



# **22ND ANNIVERSARY & MID YEAR CONVENTION**

## **The Foundation of** **iiee-crcsa**

- Presidential Report**
- Board of Directors**
- Roster of Members**
- Technical Report**



### **2020 IIEE THEME:**

*“Energizing IIEE for Membership Empowerment: Leading the way for Glocal Connectivity”*



[www.iiee-crcsa.org](http://www.iiee-crcsa.org)



@riyadhksa1998



- 2010, 2011 & 2015 IIEE Most Outstanding Chapter (Overseas Category)
- 2012, 2013, 2014, 2015 - Gold
- 2016 & 2017 - Bronze
- 2018 & 2019 - Silver
- Chapter Excellence Award
- 2014 - Banaag Award



# PHILIPPINE NATIONAL ANTHEM AND IIEE HYMN

## LUPANG HINIRANG

Bayang magiliw,  
Perlas ng silanganan,  
Alab ng puso  
Sa dibdib mo'y buhay.

Lupang hinirang,  
Duyan ka ng magiting,  
Sa manlulupig  
Di ka pasisiil.

Sa dagat at bundok,  
Sa simoy at sa langit mong bughaw,  
May dilag ang tula  
At awit sa paglayang  
minamahal.

## IIEE HYMN

We are one in IIEE mission  
and vision Instilling  
excellence in electrical  
profession Having a  
dynamic professional  
association Making  
innovative contribution to  
our nation (aaahh)

IIEE members works  
stronger than chain and  
volt rising to any  
challenge involving watts  
ohms and volts  
PEE REE and RME  
Connecting industries By  
the electric circuits  
(ah hah)

Bind us together IIEE  
Bind us forever IIEE  
With power chords that  
can't be broken  
Bind us together IIEE

Bind us together IIEE  
Bind us forever IIEE  
Synchronize our hearts to  
reach greater heights and  
brighter lights

We'll serve  
humanity with the power  
of electricity making rigid  
transmission grid for  
reliability

Ensuring little power loss  
and high efficiency When  
shifting from one place  
the usable energy  
(ah hah)

Bind us together IIEE  
Bind us forever IIEE  
Wit power chords that  
can't be broken  
Bind us together IIEE

Ang kislap ng watawat mo'y  
Tagumpay na nagniningning;  
Ang bituin at araw niya,  
Kailan pa ma'y di magdidilim.

Lupa ng araw, ng luwalhati't  
pagsinta,  
Buhay ay langit sa piling mo;  
Aming ligaya na 'pag may mang-aapi,  
Ang mamatay nang dahil sa iyo.

Bind us together IIEE  
Bind us forever IIEE  
Synchronize our hearts to  
reach greater heights and  
brighter lights

There is only one institute  
No one else will  
substitute There is only  
one IIEE



1975



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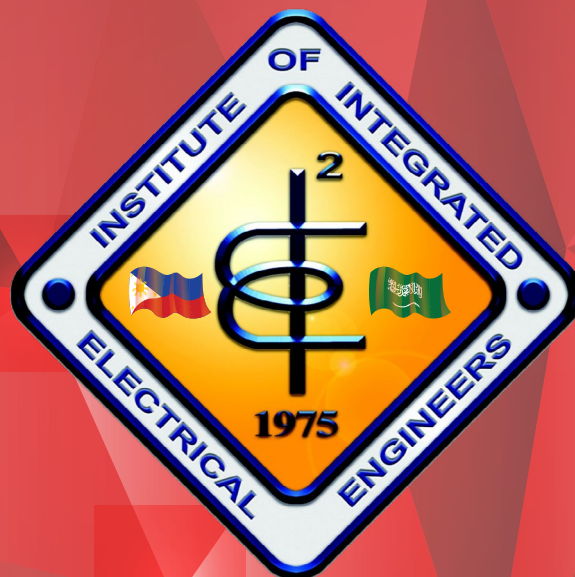


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MALACAÑAN PALACE  
MANILA



#### MESSAGE

My warmest greetings to the Institute of Integrated Electrical Engineers of the Philippines, Inc.-Central Region Chapter, Saudi Arabia (IEEE-CRCSA) as it holds its 22nd On-Line Mid year Convention.

Electrical engineers play a vital role in promoting the growth of our industries and communities. I thus commend IEEE-CRCSA for helping improve the knowledge and skills of Filipino electrical engineers in Saudi Arabia through its professional development programs.

May this event inspire you to become more responsive to the needs of your global clients and more determined to bring honor to our country through your excellence and competitiveness.

I also trust that you will continue to help uplift the lives of your respective families back in the Philippines so that they can lead more productive and meaningful lives as well. Let us remain partners in nation-building, especially in this challenging time of the COVID-19 pandemic.

I wish you a successful event.

RODRIGO ROA DUTERTE





Republic of the Philippines  
Professional Regulation Commission  
Manila



BOARD OF ELECTRICAL ENGINEERING



On behalf of the Professional Regulatory Board of the Electrical Engineering (PRBEE), it is my distinct pleasure to extend a warm congratulations to the Institute of Integrated Electrical Engineers - Central Region Chapter, Saudi Arabia (IIEE-CRCSA) for holding the 22nd IIEE-CRCSA Mid-Year Online Convention on August 21, 2020 via Zoom online Link, Riyadh, Kingdom of Saudi Arabia.

During the postponement of the physical events due to pandemic situation, the institute continue providing a valuable forum for private and public sector stakeholders through virtual learnings representing the energy industry, in addition to academics and researchers in the field to convene the 2020 theme, ***“Energizing IIEE Membership Empowerment: Leading the way for Glocal Connectivity”***. As always, our top priority is the safety and well-being of our members. The institute ensures every member has access to the professional learnings they need and deserve.

I want to acknowledge the 2020 Foreign Regional Governor and Central Region Chapter, Saudi Arabia Officers for dedicating efforts, expertise and resources to the successful coordination of this innovative and educational event.

With warmest personal regards!

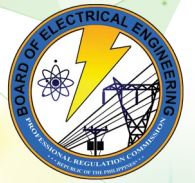
  
*Hon. Francis V. Mapile*  
Chairman  
Professional Regulatory Board of Electrical Engineering







Republic of the Philippines  
Professional Regulation Commission  
Manila



BOARD OF ELECTRICAL ENGINEERING



Congratulations to the men and women of the Institute of Integrated Electrical Engineers of the Philippines – Central Region Chapter, Saudi Arabia (IIEE-CRCSA) on the occasion of its 22<sup>nd</sup> IIEE-CRCSA Mid-Year Online Convention on 21 August 2020 with the theme **“Energizing IIEE Membership Empowerment: Leading the way for Glocal Connectivity”** via Zoom online Link, Riyadh, Kingdom of Saudi Arabia.

We extol the Central Region Chapter for its unyielding commitment to bring high-quality technical trainings and seminars that will improve the technical expertise of our professionals. Indeed, you have contributed in promoting and raising the standards of the electrical engineering profession. The commitments and efforts your officers and members have given to their continuous learning and growth during this time of flexible learning has been inspirational.

I am grateful that you remain dedicated and passionate to help IIEE in achieving your vision, “To be the leading Electrical Professional Organization Globally”. Your initiatives such as mentoring, seminars, trainings, and special events among others is truly a sign of commitment and selfless dedication to serve the Institute and its members.

Once again, congratulation to the officers and members of the CRCSA for organizing this online gathering. Throughout this virtual conference, I ask you to stay engaged and be proactive and help us shape the future of our electrical practitioners. Staysafe and Godbless!

Mabuhay tayong lahat!

  
**HON. JAIME V. MENDOZA**  
Member, Professional Board of Electrical Engineering





## Message



The year 2020 shocked the whole world and caught us all by surprise, the pandemic has turned the world on its side and we may never live our lives as we knew it. But despite its myriad twists and turns, we kept our head above the water and cling on to our faith as we stand resilient in the midst of uncertainty.

Given the profound shifts of the new normal in the international and economic landscape, guided by this year's theme: ***"Energizing IIEE for Membership Empowerment: Leading the way for Glocal Connectivity"*** comes at an auspicious time as we prepare to strengthen our organization by empowering our members within the reach of technology.

My heartfelt congratulations to the IIEE-CRCSA for its steadfast efforts in holding its 22nd Midyear Convention for the year 2020, a special shout out to the men and women behind this endeavor in its pursuit of professional excellence.

As we usher in the new normal, IIEE pledges its dedication and commitment to work together hand in hand to achieve this endeavor and ensure our services to members and in the electrical profession. I am confident that with this Midyear Convention, we will be keeping abreast our practitioners to move boldly as we empower our members and the electrical profession in the most profound way.

Let us keep the tie that binds us together as we continue working in engineering a better world!

Mabuhay ang IIEE-CRCSA!

Yours in the service of IIEE,

**ENGR. RODRIGO T. PECOLERA, PEE, ACPE, ASEAN  
NATIONAL PRESIDENT**







## Message

My warmest greetings to IIEE-CRCSA Chapter on your 22nd Midyear online convention this coming August 21, 2020. Despite of our current situation with COVID 19 Pandemic, still you are able to push through with your activities and let your members update on the current technology using new norms through webinar.

I commend IIEE – CRCSA Chapter for making a significant contribution to the Filipino Electrical practitioner in Riyadh, Saudi Arabia and with your continuous perseverance for improvement, no doubt the IIEE – CRCSA Chapter will be in the apex of an organization.

This year's theme: "Energizing IIEE for Membership Empowerment: Leading the way for Glocal Connectivity" is an affirmation to every electrical practitioner of its goal to achieve local and global competitiveness. It's also a way of challenging the members to enhance their knowledge and technical competences. We all know that to enhance one's knowledge is a continuous process of learning. I, therefore, encourage all members to support and be participative in all the activities being staged by IIEE – CRCSA Chapter. Supporting all IIEE-CRCSA activities will benefit everyone in your future career being electrical practitioner.

My sincere congratulations to IIEE – CRCSA Chapter for consistently maintaining the pride of IIEE.

Mabuhay and more power!

**DENE S. HORNEJA, PEE, ACPE, ASEAN Eng.**  
Governor Middle East (Gulf) Region





## Message



***"Adaptability is not imitation. It means power of resistance and assimilation." – Mahatma Gandhi***

First half of year 2020, not only for IIEE-CRCSA family but for the whole world, has been very tough. Many are pining, not only due to incrementing financial precarity.... some are in grief.

Now that we, Institute of Integrated Electrical Engineers of the Philippines, Inc. – Central Region Chapter, Saudi Arabia (IIEE-CRCSA), are in our 22nd Anniversary, we continue to show the world of our being a family concerned with conditions of each member.

Achieving the aim of this year's 2020 theme "Energizing IIEE for Membership Empowerment: Leading the way for Glocal Connectivity" will never be blocked by any obstacle even the current pandemic. The conduct of our 22nd Mid-Year Convention through online is simply one of the proofs.

Tailored with technical discussions, our convention will definitely further enhance technical mediocrity of certain electrical practitioners here in Riyadh and even in other parts of the globe. However, event like this would not be possible without the time and effort shared by the 2020 BOD's, Former Presidents and active members who made the success of this event distinct with its show of unity, working as a family.

Mabuhay ang IIEE-CRCSA!

**Engr. Luis A. Javier, PEE, ASEAN**  
2020 IIEE-CRCSA President







## *Message*

My salute to our 2020 IIEE-CRCSA President, Luis A. Javier, and our 2020 VP for External Affairs Julius Caesar D. Mondia, for spearheading this momentous event. And to all the working Committees and members of the Institute of Integrated Electrical Engineers of the Philippine Inc. Central Region Chapter, Saudi Arabia, my warmest greetings to us all.

Today, we are conducting our 22nd Mid-Year online Convention with the Theme: **"IIEE at 45: Energizing IIEE Membership Empowerment: Leading the Way for Glocal Connectivity"**. Amidst these trying times of pandemic scope and proportion brought about by COVID – 19. Everyone is gripped with anxiety and fear that this deadly virus could inflict to anybody without exemptions across all human kinds in all countries and continents. The threat of death is like a sound of Damocles hanging over our heads ready to strike anytime. It is this uncertainty that keeps each one of us out of focus therefore becoming unproductive and has become constraint towards economic growth and development. This helplessness has been felt most keenly by us migrant Filipino workers whose families are being left behind and whose welfares are foremost in our minds. It is along this line that I suggest that we draw our strengths back home. It is this motivating factor that prods us to evaluate ourselves being electrical practitioners as frontlines in the production of sustainable energy that fuels global economy.

Such self – rediscovering will serve as impetus in energizing membership empowerment that could lead the way for global and local connectivity. The realization of making ourselves more flexible to the challenges we are facing presently, by becoming more skillful in our chosen field of endeavors being engaged in power and energy. We are expected to ensure continuous energy production for ultimate consumption of our intended worldwide clientele.

This requires self-enhancement by increasing awareness on self improvements such as acquiring innovative technology both for communication and power production purposes; availment of educational programs for professional advancement as electrical practitioners; and embarking on comprehensive and collaborative research and development studies in the field of energy and power mobilization and resources.

The past 45 years saw a dynamic rise of IIEE-CRCSA. Yet, we cannot rest on these laurels considering the new challenges that we are facing today. Surely, opportunities have to be unearthed during this time of adversities by being creative and innovative. The field of power and energy offers a vast horizon for improvements, development and inventions. The used to recognized globally is more than over being felt for connectivity purposes.

One cannot exist in a vacuum but rather operate in an interrelated relationship to secure survival and sustainability.

Hence, we must be resilient and more skillful toward establishing global and local linkages.

As we move forward in meeting more challenges ahead, my fervent wish and prayers for all of us is to have the strength and courage to continue our journey being united in attaining our common goals and objectives.

More power to each and every one of us!

**Ruel Rosero Quijano, PEE**

2020 Chapter VP-Internal Affairs, IIEE-CRCSA

2020 Chapter Membership Committee Chairman, IIEE-CRCSA





## Message



My warmest greetings to the Officers and Members of the *Institute of Integrated Electrical Engineers of the Philippines Inc.–Central Region Chapter, Saudi Arabia* as you hold your *22nd IIEE-CRCSA Midyear Online Convention*. The first ever Online-convention in the history of IIEE-CRCSA.

Electricity is the main power source of our industries, and electrical engineers together with other related practitioners are considered heroes in supplying energy in our consumers especially in today's pandemic crisis we are experiencing nowadays. OFW Electrical Professionals always makes our country proud as we uphold in our continuous commitment, integrity, passion, and industry that we Filipinos are globally known for. May we continue to perform our duties and advocacies towards our colleagues, community and beloved country, as we respond to the challenge of sustaining the dignified lives we now face in this time of crisis.

We, the Overseas Filipino workers Electrical practitioners have long sought career advancement in foreign lands; now that we established the electrical reforms necessary to continue our professional career development, greater opportunities and priceless courageous act to withstand the test of time is becoming a reality thru the grace of God. Truly, IIEE binds us together and unites everyone. With our solidarity, we can look forward to a future where no electrical practitioners is left behind.

I wish all the best to our IIEE-CRCSA. God bless and Stay safe

**Julius Caesar D. Mondia, PEE, ATD, AER**  
2020 VP-External (IIEE-CRCSA)







## Message

**Welcome and warmest greetings to all!**

We are all aware of the impact of COVID-19 to people and economies all over the world and all of us are affected. Some lose their jobs and worst of all they do not survive. We are living in uncertain and unprecedented times and this will be very challenging for all of us.

Whatever is happening in the world, we should choose to move forward. We will emerge from this crisis and become a better person. We must continue learning and develop our skills.

IIEE-CRCSA will continue to pursue learning through Online Technical Seminars in a manner suitable to everyone and ensure that it will be a great impact for Professional Development and widen the knowledge of all Electrical Practitioners.

So, let me conclude by thanking and congratulate all of you for participating on this ***IIEE-CRCSA 22nd Midyear Convention***, without your support this event would not be successful.

May we all stay safe and healthy.

God bless us all!

**Edwin G. Cayabyab, PEE**

2020 Chapter VP-Technical Affairs, IIEE-CRCSA





## Message



My sincere congratulations to all my colleagues in IIEE-CRCSA as we celebrate the 22nd Mid-year Online Convention on August 21, 2020 via Zoom Online Link, Riyadh Palace, Riyadh, Kingdom of Saudi Arabia with the theme ***"IIEE @ 45 Energizing IIEE Membership Empowerment: Leading the Way for Global Connectivity"***.

I would like to commend my colleagues in the Chapter who have rendered a significant contribution in Electrical Engineering and especially your exemplary services in the professional advancement of electrical practitioners in Riyadh, Kingdom of Saudi Arabia which led to the success of the IIEE-CRCSA on its 22nd year of existence.

