITE.IEEE.ORG/MALAYSIA-PES/](https://site.ieee.org/malaysia-pes/)