In these difficult times, where everything is trying to divide, separate and break us, the Chapter is still able to celebrate and conduct a convention via zoom online link. May this convention serve as a venue for electrical practitioners to collaborate towards our goal of improving and promoting the spirit of cooperation for the greater good of all.

To all the working Committees headed by the Chapter President, Engr. Luis A. Javier, congratulations for a job well done for making this Convention possible.

More power to IIEE-CRCSA!

**Rolando M. Nicolas, PEE, ACPE, ASEAN Engineer**

2012 Chapter President, IIEE-CRCSA

2012 Chairman, Philippine Professional Organizations

Central Region Saudi Arabia (PPO-CRCSA)







## *Message*

*Technology now allows people to connect anytime, anywhere, to anyone in the world, from almost any device. This is dramatically changing the way people work, facilitating 24/7 collaboration with colleagues who are dispersed across time zones, countries, and continents!*

- Michael Dell

Welcome all delegates to the 22nd IIEE CRCSA Midyear Convention on the 21st of August 2020 held virtually through online Zoom application. Congratulations to CRCSA for its resiliency and creativity to once again finding ways in delivering this online convention into the general membership.

As our IIEE theme for this year implies: ***"Energizing IIEE for Membership Empowerment: Leading the way for Glocal Connectivity"***, we need to be resolute and continue improving and educating ourselves by adapting and enhancing our skills & capabilities in order for us to be aware and informed and equipped in our extra ordinary journey towards global and local connectivity to maintain our competitiveness worldwide.

Amidst this global pandemic brought about by the severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2) popularly known as coronavirus disease (COVID-19), being electrical practitioners, we are at the frontline in the production of sustainable energy that powers the global economy. The world is expecting us to maintain the continuous and uninterrupted flow and delivery of this most precious energy that powers all sectors of society.

We are therefore upfront in facing the challenges that lie ahead of us. We need to be resilient, adept, skillful and technically well-versed in all aspects of energy production, transmission, and distribution. All the challenges, the burden and great demand of energy in the future will rely heavily on us being the professionals that are acquainted with power and energy.

Being professionally qualified, is still is not quite enough to really say that we are bound to a journey of never-ending success. We must continue to educate ourselves. Gather more skills. Learn new technology. We also need to be globally recognized – therefore we need to undergo professional upgrades in order to be at par with whole world.

Once again, thank you to the officers of the chapter for a job well-done. Thank you also to all the members who have joined and attended this event. This is another journey that you can use for your professional upgrade.

Thank you and more power to us all.

Mabuhay!

**Engr. Orlando T. Villapaña Jr., PEE/AER**

Senior Member IIEE

2020 Member – (MCDC) Membership & Chapter Development Committee, IIEE National  
2020 Chairman – Adhoc Committee on PEE Mentoring Program, IIEE-CRCSA  
2019 Member – (MCDC) Membership & Chapter Development Committee, IIEE National  
2019 Chairman – Adhoc Committee on ASEAN Engr. Registry (AER), IIEE-CRCSA  
2019 Chairman – Adhoc Committee on Complaints & Grievances, IIEE-CRCSA  
2018 Honorary Member – COMELEC, IIEE National  
2018 Professional Practice Committee Chairman & Grievance Committee Chairman (CRCSA)  
2017 Professional Practice Committee Chairman (CRCSA)  
2016 IIEE Most Outstanding Electrical Practitioner in the Field of Project Management  
2016 Chapter Adviser and Selection & Awards Committee Chairman (CRCSA)  
2016-17 Power Toastmaster Club President  
2015 IIEE Most Outstanding Chapter President Awardee (Icon Leadership Award)  
2015 IIEE Most Outstanding Chapter Award – Foreign Chapter Category (as President)  
2015 CRCSA President  
2015 Philippine Professional Organization (PPO) Auditor  
2014 SPLBE Chairman (CRCSA)  
2013-14 Power Toastmaster Club President  
2013 Technical Affairs Committee Chairman (CRCSA)  
2013-19: Board Of Director, IPSR 2nd BOD (Vice Chairman)  
2012 Student Affairs Committee Chairman (CRCSA)  
2012-15 CRCSA BOD





## Message

My warmest greetings to my colleagues in our 22nd IIEE CRCSA Chapter Mid-year Online Convention to be held on Friday 21st of August 2020 at 8:00 AM Onward, Riyadh, Saudi Arabia.

I commend the convention event Chairman, Working Committee, Board of Directors, Past Presidents and Members who have given their great effort in making this event a success. The extra effort exerted by them in conducting this midyear activity is sign of true leadership and devotion for the benefit of the organization and chapter members and guest.

As we have entered the year bannering the theme ***"IIEE: Energizing IIEE for Membership Empowerment Leading the way for global Connectivity"***, we are therefore bound to face all the challenges ahead of us in order to achieve success in whatever form it would take.

I am congratulating the whole members of the Working Committee for the success of the 22nd IIEE-CRCSA Mid-year Chapter Convention. This victory will mean nothing without your unflinching support.

**Nelson G. Martinez, PEE, ASEAN**

2017 Chapter Adviser, Selection &

Awards Committee Chairman

2016 Chapter President

IIEE National Awardee

2016 IIEE Most Outstanding Electrical

Practitioner in the Field of Consultancy







## Message

As we are celebrating IIEE-CRCSA 22nd Midyear Convention, I would like to express my deepest gratitude and appreciation to 2020 IIEE-CRCSA Executive Committee and Board of Directors, who exerted their utmost efforts in making this event possible. Thank you as well to IIEE-CRCSA past Presidents, sponsors, technical speakers, and guests on their presence, especially to the general members by making this virtual occasion meaningful through their valuable participations and dedications.

The beginning of year 2020 is such a great challenge for IIEE-CRCSA Board of Directors and its committees because of the pandemic that the whole world is currently facing, not knowing to when it will end. But the situation did not stop us, instead it gave us the reason to strive for new innovations in providing assistance to our fellow electrical practitioners. Such dedication is an unyielding message to IIEE world to bind together and maintain its goal to pursue beyond in delivering quality services and education for the purpose of instilling excellence to electrical professions thus providing positive contributions to national development and to its vision towards globalization.

I believe with such dedication and determination, by *Energizing IIEE for Membership Empowerment* together we can face the world, *Leading the way for Global Connectivity*. Stay safe, stay healthy, we heal as one, and God bless IIEE! Welcome and Mabuhay!

**Arnel O. Aguas, PEE, ASEAN**

2018 Chapter Adviser (IIEE-CRCSA)

2017 Chapter President (IIEE-CRCSA)

2017 Vice Chairman (PPO-CRSA)

2017 & 2018 Treasurer (PCEA-KSA)





## Message



Greetings and let me welcome you all to our 22nd Mid-Year Convention!

During the past months, we were faced with this pandemic and we almost lost our normal way of life as a chapter. But through the perseverance of our Leaders and Board of Directors, we are here once again to celebrate another mid-year anniversary full of enthusiasm to share and gain the needed knowledge and expertise to prepare for the upcoming brighter future.

No one knows how long will this pandemic last and hopefully a cure will be found soon. In the meantime, we must always be vigilant and keep ourselves safe. Some of us has already fallen ill and recovered. Unfortunately, some of our beloved colleagues have fallen to their demise. Stay safe, be mentally and physically healthy, it is better to avoid possible exposure as much as we can rather than finding cure for this dreadful disease.

In line with our theme, *"Energizing IIEE for Membership Empowerment: Leading the way for Glocal Connectivity"*, and despite the challenges that we are facing now, it is clear that we can still find ways to reach out to all our members and shed light on our professional growth. Though we are distant apart, through technological advancement, IIEE-CRCSA with its Board of Directors never ceased to deliver the give their best services to our dear members.

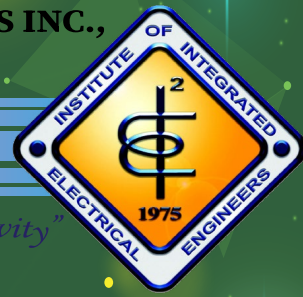
Let us stay together bound by our will to live safely and still excel in our field of expertise keeping in touch and being united, we will be able to surpass this pandemic and once again live a safe and happy future for us and our love ones.

More power IIEE-CRCSA and GOD BLESS us all!

  
**Engr. Orlando M. Sales, PEE, ASEAN Eng, SCE**  
2018 IIEE-CRCSA President  
2018 PPO-CRCSA Chairman







## Message

Mabuhay and Welcome to IIEE-CRCSA 22nd Midyear Convention!

I would like to congratulate the 2020 Board of Directors and the IIEE-CRCSA for the conduct of Online 22nd Midyear Convention despite of all the difficulties that have been encountered by the chapter and its members from the beginning of the 2020 brought by the COVID-19 pandemic which are yet to subside despite that physical movements have somehow been alleviated after several months of full restrictions for everyone's safety. This world crisis made everyone, everywhere suffer in all aspect of life which include health on top of everything, endangering the lives even at the smallest ounce of mistakes, financially, socially, emotionally and spiritually. It's a daily battle of safety for all of us.

However, where lots of people find these problems as high as the mountains to climb, there are those who found an opportunity out of this crisis and elevated their games to the next level to ensure survival and continuity of their existence. IIEE-CRCSA is one of those who reacted immediately, finding ways to connect and continue to realize its advocacy in delivering its sworn duty to its members and to community. So much so that we are among the first in the Foreign Chapters to conduct events online. Today, we are one of those who have conducted more events than other chapters which proves that distance is no longer a stiff hill to climb in reaching our goals.

As business in most areas are thriving through online platforms, learning new technology on how to run our daily tasks, businesses and errands have become the priority to continuously become relevant in the community and in our profession. Everybody is trying to learn new tricks of doing things and we cannot sit down and relax. We need to stay aligned and competitive locally and globally for our own benefit and also for those who rely on us. A concept that is already embedded in us which the 2020 IIE theme timely suggests: *"Energizing IIEE for Membership Empowerment: Leading the way for Glocal Connectivity"*.

Still, safety remains the topmost concern. Let us follow the safety protocol while performing our duties to our members, to our community and most of all to our family.

Once again, my congratulations. BE SAFE AT ALL TIMES.

  
**Nelson J. Tenorio, PEE**

2019 Chapter President-IIEE-CRCSA

2020 Chapter Adviser



The **Institute of Integrated Electrical Engineers of the Philippines, Inc. (IIEE)** is the organization of electrical practitioners and the only accredited professional organization (APO) of electrical practitioners by the Professional Regulation Commission (PRC) with PRC Cert. No. I-APO-016. Founded in 1975, the organization, which started with 500 members, has now 47,000 members and more are joining.

The new EE Law (RA 7920) requires Electrical Practitioners (Professional Electrical Engineers, Registered Electrical Engineers and Registered Master Electricians) to be a member of IIEE or other PRC accredited organization of electrical practitioners. IIEE being the only APO of electrical practitioners expects to more than double its membership by year 2008.

IIEE is committed to (1) upgrade the professional credentials of its members through the Continuing Professional Development (CPD) programs; (2) enhance their social standing through the promotion of high ideals of integrity and ethics; (3) facilitate advancement of technology transfer through carefully conceived educational and training programs; and (4) provide opportunity for regular interaction among electrical practitioners.

### IIEE Code of Ethics

#### Foreword

The Electrical Practitioners shall uphold and advance the integrity, honor, and dignity of the engineering profession by:

- a. Using his knowledge and skills for the enhancement of human welfare;
- b. Being honest and impartial, and serving with fidelity the public, his employers, employees, and clients; and
- c. Striving to increase the competence and prestige of the engineering profession.

### The Fundamental Canons

We, members of the Institute of Integrated Electrical Engineers of the Philippines, Inc. (IIEE), in recognition of the constant involvement of technology, in uplifting the quality of life, and in accepting a personal obligation and dedication to our profession, its members, and the communities we serve, do hereby pledge and commit ourselves to the highest ethical and professional conduct, and agree to:

1. Accept responsibility in making sound engineering decisions consistent with the safety, health, and welfare of the public, and to disclose promptly the factors that might endanger lives and the environment;
2. Avoid real or perceived conflict of interest or disclose existence of such to affected parties;

3. Be honest, objective, impartial and realistic in stating claims or estimates based on available facts;

4. Avoid at all cost graft and corruption in all its forms;

5. Improve the ethical understanding of technology and its appropriate application;

6. Continuously improve practitioner's technical competence;

7. Disclose full pertinent professional and technical limitations;

8. Seek, accept, and offer constructive criticism of technical work, acknowledge and mitigate errors, and give credit where it is due;

9. Equally treat all persons regardless of race, gender, physical condition, age, or national origin;

10. Protect and avoid injury to other's life, property, reputation, or livelihood by false or malicious actions;

11. Observe utmost transparency, responsibility, due diligence and fairness, and accordingly, not manufacture, spread or disseminate false, incorrect, unverified or misleading information or data against any co-member or the IIEE, its officers, employees and representatives or agents, in any form whatsoever, whether verbally, in writing or published or whether through electronics means or otherwise, especially if such tends to discredit, besmirch the honor or integrity or impute a wrongdoing on the part, of a co-member of the IIEE, its officers, employees and representatives or agents;

12. Support colleagues and co-workers in their professional and technical development and assist them in complying with this Code of Ethics;

13. Timely and fully comply and abide with any and all of his obligations to a co-member of the IIEE, the IIEE itself or any third party; and

14. Does not engage in or commit anti-competitive, fraudulent, and deceitful practices in any form, and uphold free and fair competition







**IIEE VISION**

To be the leading electrical professional organization globally.

**IIEE MISSION**

To enhance the competencies of electrical practitioners to make positive contribution towards new trends and technologies.

To be an authority of electrical engineering services that results to safe, reliable and efficient systems.

To consistently deliver high quality products and services duly recognized by international organizations and institutions.

To promote awareness on the use of environmentally friendly electrical products, services and resources as well as active participation on disaster preparedness and recovery programs.

**IIEE OBJECTIVES**

To enroll the membership and unite all Registered Electrical Engineers and Master Electricians into one dynamic, national association.

To promote the interest and protect the rights of all members in the exercise of their profession.

To foster and maintain high ethical standards in the Electrical Engineering Profession.

To advance the technical knowledge and encourage technical cooperation among the members through exchange of information, ideas and experience and the periodic staging of technical seminars and other activities.

To promote closer ties and fellowship among the members of the profession and with other engineers of associated technologies.

To cooperate with other engineering and technical societies and/or with the agencies of the Republic of the Philippines in all endeavors which enhance public service and common will.

To encourage the study of science and Electrical Engineering and allied sciences, and promote their practical applications.

To promote and encourage researches in Electrical Engineering and allied sciences.

To give guidance to young electrical engineers, master electricians, practitioners of electrical trades and students of Electrical Engineering.

To cooperate with the Professional Regulation Commission (PRC) and other government entities and other technical associations in the continuous upgrading of electrical engineering practice and education.







**iiee**

**2020 IIEE THEME:**

**“Energizing IIEE for Membership Empowerment:  
Leading the way for Glocal Connectivity”**

# CORE VALUES

**Integrity** is honesty, transparency, and fairness  
...in all aspects of our every day lives.

**Innovation** is to introduce changes or new ideas  
... for continuous improvement.

**Empowerment** is to give officers and members  
...the freedom to innovate and be recognized  
...for their contribution to the Institute.

**Excellence** is the state of being extremely good  
...or outstanding in everything we do.







**INSTITUTE OF INTEGRATED ELECTRICAL ENGINEERS OF THE PHILIPPINES, INC.**

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2019



**ORLANDO M. SALES, PEE**  
2018



**ARNEL O. AGUAS, PEE**  
2017



**NELSON G. MARTINEZ, PEE**  
2016



**ORLANDO T. VILLAPAÑA, PEE**  
2015



**DANIEL G. CABASA, PEE**  
2014



**SAHAK I. AMPANG, REE**  
2013



**ROLANDO M. NICOLAS, PEE**  
2012



**DENE S. HORNEJA, PEE**  
2011



**VICTOR B. IMPERIAL, PEE**  
2010



**PEDRO S. TORRES, REE**  
2009



**ROLANDO E. DELIVA, PEE**  
2008



**EDUARDO E. BAUTISTA, PEE**  
2007



**FRANCISCO C. SIGAYA JR., REE**  
2006



**RENATO A. DATUIN, PEE**  
2005



**ROGELIO B. MATIAS, PEE**  
2004



**TEOGENES E. SANCHEZ JR., PEE**  
2003



**EDWIN B. DELA LUNA, PEE**  
2002



**CONRADO C. BINONDO, PEE**  
2001



**FRANCISCO L. LICUDINE JR., REE**  
2000



**EUTIQUIO M. GUANTERO JR., PEE**  
1998-1999

2010, 2011 and 2015 Most Outstanding Chapter (**Overseas Category**)  
2012, 2013, 2014 and 2015 Chapter Excellence Award (**GOLD**)  
2014 - Presidential Award for Filipino Organizations Overseas (**Banaag Category**)





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**ROMANCITO SP. GAMBOA, REE**  
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**BENJAMIN F. CABAYA, REE**  
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**ANTERO G. GAMAYAO, REE**  
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GOVERNOR-AL KHARJ

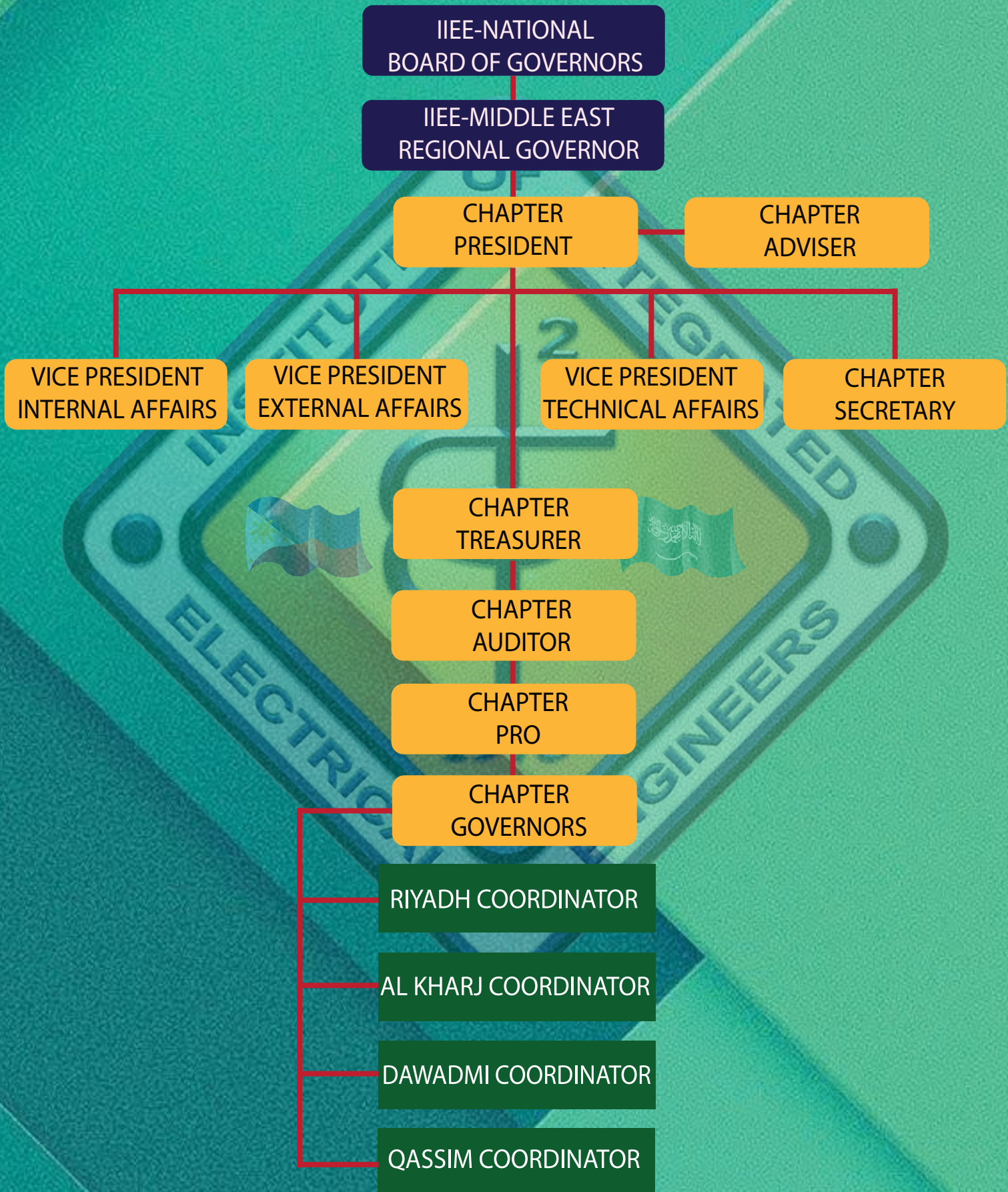
2016 and 2017 Chapter Excellence Award (BRONZE)  
2018 and 2019 Chapter Excellence Award (Silver)







# ORGANIZATIONAL CHART







## 2020 Standing Committee



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WAYS AND MEANS (W&M)



**ENGR. EDWIN G. CAYABYAB**  
TRAINING AND CERTIFICATION (T&C)  
CONTINUING EDUCATION (CE)



**ENGR. LECHICOE C. BOLANO**  
RESEARCH & DEVELOPMENT (R&D)



**ENGR. ROMANCITO S.P. GAMBOA**  
STANDARDS & SPECIFICATION (S&S)



**ENGR. BENJAMIN F. CABAYA**  
PUBLICATION & JOURNAL



**ENGR. ROEL B. ANIÑON**  
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WEBSITE DEVELOPMENT (WD)



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SPORTS PROMOTION (SP)



**ENGR. FREDELINO M. FORTALEZA JR.**  
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ARTS



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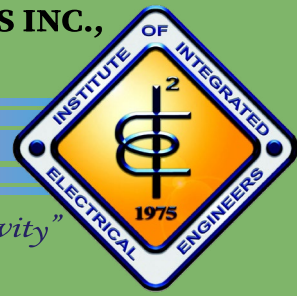


**ENGR. ROLANDO M. NICOLAS**  
ACPE REGISTRY (ACPER)



**ENGR. VICTOR B. IMPERIAL**  
BID FOR MOFC (BID)





*"Energizing IIEE for Membership Empowerment: Leading the way for Glocal Connectivity"*

## Programme

August 21, 2020

Fellow Members and Guests,

The Institute of Integrated Electrical Engineers of the Philippines, Inc. - Central Region Chapter, Saudi Arabia (IIEE-CRCSA) once again invites your presence on its Online Webinar via Zoom Conference application entitled **IIEE-CRCSA's 22nd Mid-year Online Convention on Friday – August 21, 2020 at 8:00am KSA time.**

### TECHNICAL SEMINARS:

- TOPIC:**  
**General Overview of Railway Signaling System**  
  
**SPEAKER:**  
**Engr. Ender Divriklioglu**  
**Senior Signalling Engineer**  
**RMTC/EGIS Riyadh, KSA.**
- TOPIC:**  
**Capacitors Application for Higher Voltage System in Saudi Electricity Company**  
  
**SPEAKER:**  
**Exequiel B. Bonagua, REE, RME**  
**Technical Support Engineer**  
**Saudi Electrical Contracting Company**  
**SELCOP Riyadh KSA.**

We are looking forward to your participation and we thank you in advance for your continued support to the chapter's activities.

Very truly yours,

**Luis A. Javier, PEE, AER**  
**2020 Chapter President**

### MORNING SESSION:

- 7:30-8:00** Registration and Fellowship
- 8:00-8:05** Opening Ceremonies  
(Emcee 1 : Benjamin F. Cabaya, REE)  
(Emcee 2 : Roldan V. Garcia, REE)
- 8:05-8:35** Invocation  
Rey C. Kong, PEE (Christian)  
Abdullah Mujahid, REE (Muslim)
- Philippine National Anthem,  
Saudi Anthem and IIEE Hymn  
House Rules Orientation  
Media File headed by  
Ezekiel V. Mendiola, REE
- Call to Order, Welcome Address,  
President's Report  
Luis A. Javier, PEE
- Treasurers Report  
Romancito SP. Gamboa
- Introduction of Inspirational Speaker  
Ruel R. Quijano, PEE
- 8:35-8:45** Ambassador's Message by H.E  
Hon. Adnan Alonto  
Philippine Ambassador
- Virtual presentation of Certificate of Appreciation  
Luis A. Javier, PEE
- 8:50-8:55** Introduction of MER Governor  
Arnel A. Morillo, PEE
- 8:55-9:05** MER Governor's Message by  
Engr. Dene Horneja  
MER Governor
- 9:05-9:10** Virtual presentation of Certificate of Appreciation  
Rolando M. Nicolas, PEE
- 9:10-9:15** Introduction of the Technical Resource Speaker  
Antero G. Gamayao, REE
- 9:15-11:15** Technical Seminar – Capacitors Application for  
Higher Voltage System in Saudi Electricity  
Company  
Exequiel B. Bonagua, REE, RME  
Technical Support Engineer  
Saudi Electrical Contracting Company (SELCOP)





11:15-11:20 Introduction of Inspirational Speaker  
Orlando M. Sales, PEE

11:20-11:30 IIEE Nat'l Presidents Message by  
Engr. Rodrigo T. Pecolera  
2020 National President

11:30-11:35 Virtual presentation of Certificate of Appreciation  
Arnel O. Aguas, PEE

11:35-12:30 Continuation of Technical Seminar

12:30-12:40 Question & Answers

12:40-12:45 Virtual presentation of Plaque to Resource  
Technical Speaker  
Ronnie C. Prayco, PEE

13:50-13:55 Introduction of the Technical Resource Speaker  
Edwin G. Cayabyab, PEE

13:55-15:55 Technical Seminar – General Overview to Railway  
Signalling System  
Engr. Ender Divriklioglu  
Senoir Signalling Engineer  
RMTC/EGIS Riyadh, KSA

15:55-16:00 Introduction of PRC BEE Member  
Roel B. Aninon, PEE

16:00-16:10 PRC BEE Member Message by  
Hon. Jaime V. Mendoza  
PRC BEE Member

16:10-16:15 Virtual presentation of Certificate of  
Appreciation  
Nelson J. Tenorio, PEE

16:15-17:15 Continuation of Technical Seminar

17:15-17:30 Question & Answers

17:30-17:35 Virtual presentation of Plaque to Resource  
Technical Speaker  
Lechicoe C. Bolanio, PEE

17:35-17:40 Picture Taking (Group Photo)

17:40-17:50 Closing Remarks/Adjournment  
Julius Caesar D. Mondia, PEE

17:50-18:20 Plenary Session

### IN-CHARGE COMMITTEES

**Emcee** : Benjamin F. Cabaya, REE (Morning)  
: Roldan V. Garcia, REE (Afternoon)

**Moderator** : Ezekiel V. Mendiola, REE  
: Ronnie Prayco, PEE

**Timekeeper** : Antero G. Gamayao, REE

**Registration of Participants**  
: Ezekiel V. Mendiola, REE  
: Romancito SP. Gamboa, REE  
: Fredelino M. Fortaleza Jr., PEE  
: Edwin G. Cayabyab, PEE

**Photographer**  
: Roel B. Aniñon, PEE  
: Ezekiel V. Mendiola, REE  
: Mel Greg P. Ajero, PEE

### AFTERNOON SESSION:

12:45-13:10 Online Lunch Break

13:10-13:15 Introduction of PPO Chairman  
Roldan V. Garcia, REE

13:15-13:25 2020 PPO Chairman Message by  
Engr. Francis Marquez  
2020 PPO-Central Region Chairman

13:25-13:30 Virtual presentation of Certificate of Appreciation  
Victor B. Imperial, PEE

13:30-13:35 Introduction of PRBEE Chairman  
Anthony Irvin Guiao, PEE

13:35-13:45 PRC BEE Chairman Message by  
Hon. Francis V. Mapile  
PRC BEE Chairman

13:45-13:50 Virtual presentation of Certificate of Appreciation  
Orlando T. Villapaña Jr., PEE

## Speaker's Profile

### 22nd Anniversary and Mid year Convention



#### **EXEQUIEL B. BONAGUA, REE, RME**

Technical Support Engineer  
Saudi Electrical Contracting Company (SELCOP)  
Riyadh, Kingdom of Saudi Arabia

#### **TOPIC: "CAPACITOR APPLICATION FOR HIGHER VOLTAGE"**

Our technical speaker hails from Tabaco City, Philippines, the place close to the famous and renowned perfect cone volcano in the world – the Mayon Volcano. He is the son of a school teacher and an electrician of National Power Corporation in Tiwi Albay.

1. Took and completed his BSEE degree at Bicol University Legazpi City in 1995
2. He gained extensive experience in Oil and Gas and Industrial construction and maintenance having been employed by a private construction contractor in Saudi Arabia from 1998 to 2001. He was a Project Engineer with assignments in Saudi Aramco, SEC, and SABIC.
3. He became the Site Manager of Siemens projects for Saudi Electricity Company from 2007 to 2009.
4. As a result of excellent and consistent performance, he was promoted as Construction Manager of the 380kV Substation Project in Royal Commission from 2010 to 2011.
5. He also worked as Field Engineer for the installation, testing and commissioning of MV power systems equipment supplied to Saudi Electricity Company from 2012 to 2018.

He is currently working as a freelance Technical Support Engineer for Eaton's core business in the Middle East Region. He is the main liaison and technical support expert for Eaton's clients in several companies like Saudi Aramco, SABIC, Royal Commission and Saudi Electricity Company from 2012 to the present.

His field of expertise is power system engineering with major specialization in bulk capacitor banks and sub-specialization in capacitor banks (power electronics), MV automatic voltage regulators, MV auto-recloser and sectionalizer, harmonic site measurement and MV/HV/EHV substation construction.

He is a very active member of IIEE-CRCSA family and a proud product of the 2019 Special Professional Licensure Examination having garnered both REE and RME licenses at the same time.

Our technical speaker is a very dynamic, energetic, consistent and friendly professional who is none other than Engr. Exequiel B. Bonagua, REE, RME.





## *Speaker's Profile*

*22nd Anniversary and Mid year Convention*

### **ENGR. ENDER DIVRIKLIOGLU**

Railway Senior Signaling Engineer  
Riyadh Metro Transit Consultants (RMTc)/EGIS  
Kingdom of Saudi Arabia



### **TOPIC: "RAILWAY SIGNALING SYSTEM"**

Engr. Ender Divriklioglu is a product of Osmangazi University, Eskisehir, Turkey Istanbul where he took his Bachelor of Science in Electronics and Communication degree in year 1998.

He started working as a Radio Engineer in AS radio in 1997. He later became IT Engineer in research, Planning and Coordination Department, Istanbul Metropolitan Municipality in 1997-1998. He also worked as Project and Communication Engineer in Metro Istanbul in 1998 – 2014. In 2014, he started working overseas as a Signaling Engineer in SIEMENS AU until 2017. He then transferred to Riyadh Metro Transit Consultant (RMTc)/EGIS Kingdom of Saudi Arabia where he works as a Senior Signaling Engineer from 2017 up to present.

His field of specialization is Electronics and Communication.

He is always willing to share his gained knowledge to others whatever nationality it may be.



"Energizing IIEE for Membership Empowerment: Leading the way for Glocal Connectivity"

# ROSTER OF MEMBERS

## SENIOR MEMBER

	LAST NAME	FIRST NAME	MIDDLE NAME
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2	AMPANG	SAHAK	IBRAHIM
3	BAUTISTA	EDUARDO	EUGENIO
4	BAUTISTA JR.	JOSE JAIME	MONTEALTO
5	BUYSON	JOSELITO	MACASPAC
6	CAOILE	FELIX	ZAMORA
7	DATUIN	RENATO	AUSTRIA
8	DE GUZMAN	RAMON	ALCORIZA JR.
9	DY	JOHNSON	PATACSIL
10	GAPASIN	WILFREDO	MARTINEZ
11	GUANTERO	EUTQUIO	MATUTES JR.
12	IMPERIAL	VICTOR	BERINGUELA
13	INGLES	SILVERIO	AUGUIS JR.
14	JAVIER	LUIS	ARGUIL

	LAST NAME	FIRST NAME	MIDDLE NAME
15	JUNSAY	ALAN	DOCTOLERO
16	LAYA	JESSIE	GUERRERO
17	MARTINEZ	NELSON	GELI
18	MORILLO	ARNEL	ABANES
19	NICOLAS	ROLANDO	MENDOZA
20	PLAZA	CELSO	TAGUD
21	SAQUIDO	ARTURO	SAMONTE
22	SIGAYA	FRANCISCO	CONSEMINO JR.
23	SIRIBAN	FREDERICK	CONAG
24	SOLAS	MELITON	SOBREDILLA
25	TORRES	PEDRO	SABAY
26	VALENTINO	SIMEON	DE LA CRUZ JR.
27	VENTURINA	ENRICO	MATIGNAS
28	VILLAPANA	ORLANDO	TAGAYO JR.

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	LAST NAME	FIRST NAME	MIDDLE NAME
1	ABBAS	RUSTOM	NARREDO
2	ABDULLA	ABDULWAHAB	KOTONG
3	ACOSTA	MARK GIL	MIRAS
4	ACUNA	LAURO	BALUYOT
5	ADIA	RODRIGO	AUSTRIA
6	ALAS	MARIO	CABUG-OS
7	ALCANTARA	HERNANI	PABLO
8	ALIBOSO	ARNEL	VILLALOBOS
9	AMARANTO	ELIGIO	NUÑEZ JR.
10	ANDARZA	ALVIN	LOPERA
11	ANDES	RENATO	BEDIONES
12	ANDRÉS	BENEDICTO	VILLAROSA
13	ANGULO	JORDAN	CASTILLO
14	ANTIVOLA	TIMOTEO	DEALCO JR.
15	APIO	RIZALDY	JADULCO
16	AQUINO	ALFREDO	DE GUZMAN
17	ARANETA	RONALD ALLAN	CABILES
18	ARELLANO	ROBERT	HERNANDEZ
19	ASTRONOMIA	EDWIN	ABOLENCIA
20	BARRACAS	FLORENCIANO	AGOTANA JR.
21	BASILIO	GARYFRED	CAMACHO
22	BAUTISTA	MILAN	JUNIO
23	BIACO	MEDARDO	DE TOMAS
24	BOLANIO	LECHICOE	CAO
25	BORROMEIO	ANTHONY	FRIGILLANO
26	BURGONIO	FLORANTE	BILLONES

	LAST NAME	FIRST NAME	MIDDLE NAME
27	CABANGON	AREIZ	HILAJAN
28	CABASA	DANIEL	GALANO
29	CABILLOS	GILBERTO	DALINA
30	CADUNGOG	DIOVEN	ACABAL
31	CAGAT	JONALD	ALEGADO
32	CAIBIGAN	MICHAEL	OLYMPIA
33	CAIDIC	RONALD	LADIA
34	CALARANAN	JOJO	MATA
35	CALUB	RODERICK	BARTOLOME
36	CAMELLO	ALLAN	MIRAFLORES
37	CAPINO	REYNANTE	ARENA
38	CAPISTANI	MIGUELITO	QUIAMBAO
39	CARRERA	TEOFILO	SIKAT JR.
40	CASTILLO	GEOFFREY	DAYWAN
41	CAYANG	CRISPIN	BARTE
42	CEÑIDOZA	TITO	DISCUTIDO
43	CONDECIDO	FEDERICO	HALILI
44	CRISOSTOMO	ALDRINE	ESTOQUE
45	CROBES	DALTON	LEDESMA
46	CRUZ	ALVIN	QUINAJON
47	DAWAWA	MICHAEL	MAYOCDAN
48	DELA ROSA	ARMANDO	FELIPE
49	DELIVA	ROLANDO	ENCILLO
50	DELLERA	GLEN	CARTAGENA
51	DOMONDON	FLORANTE	EDUARTE
52	ENERIO	ELMER	BALINADO





	LAST NAME	FIRST NAME	MIDDLE NAME		LAST NAME	FIRST NAME	MIDDLE NAME
53	ERANDIO	FRANCISCO	DEREZ JR.	109	PEREZ	DANIEL	ALEJON
54	ESTAYO	CHRISTOPHER	TIBULE	110	PIEDAD	JAYSON	DELOS ANGELES
55	FAJARDO	EDILMIL	MARI	111	PLAZA	EXUPERIO	TAGUD JR.
56	FERIA	FERDINAND	VARON	112	PRAYCO	RONNIE	CABER
57	FERMIN	JUAN	DIZON JR.	113	QUIACHON	SEVERINO	GOPING
58	FONTE	ALEJANDRE	MACARAIG	114	QUIJANO	RUEL	ROSERO
59	GALERIO	HENRY	VIERNES	115	RAGANAS	ROWELL	QUISIDO
60	GARCIA	ARNOLD	R	116	RARUGAL	ERROL	ROSARIO
61	GAYMEN	GERALD	CABAY	117	ROBOSA	CARLOS	FAJARDO
62	GO	EDUARDO	CASTRO	118	RONQUILLO	ALLAN	DE GUZMAN
63	GONZALES	JOHN	ARGUELLES	119	ROZUL	PEDRO	PEJI
64	GUIAO	LORENZO	SANDOVAL	120	SALAMAT	FLORENTINO	EGUIA
65	GUIAO	ANTHONY	STA. ELENA	121	SAN DIEGO	JESUS	AQUINO
66	GUINTO	ANTONIO	DIMITUI	122	SANDOVAL	SHERWYNNE	AYSON
67	HABULAN	DONIL	LAZARTE	123	SANSANO	ALFREDO	FLORES
68	HERMANO	JESSIE	ORQUE	124	SANTIAGO	EDUARDO	ORTALIZ
69	HORMIGUERA	MAXIMO	ESTOPITO	125	SARION	GLEN	LOCRE
70	HORVIDALLA	LORENE	SIASON	126	SAWIT	RAMON	MONTECLARO
71	HUMANGIT	GILBERT	GANIPAN	127	SEVERINO	FERDINAND	GAMBOA
72	IBEA	EDUARD	GUZMAN	128	SEVERO	ARIEL	PENIONES
73	ICAONAPO	RHEY	DACUNO	129	SIAPNO	RAYMUNDO	MADAYAG JR.
74	JAMOSIN	THOMASITO	B	130	SINCHIOCO	ARNOLD	SAN PEDRO
75	JAUCIAN	JUAN CESAR	SABATER JR.	131	SOLIS	JONATHAN	APO
76	KAKILALA	DELFIN	ABITRIA	132	SORIANO	RAFAEL	TINIO
77	KONG	REYNALDO	CASQUETE	133	SUÑAZ	GILBERT	PEREZ
78	LACTAOTAO	VENGIE	HALILI	134	SUABERON	EGLESERIO	RAMIREZ JR.
79	LARANANG	ALLAN	BASCO	135	SUGUITAN	ROGELIO	DELA CRUZ
80	LIBED	GEORGE	ESTILLORE	136	SUMAMPONG	ASHLE	AMPARADO
81	LICUDINE	FRANCISCO	LAYCO JR.	137	SUPNET	ROBERT	JUSTO
82	LIM	RODOLFO	SUMAGAYSAY	138	TAN	PHILLIPS	GALINDO
83	LISING	DANILO	CAYABYAB	139	TARUN	NARCISO	CUREG
84	LOYOLA	LORDIN	ORDINARIO	140	TAYONE	GENARO	YUSON
85	LUIS	GUILLERMO	ABAD	141	TENORIO	NELSON	JETOMO
86	LUNA	SALMAR REY	BERNALDEZ	142	TINDOC	RICKY	RESPONDO
87	MACULANGAN	CESAR	INOFINADA	143	TOGLE	AMADO	PERE
88	MADRID	ENRICO	AMARILLE	144	TRILLO	JAJILO	JARDELEZA
89	MAHIDLAON	LEONARDO	LUMAAD JR.	145	TUBALADO	IKE	GADOR
90	MAMARADLO	AURELIO	BONOAN	146	TURLA	JOEL	YUZON
91	MANLUCO	GLICERIO	ADORDIONISIO	147	UDANG	MEDARDO	JABINIAO
92	MARIMON	MARIO	COLLIANO	148	VACARO	ALFREDO	UNARCE JR.
93	MAYORDOMO	NEIL	RODIL	149	VELASQUEZ	LUIS	ABAD
94	MENDIOLA	REGIVIC	BONDOC	150	VENTIC	WILSON	ROMANILLOS
95	MOSUELA	MICHAEL	VELASCO	151	VIRAY, JR.	JOSE	FAJARDO
96	MUTIA	AL	GUTIERREZ	152	VISAYA	PARIS	AGUSTIN
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98	NALIPONGUIT	ALLAN	DUARTE				
99	NIADAS	CRESENCIANO	NAVALES				
100	OCOMIN	ALLAN	STA.ANA				
101	OLILA	ARTURO	CRUZ				
102	PACUNAYEN	DESIDERIO	TOLENTINO JR.				
103	PADAYHAG	JERRY	REDILLAS				
104	PADEN	INOCENTES	DAGALA				
105	PADILLO	ABNER	AZARCON				
106	PANOPIO	MICHAEL	LABATOS				
107	PARCON	ROBERTO	CAMION				
108	PARUNGAO	ALEX	ISIDRO				

## REGULAR MEMBER

	LAST NAME	FIRST NAME	MIDDLE NAME		LAST NAME	FIRST NAME	MIDDLE NAME
1	ABAD	BERNABE	DOMINGO	57	GIRASOL	KHRISTIAN	OGAOB
2	ABUAN	TRISTAN	ZAPATERO	58	GOLFO	GELAND	VILLANUEVA
3	ABULENCIA	JONAS	ROSARIO	59	GONZAGA	JOEL	BARICANA
4	AJERO	MEL GREG	POLLENTE	60	GONZALES	OMAR	SALCEDO
5	ALAGOS	JONIE	JALLORINA	61	GONZALES	JOEL	ESGUERRA
6	AMOYLIN	JOSE LUIS	BELOY	62	GONZALES	RENATO	BORALO
7	ANDES JR.	SALVADOR	PALACIOS	63	HOMEZ, JR.	DOMINADOR	MOLINES
8	ANINON	ROEL	BALAKID	64	ISRA	MOHAMMAD	DIMAPORO
9	ARQUERO	RUEL	BALLOCANAG	65	JAVAR	EDMUND RAY	LOPEZ
10	BAÑEZ III	MANUEL LUIS	LAGUYO	66	JUAN	MARCIAL	AGCAOILI
11	BAGA	PERCIVAL	BRIONES	67	LACSON	JETHS	DE JESUS
12	BAGUIO	ROMER	RAMOSA	68	LAGAÑA	JOHN CARL	BUENAFE
13	BALUYOT	APOLLO	DELA CRUZ	69	LAGMAY	IAN LEIF	ICUSPIT
14	BARBA	ROMELO	LOPE	70	LAMANILAO	REYNALDO	ORTIZ
15	BASCON	ALAN	SOLERA	71	LAMANILAO JR.	FELIX	CUESTAS
16	BASCOS	SAMUEL	MARANA	72	LAMAYO	MARRIEL	LAMPA
17	BATUGAL, JR.	CARLOS	GARRO	73	LAT	BENEDIC	BELEN
18	BIGCAS	CYRUS	YNSON	74	LAUDE	NOEL	BANDONIL
19	BONAGUA	EZEQUIEL	BELCHEZ	75	LAURELES	LEO	ENCINA
20	BRIZO	RONNEL	LANUZA	76	LAURENTE	EMMANUEL	PEREZ
21	CABAYA	BENJAMIN	FERNANDEZ	77	LAVIN	KEVIN KEITH	BACLIG
22	CALIMUTAN	JERICK	GUMBA	78	LEONES	RONN BRYAN	ARROZA
23	CANETE	INOCENCIO	OLAES	79	MAGLASANG	ERNESTO	LEONES
24	CAPISTRANO	JONATHAN	CALLADA	80	MAGPANTAY	MARK	DE CASTRO
25	CERALDE	MARVIN	SANTOS	81	MAGSOMBOL	MARK RYAN	DIAZ
26	CLAVANO	RAMON	EVASCO	82	MALAGUEÑO	VINCENT	NAYOS
27	CONCEPCION	JOVEN	BECINA	83	MALUDDUY	FREDERIC	PASCUA
28	CORTEZ	RAYMUND	ORTIZ	84	MANILA	JUNIEL	CADIZ
29	CULLA	CELWYN	ABAG	85	MARINO III	GENEROSO	TANTEO
30	CUNIGNIG	RALPH	ANDAYA	86	MATEO, JR.	CESARIO	RENOSA
31	CUPIN	ARMANDO	LOYOLA	87	MECIJA	JOHN ROBERT	ESTRELLADO
32	DAGUIO	ANGELO	VALLEDOR	88	MENDIOLA	EZEKIEL	VALENCIA
33	DAMIAN	SHERWIN PAUL	SANTOS	89	MENDOZA	LEONARDO	CONTRERAS
34	DAVID JR.	GREGORIO	CASTRO	90	MOISES	ROMMEL	PITAPIT
35	DEL MORAL	KEITH	ANDRES	91	MOLEÑO	NIEL	GICANA
36	DELA FUENTE	ERNIE	QUILLO	92	MONDIA	JULIUS CAESAR	DALISAY
37	DELOS REYES	JOSELITO	PUNZALAN	93	MONTANA	MARLON	DE LEÓN
38	DEPAUDHON	JEFFREY	ANOVER	94	MONTES	REUBEN	BATISTIL
39	DESALES	DENNIS	BOLIVAR	95	MURILLO	JIM PAOLO	REGENCIA
40	DOMINGO	DENISH	CASTILLO	96	NAGYUPAN	ARIEL	DULNUAN
41	DRAPEZA	JOEY	BARONGAN	97	OLIVA	ANTONIO	CARDONA
42	DUCOL	ABRAR	SARIP	98	PAGALARAN	NIÑO	MENDEZ
43	EGOS, JR.	PATRICIO	ESPIRITU	99	PALAFX	SAYKIE	BUTRON
44	ESGUERRA	HENRY	AGBING	100	PARCON	FRANKLIN	SUMUGAT
45	ESPINA	DIOSDADO	GALAPIN	101	PARONE	RENEE ARNEL	KAHANO
46	ESPINUEVA	ERIC	DUMAGUIN	102	PASCUAL	ALDINE	G.
47	ESPLAGO	LUCAS	ABAQUITA	103	PERALTA	JONAS	LIWANAG
48	FLORES	RONALD	GARCIA	104	PEREZ PRINCE	JAYVENE	DUHAYLUNGSOD
49	FORTALEZA, JR.	FREDELINO	MEDROCILLO	105	PRIETO	EMMANUEL	PRADO
50	GADUENA	ALLAN	BERDIJO	106	PUJEDA	BELMOR	GALINADA
51	GALANG	MARK IRWIN	LAXAMANA	107	QUINTOS	RICO	AGCAOILI
52	GALLEGOS II	JUN	ARNIGO	108	RAMIREZ	GERONIMO	CASTRO
53	GAMAYAO	ANTERO	GERAPUSCO	109	RAMOS	JEREMIAS	CEJUDO
54	GAMBOA	ROMANCITO	SAN PEDRO	110	RAMOS	FRANCISCO	BANZON
55	GARCES	TITO	CAGADAS	111	REBELLION	MARK RONALD	DY
56	GARCIA	ROLDAN	VALDEZ	112	REMOGAT JR	JAIME	PRADO





	LAST NAME	FIRST NAME	MIDDLE NAME
113	RIMANDO	RONNIE	GOMEZ
114	ROBILLOS	JOSELITO	ROMERO
115	ROMULO	RONALD	SALVAN
116	RONQUILLO	GAUDENCIO	GUEVARRA
117	RUBIANO	JOEL	BUGAY
118	RUBIO	RUEL	GUILO
119	SABADO	FELJUN	BOSE
120	SABIRIN	ELVIN	JUMARIN
121	SALES	ORLANDO	MAGPARANGALAN
122	SALVACION	RONNEL	ORAN
123	SANGLAY	CHRISTOPHER	PARMEROLA
124	SARGENTO	FRANCIS NEIL	ANDRES
125	SAYLON	BASILIO	FERIA
126	SEBONGA	RONERIC	BONGALING
127	SIMAN	MICHAEL	MURING
128	SINANG	RANDY	ESCALANTE
129	SOHILLO JR.	DIOSDADO	VILLAMOR

	LAST NAME	FIRST NAME	MIDDLE NAME
130	SONTILLANOSA	RAUL	TOLEDO
131	SORIANO	EDWIN	SAGAY
132	SORIZO	JHEREMY	LOZANO
133	SUAN	ARIEL	BENDAÑO
134	TAMAYAO	REYMAR	CAMPO
135	TAYTAY	ELEHANDRO	BIRON
136	TEMLONUEVO	LOUIE	DOLLISON
137	TOLERO	JEFFREY	PALIMA
138	TURCO	ISRAELI KRIS	ABELLO
139	UBANDO	JAYPEARSON	ESCAL
140	UNTALAN	GERRYCO	MAGALANG
141	VALDEZ	JONNEL	OMPOD
142	VELASCO	DANILO	SALADA
143	VERAS	REYNALDO	SATUITO
144	VILLARUZ	SHERWIN	DE BELEN
145	VINARAO	REYNOLD	DELOS SANTOS
146	VINLUAN	ADRIAN	DELA CRUZ

## ASSOCIATE MEMBER

	LAST NAME	FIRST NAME	MIDDLE NAME
1	ABDULLATIP	HASSIM	ANGNIE
2	ABELLANA	ROGELIO	JUMAO-AS
3	ADRIANO	RYAN JAY	RIVERA
4	ALCE	JOSE	JACOLBE
5	AYSON	JIMMY	ARA
6	BACAS	ARNEL	PAGLINAWAN
7	BAES	DENNIS	VALDEZ
8	BAGUINANG	JONAS	MACION
9	BARDA	EDILBERTO	ROJAS
10	BIÑAN	RICO	ALFARO
11	BORDARIO	JOSEPH	COMENDADOR
12	BUENAVENTURA	RUPERTO	MALIMATA
13	BUITIZON	BRYAN	RAMOS
14	CABAÑERO	ROBERTO	RELATORES
15	CABALLERO	GERARD	PANIT
16	CALIBOD	DARWIN	LELIS
17	DATINGGALING	ANGELO	JUSI
18	DE LEON	JOEL	
19	DE RAMON	ABE	BORNILLA
20	DERLA	WILLIAM	BALBIN
21	DOCOG	ALLAN	DIONEDA
22	ELEIDO	LESLIE REY	PILANGA
23	FELIA	ORLAN	FAJANILAN
24	GALARIO	DANILO	VILLEGAS
25	GARCIA	DEOGRACIAS	PACLA
26	GARCIA	MARK	ABINION
27	GARRIDO	ROY	ARGANZA
28	GAYATAO	ARCHIE	PIANSAY
29	GONZALES	JONATHAN	ROBLE
30	GONZALES	JAY-R	BAUTISTA
31	GRESOLA	GHERSON	JUEGO
32	HERNANDEZ	HEINRICH	QUIOCSON
33	HULIPAS	MICHAEL	GALLARDE

	LAST NAME	FIRST NAME	MIDDLE NAME
34	IRATO	JOEL	LERIO
35	ISIDORO	JERWIN	IGNACIO
36	ISLA	ANACLETO	MONTANO
37	JAVIER	BERNARD	SAYSON
38	JORDAN	RANILO	ASION
39	KARGANILLA	KARL NICHOLE	PAGBA
40	LACDAO	EMMANUEL	LARRAQUEL
41	LAPUZ	RONALD	RAMOS
42	LARON	DANILO	MILO
43	LAYGO	JUPETER	SUPENA
44	LAZARTE	ERWIN	MAHINAY
45	LLANDER	MARK	LIBRADILLA
46	LONGAO	REGIE	AWINGAN
47	LOPIO	FERNANDO	RUEZOL
48	LUMBRE	ARMANDO	ALBAO
49	MAGBANUA	RON JAY	SAN PEDRO
50	MAGTURO	EDWARD EDCEL	RAMIRO
51	MALONZO	ELMER	MACALINO
52	MANTUA	NIXON	
53	MANUEL	VICTORS	ERRANO
54	MANUEL	MAURICIO	CLEMENTE
55	MATEO	JASON	LOPEZ
56	MONIENO	NOEL	PAJARES
57	MORENO	RODOLFO	PONTINO
58	MOSA	JOSELITO	F.
59	NABO	BASIL	LIBOT
60	OBEN	NOLI	PATRICIO
61	OCAP	REYCO	CAPELLAN
62	OCARES	ROLDAN	DALMAN
63	ODVINA	BOBBY	DEINLA
64	PACIO	LAURENCE	ESPINAS
65	PAGOD	VINCENT	LIGUID
66	PALCES	JOSHUA	BITARA



## ASSOCIATE MEMBER

	LAST NAME	FIRST NAME	MIDDLE NAME
1	PANIS	JOEY	ALVIZ
2	PASOS	JONATHAN	MAGALINAN
3	PESTAÑO JR.	LEO	MORENO
4	PURUJI	KHIMAR	JALIM
5	QUIDOR	WILBERT	ROMERO
6	QUINDARA	KENNETH DEAN	CALITRO
7	QUITOS	BRIAN	ALADINO
8	RAMILLANO	GELMAR	DELA CERNA
9	RIDON	MELVIN	BANIAGA
10	RIVERA	ALBERT	SECILLANO
11	RIVERA	JOVEN	MALINGIN
12	SALVADOR	ELISEO	BESA
13	SARAD	FIEL JOSEPH	SANGGAT
14	SASUMAN	MANOLITO	BALANE
15	SAYSON	MELVIN	DECENA
16	SIERRA	CHRISTOPHER	CALMA

	LAST NAME	FIRST NAME	MIDDLE NAME
17	SORIANO	BENEDICK	CASTILLO
18	STA. ANA	ARNEL	GALLON
19	TANGA-AN	ADDAN LUV	MADRIAGA
20	TANGALIN	DENNIS	GARCIA
21	TARCENA	RICHARD	CASTAÑAS
22	TEOXON	STEPHEN	LOPEZ
23	TIEMPO	ANTONIO	DARAGOSA
24	TOLENTINO	RAMCEL	BOTALON
25	TOMAROCON	ROGELIO	MAGDOBOY
26	VALEZA	ROGELIO	MANJARES
27	VEA	ROLANDO	CALANTES
28	VENTE	RICHARD	OLARTE
29	VILLAFLORES	JONNIE	QUIÑONES
30	VILLAGOMEZ	RUVILL	MANAOG
31	VILLAMONTE	JONATHAN	NACARIO

## AUXILIARY MEMBER

	LAST NAME	FIRST NAME	MIDDLE NAME
1	ACERO	RAUL	CABASAGAN
2	ANCUNA	CHERUVIM	LUMOMBANG
3	ASUNCION	DANNY	NOPAL
4	AVILA	GLENN	BALORAN
5	BALDOVINO	JONJON	JALBUENA
6	BEFITEL	JOEL	GUARIN
7	BITAMOR	ANDREW	BORNALES
8	BRIZUELA	RICHARD	SALAGUBANG
9	CABO	BABY	MANKIKIS
10	CIUDAD	CASILOU	LORIA
11	COLIANO	EDGARRE	GALADO
12	CORRE SR.	SAMUEL	ERRO
13	DELA CRUZ	ALAN	AGBANAWAG
14	DIMALALUAN	LUZALDE	EBDANI
15	ELEGORES	JEFFREY	RABANES
16	ESTIRA	ROBERTO	NAGAL
17	FERNANDEZ	REYNALDO	
18	LANCIN	JOENIL BOBBY	REUIL
19	LIMIN	ABELANO	SIMBUL
20	MUNDO	DENNIS	NACHOR
21	OÁ'EZA	ALLAN LEO	RAMOS
22	OMLANG	ALBERTO	ACANG
23	PADILLA	ARNOLD	MENDOZA
24	PASCUA	ANTONIO	GURTIZA
25	RABANZO	JOEL	ALTAR
26	REGINIO	LINO	RAZA
27	REYES	RONWALD	CARREON
28	RILLERA	ALVIN	TARUBAL
29	SALVADOR	MICHAEL	GALINATO
30	SANTIAGO	HARVEY JOY	MARIANO
31	YAHIIYA	JAIRI	DAHI





# HOW iiee-crcsa STARTED?

## PRESIDENT'S REPORT, YEAR 1998-1999

*The last quarter of 1998 was devoted mainly to the formation of the chapter. On August 28, 1998, the first meeting of a group of Filipino Migrant Electrical Practitioners was convened and it was held at Al Mutlaq Hotel in Riyadh City, Kingdom of Saudi Arabia.*

*It was attended by a core group composed of thirty-three (33) active and inactive IIEE members who were working in the Central Region of the Kingdom of Saudi Arabia.*

*The meeting was very successful, which had achieved the following very important decisions:*

- 1. A Founding Council was formed.*
- 2. Interim Officers of the Founding Council were elected.*

*The elected Interim Officers were tasked to prepare and work out the complete documentations for the proposed IIEE-CRCSA, as a requirement for accreditation and to be submitted to IIEE-National Board of Governors for approval. It took three (3) months of hard work by the Interim Officers of the Founding Council to complete the documentations.*

*On November 22, 1998, IIEE-National Board of Governors finally approved IIEE-CRCSA accreditation with Charter No. 69, during their 11th Regular Board Meeting at Westin Plaza Hotel in Manila.*

*On February 19, 1999, the First General Membership Meeting, Technical Seminar and Induction of the first set of IIEE-CRCSA elected officers for the year 1999 was held at Hyatt Regency Hotel in Riyadh City, Kingdom of Saudi Arabia.*



1999 TECHNICAL SEMINAR CERTIFICATE



**The first set of IIEE-CRCSA Officers for the year 1999:**

**President:** Engr. Eutiquio M. Guantero, Jr.  
**VP Internal Affairs:** Engr. Francisco L. Licudine Jr.  
**VP External Affairs:** Engr. Conrado C. Binondo  
**VP Technical Affairs:** Engr. Egleserio R. Suaberon Jr.  
**Treasurer:** Engr. Edwin B. dela Luna  
**Secretary:** Engr. Paris A. Visaya  
**Auditor:** Engr. Joselito M. Buyson  
**PRO:** Engr. Narciso C. Tarun  
**Asst. Treasurer:** Engr. Rogelio F. Luna  
**Asst. Secretary:** Engr. Mario S. Agbayani  
**Asst. Auditor:** Engr. Glicerio A. Manluco



**1999 BOARD OF DIRECTORS**

**Philippine Embassy First Secretary and Consul at the Assistance to National Office, Hon. Consul Jesus S. Domingo, inducted the first set of IIEE-CRCSA officers for 1999.**

**On May 23, 1999, IIEE-CRCSA Officers and the Philippine Ambassador to Saudi Arabia, His Excellency Honorable Rafael E. Seguis and Honorable Consul Jesus S. Domingo held a courtesy call meeting at the Philippine Embassy. The embassy of the Republic of the Philippines in Riyadh, Saudi Arabia recognized the Institute Electrical Engineers of the Philippines, Inc. – Central Region Chapter Saudi Arabia – IIEE-CRCSA.**

**On June 18, 1999, IIEE-CRCSA conducted the 1st Midyear General Membership Meeting and Technical Seminar at Al Minhal Holiday Inn Hotel in Riyadh City, Kingdom of Saudi Arabia. Also in the same day of the affair, the First IIEE-CRCSA Newsletter “The Current Events” was launched.**











*"Energizing IIEE for Membership Empowerment: Leading the way for Glocal Connectivity"*

# 2019 CHAPTER EXCELLENCE AWARDEE

# SILVER



Engr. Sahak I. Alsharrah, Engr. Rolando M. Nicolas, Engr. Nelson J. Tenorio, Engr. Artemio H. Dy, Engr. Enrique M. Guantero Jr., Engr. Nelson G. Martinez, Engr. Manabita Dabalan







## **PRESIDENT'S REPORT**

*A family bonded as one. We continuously show our being unified in a common goal of sharing and caring to each member of the family. 2019 was ended with a bang with a recognition given by IIEE National and a family gathering with the highest attendees, so far.*

*IIEE-CRCSA also welcomed 2020 with so much activities delicately planned to enhance intellectual, physical and emotional aspects of participants savoured with family touch. A test was given, not only to IIEE-CRCSA family but to humanity as a whole. Situation appeared irrational and irrational to many. But because of care to each other, help were and are continuously collated and made prodigious blessings to those in need. Succeeding pages showcase the gifts IIEE-CRCSA family member received and shared to each other from October 2019 to July 2020.*

*To all fellow electrical practitioners and guests, Mabuhay and Welcome to our 22nd Founding Anniversary and Midyear Convention!*

**ENGR. LUIS A. JAVIER, PEE, ASEAN**  
**2020 IIEE-CRCSA PRESIDENT**





# October 2019

## PPO Monthly Meeting

Philippine Professional Organization (PPO) held its monthly meeting on 3, October 2019 at PICPA Office in Sulaymaniyah Area, Riyadh KSA. The Council of Presidents discussed the topics related to Oath Taking Proposal & Plans, Turn-Over Ceremony of chairmanship and Thanksgiving party proposal.



PICPA Office Building



Engr. Tim Dy and Engr. Orly Sales presiding the meeting.

The meeting was lead by the PPO Chairman himself, Engr, Timoteo "Tim" Dy together with the PPO Former Chairman and immediate adviser Engr. Orlando M. Sales.



President of different Filipino Professional Organizations have attended the meeting in preparation to upcoming major events and year-end transfer of responsibilities to the next PPO Officers.

## Sports Activity

IIEE-CRCSA basketball team held a practice game on October 10, 2019 in preparation to their upcoming game against EICEP-CRCSA-another team from Philippine Professional Organization. Lead by the Chapter Secretary /Sports Committee Chairman/Team Coach Engr. Edwin G. Cayabyab, the team created a team play while enjoying the game.



Photo-op after the practice game with Chapter VP for External Affairs Engr. Luis A. Javier and Sports Committee Chairman/Coach Engr. Edwin G. Cayabyab and chapter Governor Engr. Gilbert D. Cabillos





## **PPO Oath Taking Venue Hunting**

The IIEE-CRCSA Team being the PPO 2019 Ways & Means Committee, was tasked to find the most suitable hotel for the SPLE Oath Taking Ceremony. Chapter President Engr. Nelson J. Tenorio, VP Internal Affairs Engr. Luis A. Javier and Treasurer Engr, Romancito SP. Gamboa visited hotels in Riyadh on October 12, 2019 starting from VOCON(formerly Movenpick) Hotel, Marriott Hotel Group, Ritz Carlton Hotel.



The Team of IIEE-CRCSA was accommodated by the Filipino Guest Relation Coordinator, Mr. Kirk Ryan Santiago during our visit to Ritz Carton Hotel.

## **Sports Activity**

IIEE-CRCSA games against formidable team EICEP-CRCSA was held on October 14, 2019 at Al-Shark Hotel, Riyadh, KSA.



The team listening to Coach Edwin Cayabyab while explaining the plays.

## **10TH BOD Regular Meeting**

IIEE-CRCSA 10th BOD Regular Meeting was held on October 17, 2019 at Batch 5 PEE Aspirant Headquarter located in Sulaymaniyah Area, Riyadh, KSA. The meeting lead by the Chapter President Engr. Nelson J. Tenorio with the main topic focus on the upcoming 21st IIEE-CRCSA Annual Convention along with other agendas.



Board of Director while having the discussion on various topics





From left: 2012 Chapter President Engr. Roland M. Nicolas, Chapter Treasurer Engr. Romancito SP. Gamboa, 2015 Chapter President, Engr. Orlando T. Villapana, Chapter Governor, Engr. Gilbert D. Cabillos, Chapter Auditor Engr. Kim F. Ang, Chapter Secretary Engr. Cyrus Y. Bigcas, Incumbent Chapter President Engr. Nelson J. Tenorio, Chapter Governor Engr. Mer Jhayson Banez, Chapter Governor Engr. Geronimo Cesar Ramirez, Chapter Governor, Engr. Antero G Gamayao, 2018 Chapter President and immediate Adviser Engr. Orly M. Sales, Chapter Secretary Engr. Edwin G. Cayabyab and Chapter VP for External Affairs Luis A. Javier

## **Shariah Law on Marriage and Divorce Seminar in Philippine Embassy**

"When in Rome, do what Romans do" the statement that the Philippine Ambassador Hon. Atty. Adnan V. Alonto opened the discussion on Shari'a or Islamic Law on Marriage and Divorce.

IIEE-CRCSA participated in the said conducted seminar held on October 18, 2019 in Philippine Embassy with Dr. Tamayo Ayo as resource speaker.

Being a lawyer himself handling cases about divorce and family concerns and an author of a book for the same topic, Dr. Ayo discussed the importance of marriage and the requirements and procedure of divorce in Islamic Law in complete detail and with discussion of Philippine law as well.

The discussion which started at 4 pm ended with fruitful and well participates question and answer at around 6pm.



Included in the photos on the left: Hon. Alonto rendering his Inspirational Message. While on the right: IIEE-CRCSA Participants enjoying the Discussion





## **Batch 6/7 PEE Mentoring**

The IIEE-CRCSA PEE Mentoring Committee held its mentoring for "Protection and Coordination Study" with Engr. Ariel B. Suan as guest instructor on October 23, 2019 at Batch 6 Headquarter in Sulaymaniyah Area, Riyadh KSA.



## **Sports Activity**

The IIEE-CRCSA PEE Mentoring Committee held its mentoring for "Protection and Coordination Study" with Engr. Ariel B. Suan as guest instructor on October 23, 2019 at Batch 6 Headquarter in Sulaymaniyah Area, Riyadh KSA.



A jamble between two big men.



Group Photo of IIEE-CRCSA's Team ARC FLASH. Still, Lady Luck is not on our side.

## **Congressman Hon. Bienvenido M. Abante Meeting Filipino Community**

On October 28, 2019, IIEE-CRCSA joined the other Filipino Professional and Non-Professional Organizations in Riyadh, Kingdome of Saudi Arabia in welcoming Hon. Bienvenido M. Abante Jr. Hon. Abante is the minority leader of House of Representatives, congressman of 6th District of Metro Manila and a bishop of Baptist Church. He is also the authority in the proposed office of OFW.

At first, he discussed the status of the proposed office of OFW. It is, accordingly, to undergo public deliberations and is aimed to be approved before end of the year 2019. Later, he asked for the opinion of the participants through Question and Answer which was requested to focus to the proposed bill. It has been widely participated with IIEE-CRCSA Pres. Nelson Tenorio as one who raised several concerns.

Discussion ended at around 9:30 pm with picture taking with Hon. Abante and Hon. Atty. Andan V. Alonto, Philippine Embassy Ambassador, Riyadh, K.S.A.





Included in the photos on the left: Hon. Alonto rendering his Inspirational Message. While on the right: IIEE-CRCSA Participants with PICPA Officers enjoying the Discussion.



Left: Hon. Abante Discussing the Proposed Bill for Office of OFW's while on the right is Pres. Nelson J. Tenorio raising some concerns.



Included in the photos(From left): IIEE-CRCSA Chapter VP for External Affairs Engr. Luis A. Javier, Ambassador Adnan V. Alonto, Chapter President Engr, Nelson J. Tenorio, and IIEE-CRCSA member







# November 2019

## 21st IIEE-CRCSA Annual Convention

IIEE-CRCSA 21ST Annual Convention was held on November 1, 2019 at Holiday Inn, Olaya Streett/King Fahad Road, Riyadh, KSA. The convention featured two Technical Seminars namely: MEP Cost Planning and Estimation and LV Power Switchgear and Controlgear – Design Verification According to IEC.

The convention was attended by 176 participants from various areas of Central Region along with the Presidents of IIEE-ERCSEA, IIEE-SRCSEA and IIEE-WRCSEA with representation for President of NWCRSEA.



Ribbon Cutting as signal to start the event. From left: IIEE-ERCSEA Chapter President Engr. Jonathan R. Miguel, IIEE-CRCSEA President Engr. Nelson J. Tenorio and IIEE-SRSEA President Engr. Ramir Ruel P. Lucero



Photo during Entrance of Colors and Parade of the Board of Directors and Guest



Opening Ceremony







Board of Directors and Guests from Other Chapters in Kapit-Bisig Mode while signing the IIEE -Hymn



Attendees while singing IIEE-Hymn



The President's Call to Order & Welcome Address



President Short Speech (From the left: IIEE-SRCSA Chapter Pres. Engr. Ramir Ruel Lucero, IIEE-CRCSA Chapter President Engr. Nelson J. Tenorio and IIEE-ERCSA Chapter President Engr. Jonathan R Miguel)



Medical Mission At Work



Comelec At Work







2015 Chapter President Engr. Orlando T. Villapaña's short seminar for Code of Ethics and Awarding the Plaque of Appreciation

PCEA Chairman Emeritus, Engr Mario A. Balboa on update on Civil Service for OFW



Recognizing the 2019 achievers such as New Members, SPLE Passers, Most Outstanding Committee, Sports Team, ACPE Passers, Students Participation and 2020 New Board of Directors



Philippine Airlines (PAL) Sponsored the Plane Ticket as the 2019 Raffle Draw Grand Prize



PAL Representative

Chapter Members Plenary Session was conducted to lunch break



BOD on Plenary Session



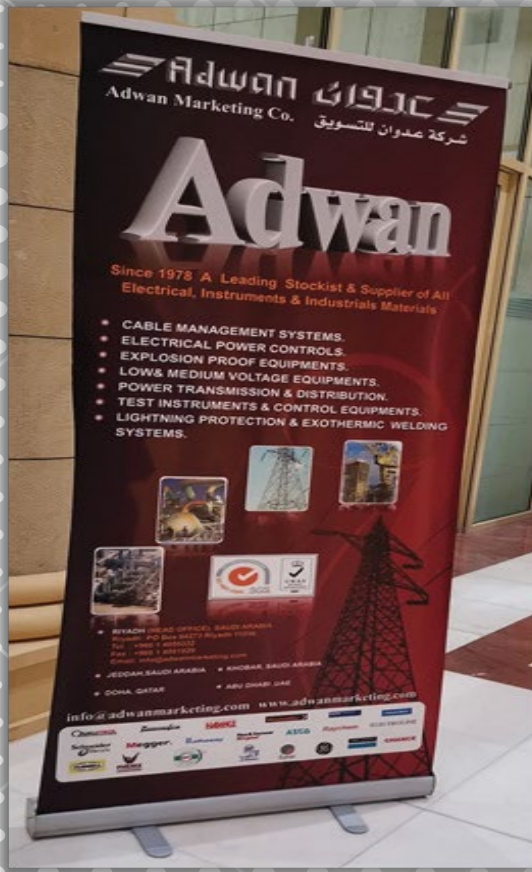
Group Photo of all Chapter BODs and Former Presidents, Members together with VIP Guest such as Philippine Embassy Vice Consul and Third Secretary Hon Paulo Sarita and the Chapter President from Other Saudi Arabian Region IIEE Chapters and 2019 PPO Chairman Engr. Artemio "Tim" Dy.

## **Invitation to Adwan Product Catalogue Launching**

ADWAN Marketing Company invited EE-CRCSA to their Product Catalogue Launching held on November 6, 2019 at Riyadh Marriott Hotel, Riyadh, KSA. The launching featured various installation materials such as fittings, hangers, busways, circuit breakers, lighting and many more.







IIEE-CRCSA Officers joined in two tables



Group Photo while awaiting the program to start



On the left is a group Photo with ADWAN Marketing CEO and General Sales Manager Engr. Rickson N. Manalo together with IIEE-CRCSA Board of Directors.

## **Visit to IIEE-Eastern Region Chapter Saudi Arabia**

IIEE-CRCSA attended the 24th IIEE-ERCSEA Chapter Annual Convention held on November 8, 2019 at Sofitel Hotel, Al-Khobar, KSA.

The event was attended with the leadership of Chapter President Engr. Nelson J. Tenorio, VP for External Affairs Engr. Luis A. Javier, 2016 Chapter President Engr. Nelson Gg. Martinez and 2015 Chapter President Engr Orlando T. Villapaña being the Resource Guest Speaker on behalf of the IIEE Regional Membership and Chapter Development Committee.

Attendees from other chapters include the IIEE-SRCSA Chapter President Engr. Ramir Ruel Lucero.





Photo of the Saudi Arabian Region Chapter Presidents (From left: 2019 IIEE-CRCSA Chapter President Engr. Nelson J. Tenorio, 2019 IIEE-ERCSCA Chapter President Engr Jonathan R. Miguel, 2019 IIEE-SRCSA Chapter President Engr. Ramir Ruel Lucero.



Awarding of Plaque of Appreciation to Saudi Arabian Region Chapter Presidents who attended the event.



Photos of participants from IIEE-CRCSA together with participants from other chapters.

## ***Chapter PEE Mentoring Committee Handing-Over Meeting***

The 2019 PEE Mentoring Committee and 2020 PEE Mentoring Committee held the meeting on November 10, 2019 to officially hand-over the responsibility from current to 2020 Chairman and its committee members.







From left: 2019 PEE Committee member Engr. Fredelino M. Fortaleza Jr., Engr. Geronimo Cesar C. Ramirez, 2020 Chapter President Engr. Luis A Javier, 2019 Chapter President Engr. Nelson J. Tenorio, 2015 Chapter President/2020 PEE Mentoring Committee Chairman Engr. Orland T. Villapana 2019 PEE Mentoring Committee Chairman Engr. Ruel R Quijano and 2019 PEE Mentoring Committee Member Engr. Kim F. Ang.

## **PPO Monthly Meeting**

PPO CRSA held its monthly meeting on November 14, 2019 at PICPA Headquarter, Sulaymaniyah, Riyadh KSA. The meeting was led by 2019 PPO Chairman Engr. Artemio "Tim" Dy and attended by various Filipino Professional Organizations in Riyadh.

The topic of the meeting includes the budget for 2019 Oath Taking Ceremony which was scheduled on December 13, 2019.

IIEE-CRCSA participants includes 2019 Chapter President Engr. Nelson Tenorio who was officer in-charge for the budget and planning, Chapter VP for External Affairs Engr. Luis A. Javier



Group Photo after the meeting



## **Farewell Dinner for Engr. King F. Ang**

IIEE-CRCSA held a Dinner Party on November 19, 2019 at Golden Dragon Restaurant located in Olaya St. Riyadh, KSA to celebrate and to bid farewell to existing 2019 Chapter Board Member Engr. Kim F. Ang who served the chapter for almost 5 years since 2015. He left the chapter with lots of technological innovation which help the chapter on its patch forward in the coming years. One of his main contribution was the re-activation of the chapter website which is currently the main platform of operation of the chapter.



Photo during Awarding the Plaque of Appreciation for his excellent service to chapter.



IIEE-CRCSA Board Members Group Photo after the dinner party.



## **PEE Orientation Meeting**

IIEE-CRCSA held the Batch 8 PEE Mentoring Orientation on November 21, 2019 at Jollibee, Sulaymaniyah Area, Riyadh, KSA as a continuation of its program for 2019.

The Orientation Meeting was attended by thirteen (13) PEE Mentoring Applicants from different fields who intend to submit and pass the PEE Evaluation in 2020.

The meeting was attended by the PEE Committee led by the 2019 Chapter President Engr. Nelson J. Tenorio and was chaired by the Committee Chairman Engr Ruel R, Quijano in attendance by Member Engr. Rolando M. Nicolas, PEE Mentoring Adviser Engr Julius Caesar D. Mondia, 2019 Chapter adviser /PEE Mentor Engr. Orly M. Sales and the 2020 PEE Mentoring Committee led by 2020 Chapter President Elect Engr. Luis A Javier, 2020 PEE Mentoring Chairman Engr. Orlando T. Villapana, Member Engr. Bernabe Abad, Engr. Michel O. Abueva, Engr. Arnel Morillo and 2019 Chapter Treasurer Engr. Romancito SP. Gamboa.



Discussion and Orientation with Aspirants



Group Photo after the PEE Mentoring Orientation



## **11th Regular BOD Meeting**

IIEE-CRCSA held the 11th Regular BOD Meeting at Jollibee, Sulaymaniyah Area, Riyadh, KSA 18, 2019 in Philippine Embassy with Dr. Tamayo Ayo as resource speaker.

The meeting was attended by nine (9) Board of Directors & the Chapter Adviser. Engr. Robert A. Supnet attended as a guest member in anticipation of his upcoming role as 2020 SPLE Committee Chairman to get advance orientation on the flow of work and responsibilities as chairman of one of the most time and effort demanding committee of the Chapter.

The main topic of discussion were the upcoming events such as the 44th National Annual Convention Attendance of the Chapter Representative, the upcoming PPO Oath Taking Ceremony of 2019 SPLE Passers, 2019 Family Fun Day and the ongoing Committee activities an handing-over.



Group Photo during discussion on various topics.

## **2020 SPLE Orientation**

IIEE-CRCSA held its 2020 SPLE first Orientation Program on November 22, 2019 at Hotel Suite location in Sulaymaniyah, Riyadh, KSA. The orientation Program intends to provide necessary information about the Chapter, and the different organizations involved in the SPLE Program and their roles in the process of SPLE from Mentoring, coordination and planning till the conduct of SPLE. Other matters include expected expenses, time allocations, materials, venues and other facilitation & processes required for the conduct of SPLE Mentoring and the examination itself.

The meeting was attended by big crowd of aspiring SPLE applicants from different companies in Central Region.







During Opening, IIEE-CRCSA has already showed the concept of being IIEE-CRCSA member. Kapit-Bisig is not just an act during IIEE Hymn but a trait of being an IIEE-CRCSA member towards his peers, colleagues, friends and family.



An Opening Remark and Encouragement & Word of Wisdom by the 2019 Chapter President Engr. Nelson J. Tenorio

2020 Chapter Governer and SPLE Chairman Engr Robert A. Supnet



2015 Chapter President Engr. Orlando T. Villapana, provided the orientation and discussion about the SPLE background and its history.







2019 Board Member and SPLE Committee Chairman Engr. Ezekiel V. Mendiola conducted the orientation for the requirement for the conduct of SPLE.



2019 SPLE Passers for Registered Electrical Engineering attended the orientation to support to the chapter on SPLE program and to provide encouragement to the SPLE Aspirants to pursue their dreams of become license professionals.





Group Photo at the end of the Orientation Activity

## **2019 PPO Thanksgiving Party**

PPO held its Annual Thanksgiving Party to celebrate the success of the 2019 activities as planned which include the Socio-Civic activities, Sports Activities, Government Related/Associated Activities and SPLE Activities.

The party was held at Diamond Esteraha located in Northern Riyadh Area on November 22, 2019. IT was attended by various Filipino Professional Organizations who have been working hand-in-hand with PPO Officers and fellow organization for the benefit of its members.



IIEE-CRCSA Former Presidents attended the Party along with other Board of Directors in the absence of the 2019 Chapter President and the upcoming 2020 Chapter President-Elect due to their commitments in the Philippines as part of their Chapter responsibility.



## **IIEE 44th Annual National Convention**

IIEE-CRCSA attended and participated the IIEE 44th National Annual Convention held on November 26-30, 2019 at SMX Mall of Asia, Pasay City Metro Manila, Philippines.

The IIEE-CRCSA representatives include the 2019 Chapter President Engr. Nelson J. Tenorio, 2020 Chapter President-elect Engr. Luis A. Javier, 2019 Board Member Kim Khyber Anton Nino F. Ang, 2019 Chapter Governor Engr. Ezekiel V. Mendiola, 2015 Chapter President Engr. Orvill t. Villapana, 2014 Chapter President Engr. Daniel G. Cabasa, Former Chapter BOD Engr. Robert H. Arellano and Engr. Garyfred C. Basilio. Their families also attended with them.

Some of the activities attended include Chapter President's Meeting on November 27, 2019.



IIEE-CRCSA participating in the discussion during the President. Meeting.



Photo with 2019 IIEE President Dr. Cirilo C. Calibjo(Center-left), 2019 IIEE National Secretary Engr. Allan Anthony P. Alvarez, 2019 IIEE VP For Internal Affairs Engr. Eugenio F. Araullo, 2019 IIEE National Treasurer Engr. Florencio D. Berenguel and Engr. Feliciano Padua together with IIEE-CRCSA 2019 Chapter President Engr. Nelson J. Tenorio(center-right), 2020 Chapter President Elect Engr. Luis A Javier, 2015 Chapter President Engr. Orlando T. Villapana, 2009 Chapter President Engr Pedro S Torres together with their families.



IIEE-CRCSA took a moment to enjoy photoshoot.



Photo at the SMX Lobby at the Ground Floor

Photo with Chapter Presidents and their Families Practitioner's Night

IIEE-CRCSA offered and handed-over financial donation to the Earthquake victims thru IIEE-DAVAO Chapter



Meet & Greet between IIEE-CRCSA Chapter and IIEE-Metro Davao Chapter officers on the November 29, 2019.

IIEE-CRCSA participated in the 2020 BOG Election



2015 Chapter President Engr Orlando T. Villapana casting his ballot.







2020 IIEE Board of Governors Oath Taking Ceremony



2020 Chapter Presidents Oath Taking ceremony officiated by 2019 IIEE National President Dr. Cirilo C. Calibjo



Chapter Excellence -Silver Awarding Ceremony to IEE-CRCSA received by the Chapter representatives led by 2019 Chapter President Engr. Nelson J. Tenorio.



Recognition was awarded for Sponsoring the 11th Bowling Tournament



2019 Chapter Excellence Award-Silver







## December 2019

### **Special BOD Meeting**

IIEE-CRCSA held a Special BOD Meeting on December 3, 2019 in Jollibee, Sulaymaniyah Area, Riyadh, KSA. The meeting was attended eight (8) BODs and Immediate Former President. During this time of the year, BODs are in vacation hence, not all were available to attend the meeting.

The topics of the meeting are related to the Website Management and Family Fun Day.



Group Photo (from left: Chapter Auditor Engr. Ruel R. Quijano, Chapter Asst Secretary Engr. Cyrus Y. Bigcas, chapter President Engr. Nelson J. Tenorio, Chapter VP for External Affairs Engr. Luis A. Javier, Chapter Governor Engr. Ezekiel V. Mendiola, Chapter Adviser Engr. Orly M. Sales and Chapter Secretary Engr Edwin G. Cayabyab.





### **ACPE Activity**

IIEE-CRCSA Aspirant for ASEAN CHARTERED Professional Engineer Aspirant 2015 Chapter President Engr. Daniel G. Cabasa competed his evaluation by the Panel from the Board of Electrical Engineer of Philippine Regulation Commission held on December 5, 2019 at PICC, Pasay City Metro Manila, Philippines.

The Panel headed by Hon Francis V. Mapile, Board Member Hon Jaime V. Mendoza and IIEE Former President Shiela M. Cabaraban.



Group Photo: Behind are ACPE Aspirant. Infront are (From left): HONorable Jaime V. Mendoza, Engr. Shiela B. Cabaraban, Hon Francis V. Mapile.

### **SPLE Activity**

SPLE committee held another SPLE Orientation on December 6, 2019 at International Philippine School in Riyadh (IPSR) to accommodate those latest applicants for SPLE Mentoring.

2015 Chapter President once again, served as the Resource Speaker discussing all about SPLE process, parties involved and their roles. At the last part of his orientation, Aspirants have been sworn to follow the chapters policy and requirements.



Engr Orland T. Villapana during his orientation part



SPLE Applicant during their Oath taking ceremony.



## **IIEE-CRCSA 2019 Family Fun Day**

IIEE-CRCSA held the 2019 Family Fun Day on December 6, 2019 at Diamond Esteraha, Northern Riyadh, KSA. This year, the Family Fun Day is combined with SPLE thanks giving due to limited windows of the year and to be able to gather the maximum number of members and families in one event allowing members to meet and greet their fellow members and have fun at the same time.

Thru the effort of the BODs, SPLE Committee, the Family Fun Day became a day to remember filled with many fun activities such singing, parlor games, raffles and even dancing. The activities were participated by members, parents and children.

The foods were potluck style making it filled with lots of variety that everyone enjoyed.



Event Banner and Cake are symbolic to this occasion.



The Program start with IIEE-Hymn in Kapit-Bisig Mode by Members and Families





Fun-filled Games in many different forms.



BODs, Members, families have participated.



Where there is fun and games, there is food to share and enjoy.



Dinner time

The event marks the almost dawning of the 2019 IIEE-CRCSA Board of Directors and a new beginning for the new set of Officer for 2020.



## 2019 PPO SPLE Oath Taking Ceremony

PPO CRSA held its 2019 SPLE Oath Taking Ceremony on December 13, 2019 at the Philippine Embassy Ground.

Led by 2019 PPO Chairman, Engr. Artemio "Tim" Dy took a leap of utilizing the Embassy ground to help alleviate the expenses for holding such ceremony which is normally being paid by the SPLE Passers.

The Oath Taking Ceremony was attended by about 150 Board Passers from the recently concluded Special Professional Licensure Examination held on August 12-14, 2019 at King Faisal Specialist Hospital, Riyadh, KS from different disciplines from Engineering, Architecture, Education, Medical Services and other professions. IIEE led the floor arrangement while other are for decorations, sound systems while others are for food and refreshments.



IIEE-CRCSA SPLE Committee are early and accompanied their SPLE Passers to the ground.



Registered Master Electrician Board Passers have joined the ceremony which is comprise of 54 Passers out of 60 Examinee which turned out to be the highest passing rate out of all areas that took the examination both in the Philippines and abriad.





# January 2020

## 2020 1st General Membership Meeting with Technical Seminars

Institute of Integrated Electrical Engineer of the Philippines, Inc. Central Region Chapter, Saudi Arabia conducted the 2020 first General Membership Meeting with Technical Seminars on 10th of January 2020 at Holiday Inn Hotel (Al-Qasr), King Fahd, Olaya District, Riyadh Kingdom of Saudi Arabia.

The activity was a whole day event with the registration of early birds started as early as 6:00 AM. Three topics were presented namely Codes of Professional Ethics for Licensed Electrical Practitioner by Engr. Orlando T. Villapaña Jr. and then followed by the technical seminar for Hazardous Area of Classification – its impact to the Electrical Installation and lastly, presentation of Professional Development Through Expanded Tertiary Education Equivalency & Accreditation Program (ETEEAP).



### Program (ETEEAP)

The photos shows registration of the 2020 1st GMM attendees and there are members that already arrived as early of 6:00 in the morning. The registration process was smoothly facilitated by the Chapter BODs headed by the Chapter Secretary, Engr. Cyrus Y. Bigcas (left photo). Payment section was managed by the Chapter Treasurer, Engr. Fredelino M. Fortaleza Jr., with the assistance of Engr. Nelson J. Tenorio, 2020 Chapter Adviser (middle photo). Interested participants composed of IIEE members and guests patiently fall in line to complete their registration.



IIEE-CRCSA BOD's, Former Presidents on stage and fellow Electrical Practitioner members did the literally kapit bisig "BIND US TOGETHER" while singing the IIEE-Hymn





(Photos L-R) 2020 Chapter President Engr. Luis A. Javier, PEE presenting the President Report, Treasurer Report by Engr. Fredelino F. Fortaleza Jr., PEE 2020 Chapter Assistant Treasurer, introduction of the Guest Speaker by Engr. Julius D. Modia, PEE 2020 Chapter VP-External and Closing Remarks by Engr. Edwin G. Cayabyab, PEE 2020 Chapter VP-Technical.



Guest Speaker Hon. Atty. Adnan V. Alonto (left photo) Ambassador of Philippine Embassy Riyadh KSA discussing the contingency evacuation plans of OFW's and Mr. Alexander Joseph A. Estomo Third Secretary and Vice Consul of Philippine Embassy Riyadh, KSA. Leads the Oath Taking Ceremony of the newly passed Professional Electrical Engineers.



In the photos (L-R) are the Technical Resource Speakers is Engr. Orlando V. Villapaña Jr., PEE. Engr. Lordin O. Loyola, PEE and Engr. Gerryco M. Untalan, REE,ME, RME, AER, RMP delivering their respective topics during the Chapter's 1st 2020 General Membership Meeting.



Group Photos of the IIEE-CRCSA Officers, Members and Guests during the successful GMM event.



## **Student Affairs Meeting-Preparation**

The 2020 Student Affairs Committee held a meeting on Jan 15, 2020 at Bulalohan Restaurant to discuss the updates of actions from different Committee Members for the forthcoming 1st Clash of Intellect Quiz Bee. To be sponsored by the IIEE-CRCSA in collaboration with the Philippine Embassy. The competition was intended to be participated by student representatives from different Filipino international schools in Riyadh, KSA.



From left: 2017 Chapter President Engr, Arnel O. Aguas, 2020 VP -internal Affairs Engr. Edwin G. Cayabyab, 2020 Governor Engr. Geronimo Cesar Ramirez, 2015 Chapter President Engr. Orlando T. Villapana, 2020 Governor Engr. Mel Greg Ajero, 2020 Chapter president Engr. Luis A. Javier, and 2020 Student Affairs Chairman Engr. Cyrus Y. Bigcas.

## **PPO First Regular Monthly Meeting**

Philippine Professional Organization-Central Region Saudi Arabia (PPO-CRSA) had its First Regular Meeting on January 16, 2020 in Hotel 63. IIEE-CRCSA participated in the said meeting.

PSME President Francis Marquez chaired the said meeting with past PPO Chairmen and the Council of Presidents and distinguished leaders from different Professional Organizations in Riyadh, Kingdom of Saudi Arabia. Discussed in the said meeting were the planning and executions of activities for the whole year 2020.

Election of the 2020 Officers was also conducted with the following result:

Chairman	-	PSME-CRSA	Committee in SPLE	-	PSME-CRSA
Vice Chairman	-	PICE KSA	Committee in Sports	-	PICE-KSA
Secretary	-	FDK	Committee in Program	-	ARCPP
Treasurer	-	FILNASA	Committee in A&P	-	UAP-KSA
Auditor	-	IIEE-CRCSA	Committee in W&M	-	PICPA & COMSOFIL
PRO	-	UAP-KSA	Committee in V&PA	-	AFPEK
			Committee in A&C	-	IECEP-KSA-CRC



Included in the photos are all PPO-CRSA 2020 Officers.





### Student Affairs Meeting

Student Affairs Committee held a meeting at Bulalohan Restaurant on January 17, 2020 to discuss the updates and preparations related to the 1st Clash of Intellect Quiz Bee competition.



### First Regular BOD Meeting

IIEE-CRCSA 2020 Board of Directors held its First Regular BOD Meeting on January 19, 2020 at Bulalohan Restaurant. It was attended by Eight(8) Board Members and Two(2) former Presidents. The meeting discussed the agenda of the month including the evaluation of the recently concluded General Membership Meeting.



Group Photo during the 1st BOD regular monthly meeting

### 2020 PPO Officer Oath Taking Ceremony @ Philippine Embassy

The Philippine Professional Organization (PPO) has conducted the Oath Taking Ceremony of its 2020 Officers at Philippine Embassy, Riyadh on January 23, 2020.



Group Photo together with Former PPO Chairmen.

PPO 2020 Officer Oath Taking Ceremony officiated by the Philippine Ambassador Extraordinary and Plenipotentiary to the Kingdom of Saudi Arabia, Hon. Adnan V. Alonto (Left).



## **Student Affairs Committee Meeting with Schools**

As final preparation for the upcoming 1st Clash of Intellect Quiz Bee, the Student Affairs Committee headed by its 2020 Chairman Engr. Cyrus Y. Bigcas with the support of its members and in cooperation with Philippine Embassy Cultural Affairs headed by Mrs. Naive L. Mamhot conducted the meeting with the participating Philippine International Schools in Central Region to discuss the rules and guidelines of the quiz bee. It was attended by five participating schools namely, Second Philippine International School (SPIS), Elite International School (EIS), International Philippine School in Riyadh (IPSR), Al Taj International School (AIS) and Riyadh International School (RIS).



Participants taking light snacks shared by the Student Affairs Committee during the meeting.



The meeting started with short prayers.



Cultural Attaché Mrs. Naive L. Mamhot, led the discussion with the school representatives.



## **IIEE-CRCSA 1st Clash of Intellect Quiz Bee**

And on January 31, 2020, the launching of the 1st IIEE-CRCSA Riyadh Clash of Intellects was successfully held and as a result IIEE-CRCSA has just completed the 1st Student Affairs Clash of the Intellect Quiz Bee at the Philippine Embassy, Riyadh. The event was participated by Five (5) Philippine International Schools namely Riyadh International School (RIS), Second Philippine International School in Riyadh (SPIS), International Philippine School in Riyadh (IPSR), Elite International School (EIS) and Al Taj International School (ATIS). SPIS emerged as the Winner and now holds as the Perpetual Champion for the event.

Below are the photos taken during the quiz bee event.



Some of the participating students from Philippine International Schools in Central Region.





Participating Students were accompanied by their Coaches and families who provided moral support and served as their audience during the competition.



Students from the Five (5) competing schools take their photo shoot with the good Ambassador, Philippine Embassy, Honorable Atty. Adnan V. Alonto.



The Students Affairs Committee together with the Board of Judges namely, (seated L-R) Dr. Shaun B. Sabico, Madam Cecile F. Martinez, Mr. Edgar L. Bedis, Madam Naive L. Mamhot-Cultural Affairs Attache, Philippine Embassy and IIEE-CRCSA Presidents, 2020-Engr. Luis A. Javier and 2019-Engr. Nelson J. Tenorio.





Gold Medals for the Champion , Silver Medals for the 1st Runner Up and Bronze Medals for the 2nd Runner Up were prepared for the Top 3 winning schools together with trophies. Plaque of Appreciation was also awarded to our Board of Judges and tou our Philippine Embassy officials for their support in successfully conducting the event inside the premises of the Philippine Embassy in Riyadh.



Second Philippine International School (SPIS) was declared as the Champion of the 1st IIEE-CRCSA Riyadh Clash of Intellects and receives the Perpetual Trophy.



Elite International School (EIS) was declared as the 1st Runner Up of the 1st IIEE-CRCSA Riyadh Clash of Intellects.







Al Taj International School (AIS) was declared as the 2nd Runner Up of the 1st IIEE-CRCSA Riyadh Clash of Intellects.



Special Guest of Honor Ambassador Adnan V. Alonto, together with the Board of Judges, Mrs Naive L. Mamhot, 2020 Chapter President Engr, Luis A. Javier and 2020 Chapter Adviser Engr, Nelson J. Tenorio



Photo of the Student Affairs Committee who organized and managed the conduct of 1st Clash of Intellects Quiz Bee Competition in Riyadh, KSA.



## **IIEE-CRCSA's 2020 SPLE REE and RME MENTORING CLASS**

Preparation for the 2020 Special Professional Licensure Examination (SPLE) continues with the conduct of mentoring classes for those aspiring to be Licensed REE's and RME's that started as early as December 2019.

Aspirants who have shown their interest to join the 2020 SPLE Review Classes attended the Orientation Session for them to fully understand the SPLE requirements and how the Chapter is managing the review classes and other related processes.



Engr. Ariel B. Suan discussing the subject Plane and Solid Geometry on January 03, 2020 during the 5th SPLE REE Mentoring Class



Engr. Ismael Q. Ferrer discussing the subject PEC Part 1 Chapter 2 (Wiring and Protection) on January 03, 2020 during the 5th SPLE RME Mentoring Class



Group Photo of RME Mentoring Class after the Lecture of Engr. Edwin G. Cayabyab on 6th SPLE RME Mentoring Class on January 17, 2020





Engr. Abdullah B. Mujahid discussing the subject Differential Calculus and Probability and Statistic on January 17, 2020 during the 6th SPLE REE Mentoring Class.



Engr. Luis Javier, 2020 Chapter President, shown above presiding the Oath of Commitment of the Aspirants during the SPLE Orientation conducted on December 31, 2019 at International Philippine School in Riyadh (IPSR). Photos below show Engr. Luis A. Javier and Engr. Edwin G. Cayabyab, CRCSA 2020 VP Technical discussing guidelines about the conduct of SPLE review classes.







Engr. Abdullah B. Mujahid discussing the subject Integral Calculus and Differential Equation on December 31, 2020 during the 7th SPLE Review Class for REE Aspirants.



Engr. Ismael Q. Ferrer discussing the subject PEC Part 1 Chapter 3 (Wiring Methods and Materials) on December 31, 2020 during the 7th SPLE Review Class for RME Aspirants.



Engr. Mel Greg P. Ajero giving his own PEC 2017 as prize to lucky raffle winner Mr. Nilo.







# February 2020

## PEE AdHoc Committee Mentoring ERCSA Batch 3B PEE Aspirants

The Institute of Integrated Electrical Engineer of the Philippines, Inc. Central Region Chapter, Saudi Arabia (IIEE-CRCSA), with the aim of further enhancing the good relationship with Eastern Chapter (ERCSA) and in unison of providing assistance on whatever capacity it can to those aspiring to be Professional Electrical Engineers, had another mentoring and/or sharing to ERCSA Batch 3B PEE aspirants on February 01, 2020 in Lamar House, Sulaimaniah, Riyadh, Kingdom of Saudi Arabia.



CRCSA 2020 PEE AdHoc Committee with ERCSA Batch 3B PEE Aspirants



PEE aspirant from ERSA presenting his work to the CRCSA PEE Adhoc Committee during a Mock-up Presentation



Engr. Anthony Irvin SE. Guiao of CRCSA sharing his thoughts and valuable suggestions on how to be a PEE to the group



ERCSA Batch 3B PEE Aspirants with the CRCSA PEE AdHoc Committee after the Mentoring Session



## **IIEE-CRCSA and Philippine Embassy Multi-Purpose Hall**

The Philippine Embassy in Diplomatic Quarter, Riyadh, Kingdom of Saudi Arabia currently have an open basketball court and aims to turn it to a Multi-Purpose Hall. The Institute of Integrated Electrical Engineer of the Philippines, Inc. Central Region Chapter, Saudi Arabia, had an agreement with Hon. Adnan V. Alonto, Philippine Ambassador in Riyadh to prepare design drawings and to provide assistance as client representative until completion of the building construction which is aimed to be before end of the year 2020. Technical Team was created comprising of other disciplines from other professional organizations in Riyadh.

Kick-off meeting was held on February 01, 2020 in Philippine Embassy with weekly coordination meeting held every Tuesday night and technical meeting whenever necessary.

Groundbreaking Ceremonies was held February 27, 2020 with Hon. Teodoro L. Locsin Jr., Secretary of Foreign Affairs as guest of honor.



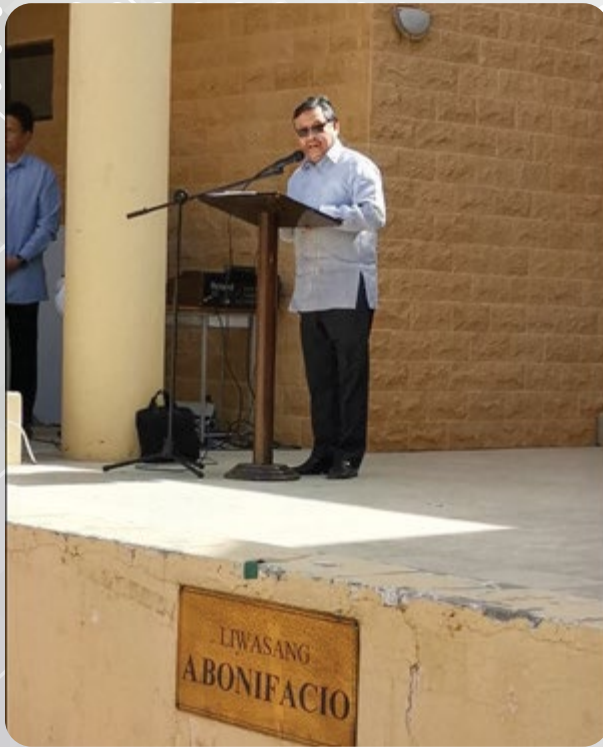
Photo in the left shows Technical Team deliberating on PE Building Design while photo in the right shows the team with Hon. Adnan Alonto after the Kick-Off Meeting on February 01, 2020



IIEE-CRCSA was represented by Engr. Roland Nicolas and Engr. Luis Javier during the Grounding Breaking Ceremony of the PE Building on February 27, 2020







Hon. Adnan Alonto (left photo) and Hon. Teodoro Locsin Jr. (right photo) deliver their respective speeches during the Grounding Breaking Ceremony of the PE Building on February 27, 2020



Technical Team with Hon. Adnan Alonto and Hon. Teodoro Locsin Jr. during the Grounding Breaking Ceremony of the PE Building on February 27, 2020

## **Taal Volcano Victims Fund Raising Drive**

Once again the IIEE-CRCSA family has initiated a fund raising drive to collect any supports from its members who have golden hearts and willing to share their blessings to less fortunate people especially those who have been affected by the recent eruption of Taal Volcano that affected a lot of people residing within the danger zone. The chapter was able to collect a total amount of SAR 2,249 (PhP 37,500). The said amount was handed over to the National Chapter by Engr. Garyfred Basilio and Engr. Robert Arellano on February 6, 2020. Among those who received the donation were Hon. Engr. Jaime V. Mendoza, PEE, Member of the PRC Board of Electrical Engineering, and Engr. Lyndon Bague, Engr. Elboy Gonzalez and Florigo Varona from IIEE National Chapter.



Below are some photos taken during the hand-over ceremony.



Photo above shows (starting from left): Engr. Garyfred Basilio, PEE; Engr. Robert Arellano, PEE; Engr. Lyndon Bague, PEE; and Engr. Elboj Gonzalez



Photo above shows (starting from left): Engr. Florigo Varona; Hon. Engr. Jaime V. Mendoza, PEE; Member, Board of Electrical Engineering; Engr. Robert Arellano, PEE; and Engr. Garyfred Basilio, PEE



Photo above shows (starting from left): Engr. Garyfred Basilio, PEE; Engr. Robert Arellano, PEE; Ms. Kristine Bernadette Llamas and Mr. Alma Larce

The IIEE-CRCSA shall continue its advocacy of contributing any assistance to the Filipinos in order to at least alleviate their sufferings.

May God Almighty shower His blessings and guidance to those who have participated in this noble drive. God mentioned in Qur'an 2:261

﴿سَأَوْهَلَآءُ أَشْرَىٰ نَمْلٍ فَاعْرِضْهُآءُ هَلَآءُ قَبْحٌ قَوْمِ ٱلْبُنُسُ لُكْ يَف لِبَآءِ نَسْ عِبْسَ تَتَبْنَآ قَبْحَ لَتَمَكِ هَلَآءُ لِبَآءِ لِبَسِ يَف مُهَلْأَوْمَآ نُوْقِفْنِي نِي ٱلْأَلْمَآءُ﴾

"The example of those who spend their wealth in the way of God is like a seed [of grain] which grows seven spikes; in each spike is a hundred grains. And God multiplies [His reward] for whom He wills. And God is all-Encompassing and Knowing."

## **IIEE-CRCSA and Philippine Embassy Multi-Purpose Hall**

IIEE-CRCSA 2020 President Luis Javier, together with the other officers of Philippine Professional Organizations – Central Region Saudi Arabia (PPO-CRCSA), had its first courtesy call to Philippine Overseas Labor Office Labor Attache Nasser S. Mustafa on February 6, 2020.

Hon. Mustafa, at first, discussed the situations of Filipino Workers here in Riyadh and in other parts of the Gulf Region. Activities of PPO for the year 2020 were also discussed and are to be further detailed in succeeding meetings.







Leaders of Various Professional Organizations with Hon. Nasser Mustafa (middle in photo in the left)



PPO-CRSA Officers with Hon. Mustafa

## **IIEE-CRCSA ASEAN Engineer/Technician Registry Aspirants**

Institute of Integrated Electrical Engineer of the Philippines, Inc. Central Region Chapter, Saudi Arabia, with its Ad Hoc Committee for AER chaired by Former President Engr. Arnel O. Aguas maintains its aspiration to provide assistance to electrical practitioners wanting to upgrade and be ASEAN Engineering Register member as Engineer and/or Technician.

To start with the process, Engr. Aguas met the aspirants on February 6, 2020 in Tim Hortons, Sulaimaniah, Riyadh, K.S.A.. Among the 12 aspirants, officers were elected who are as follows:

Chairman – Jonathan Capistrano, Vice-Chairman – Exequiel Bonagua, Secretary – Jaypearson Ubando, Treasurer – Adnan Tangaan and Auditor – Joey Panis





## **IIEE-CRCSA Batch 5 PEE's Thanksgiving Party**

Achieving the goal of being a Professional Electrical Engineer (PEE) has always been considered as a great blessing.

With this, Batch 5 of Professional Electrical Engineers of the Institute of Integrated Electrical Engineer of the Philippines, Inc. Central Region Chapter, Saudi Arabia has not forgotten to thank those who have contributed in their journey toward the realization of their dream. Thanksgiving Party was done in Estiraha, Riyadh, K.S.A. on February 7, 2020.

Each attendee had the opportunity to give their congratulatory speeches to the new PEE's and encouraged them to also serve generously and share their blessings as gift to others. The new PEE's likewise shared their struggles and motivations in achieving their ultimate dream as an electrical practitioner.



Former President Roland Nicolas (left) and IIEE-CRCSA-VP External Julius Caesar Mondia (right) delivering their speeches to the New PEE's



New PEEs together with their families, friends and colleagues in CRCSA enjoying the party



## **PRC ID Card Distribution to IIEE-CRCSA's 2019 SPLE Passers**

Institute of Integrated Electrical Engineer of the Philippines, Inc. Central Region Chapter, Saudi Arabia, in its aim to further provide assistance to its members, helped passers of 2019 Special Professional Licensure Examination obtain their professional Identification Cards from the Professional Regulation Commission. It was successfully done through the efforts of the Ad Hoc Committee for SPLE.

After claiming the cards in PRC Manila Office himself during his vacation, Engr. Romancito SP. Gamboa led the distribution on February 7, 2020 in International Philippine School in Riyadh (IPSR), Riyadh, K.S.A.



2019 REE and RME SPLE Passers with the SPLE Committee Members



## **IIEE-CRCSA's 2020 BOD Team Building**

To further enhance productivity, increase motivation and strengthen collaboration among new officers, Institute of Integrated Electrical Engineer of the Philippines, Inc. Central Region Chapter, Saudi Arabia 2020 new set of Board of Directors and members of different committees had their Team Building Activity on February 14, 2020 in Esteraha, Riyadh, K.S.A.

Led by the chapter's Former Presidents, the event has been fun-filled and successful in achieving its goals.



Photos above shows the group singing the National Anthem (left) and IIEE Hymn (right)



Engr. Nelson Tenorio discussing the "IIEE-CRCSA Manual of Operation and Conduct of Regional Conference"



Engr. Benjamin Cabaya Jr. discussing Parliamentary Procedure according to Robert's Rule of Order





Engr. Orlando Villapaña Jr. discussing "Leadership Training – Acknowledging Resources Contributions"



Participants actively take part in the group exercises during the Leadership Training



Participants of the 2020 BOD Team Building



# IIEE-CRCSA's Batch 8 PEE Aspirants Preliminary Oral Interview

## Mock-Up

Institute of Integrated Electrical Engineer of the Philippines, Inc. Central Region Chapter, Saudi Arabia, through its 2020 Ad Hoc Committee on Professional Electrical Engineers which is chaired by Engr. Orlando Villapaña Jr. continues to fulfill its goal of producing more PEE's. To prepare the Batch 8 PEE Aspirants for their forthcoming Preliminary Oral Interview which is being targeted to be during the Middle East Regional Convention, the committee had a mock-up on February 15, 2020 in International Philippine School in Riyadh (IPSR), Riyadh, K.S.A.



Engr. Keith Lavin discussing his presentation to panelists Engr. Roland Nicolas, Engr. Arturo Saquido And Engr. Niño Pagalaran



Engr. Francis Neil Sargento discussing his presentation to panelists Engr. Victor Imperial, Engr. Areiz Cabangon And Engr. Lordin Loyola



Engr. Julio Tamano discussing his presentation to panelists Engr. Arnel Aguas Engr. Mel Greg Abejero And Engr. Julius Caesar Mondia



Aspirants with IIEE-CRCSA Pres. Luis Javier while waiting for their turn in the holding room while Engr. Roland Nicolas sharing his advices to the Aspirants



Aspirants with the invited Panelists and PEE Ad Hoc Committee Members





## **Second Regular BOD Meeting**

Institute of Integrated Electrical Engineer of the Philippines, Inc. Central Region Chapter, Saudi Arabia, 2020 BoD had its Second Regular Meeting on February 20, 2020 in Jollibee Sulaimaniah Branch, Sulaimaniah, Riyadh, K.S.A. There were ten (10) present BoD, two (2) Former Presidents and the Chapter Adviser present during the meeting. Furthermore, the Former Presidents served as proxies to two (2) BoD's who were not able to attend.



BODs discussing the Chapters Plans and Activities during the meeting



Group photos taken after the meeting

## **Middle East Region Chapter Presidents Meeting**

IIEE-CRCSA Chapter President Luis Javier attended the First 2020 MER Chapter Presidents' Meeting in Crowne Plaza Hotel, Abu Dhabi, United Arab Emirates on February 21, 2020. The meeting was presided by Gov. Dene S. Horneja where various concerns of MER Chapters were tackled. 2020 MER Conference was one of the main agenda.



Presidents from different chapters in the Middle East convene to discuss MER plans and activities for 2020





MER 2020 Presidents with Gov. Horneja after the Meeting



MER 2020 Presidents with all other Attendees after the Meeting

### **Hon. Teodoro Locsin Jr. Meeting with Filipino Community**

Secretary of Foreign Affairs of the Philippines, Hon. Teodoro Lopez Locsin Jr. visited Riyadh, K.S.A.. Philippine Embassy of Riyadh with the leadership of Hon. Ambassador Adnan Alonto facilitated a Meeting with Filipino Community and IIEE-CRCSA was privileged to be invited with the leaders of Filipino Organizations in Riyadh. It was held in Marriott Hotel on February 28, 2020.



Hon. Locsin and Hon. Alonto with other dignitaries



Hon. Adnan Alonto (left) and Hon. Teodoro Locsin Jr. (right) delivering their respective speeches





## Inter-color Basketball Tournament

The Institute of Integrated Electrical Engineers of the Philippines Inc., Central Region Chapter, Saudi Arabia (IIEE-CRCSA), leads the Opening Ceremony of the IIEE-CRCSA Inter-color Basketball Tournament that was held on 28th day of February 2020 at Sheraton Hotel & Towers Riyadh, KSA. Seven Team Colors are created that will compete to each other for the whole tournament. The objectives of the said tournament is to promote health and strengthen the camaraderie of each IIEE-CRCSA members.



IIEE-CRCSA Team players wearing their basketball uniform assigned colors. (Orange-shockwave, Yellow-Light Busters, White-Corona, Red-Grounded, Green-Lightning Bolt, Blue-Electrified and Black-Harmonics)

The opening program started at 4:30pm headed by the emcee Engr. Benjamin F. Cabaya, 2020 Chapter Auditor and assisted by Engr. Luis A. Javier, 2020 Chapter President.



The muses showed their Catwalk version which made the players and audience to cheer and yell due to their excitement while each muses start to walk in front of the Judges



In the photo from the left is Ms. Mary Jane Laca for White team, followed by Ms. Rhodelyn Aclaracion for Red Team, Ms. Lovella Jo Bagayana from Green Team, Ms. Ma. Regina S. Karganilla for Blue Team and lastly, Ms. Claire Aves Madrid from Black Team





The panel of Judges from the left is Engr. Francis Marquez, 2020 PPO Chairman, at the Center is Mr. Anthony Silang, Store Manager of Jollibee Riyadh KSA and Engr. Rolando Nicolas, 2012 IIEE-CRCSA Chapter President.



White team – CORONA group pictures with their muse. The team won the Best Muse and Best Team Chant Award.



Blue team – ELECTRIFIED group pictures with their muse. The team won the Most Organized Team Award



Orange team –SHOCKWAVE group pictures with the Judges, BOD's and Chapter President



Red team – GROUNDED group pictures with their muse. The players consist of IIEE-CRCSA BOD's and FP's





Yellow team –LIGHT BUSTERS group pictures with the Judges, BOD's and Chapter President



Green team – LIGHTNING BOLT group pictures with their muse, BOD's and Judges



Black team – HARMONICS group pictures with their muse, BOD's and Judges

### 2020 SPLE Mentoring

IIEE-CRCSA continues SPLE Mentoring with the 8th class on February 07, 2020. For REE we discussed the subject Advanced Math and Probability and Statistics By: Engr. Abdullah Mujahid and Engr. Ariel Suan. For RME we discussed PEC Chapter 4 ( Equipment for general used ) Part 1 Engr. Rolando Nicolas and PEC Chapter 3 ( Wiring methods and material ) Part 2 by: Engr. Ismael Ferrer. February 14, 2020, we had our 09th SPLE Mentoring class. For REE review class we discussed the subject Economics 1 & 2 by Engr. Roneric Sebonga. For RME Mentoring class we discussed the subject PEC Chapter 4 ( Equipment for General use ) Part 2 by Engr. Romancito SP Gamboa. February 21, 2020, we had our 10th SPLE Mentoring class. For REE Mentoring class we discussed the subject Engineering Mechanics 1 & 2 by Engr. Ronnie C. Prayco. For RME Mentoring class we discussed the subject PEC Chapter 5 ( Special Occupancies ) Part 2 by Engr. Lordin O. Loyola. February 28, 2020, we had our 11th SPLE Mentoring class. For REE Mentoring class we discussed the subject Strength of Materials & Engineering Materials by Engr. Ariel B. suan For RME Mentoring class we discussed the subject PEC Chapter 6 ( Special Conditions ) by Engr. Romancito SP Gamboa.







AdHoc Committee on SPLE 2nd Meeting in Jollibee Sulaimania on February 24, 2020 discussing the Financial Status of 2020 SPLE and REE, RME Documents status.



RME Mentoring class instructed by: Engr. Rolando Nicolas

RME Mentoring class instructed by: Engr. Romancito Gamboa

REE Mentoring class instructed by: Engr. Ronnie C. Prayco



REE Mentoring Class Instructed by: Engr. Ronneric Sebonga

RME Mentoring class instructed by Engr. Lordin O. Loyola



REE Mentoring class instructed by Engr. Ariel B. Swan







# March 2020

## Inter-color Basketball Tournament

Institute of Integrated Electrical Engineer of the Philippines, Inc. Central Region Chapter, Saudi Arabia continues to provide means of further developing family bonding and maintaining or even enhancing personal health through sports in the Inter-color Basketball Tournament held in Sheraton Hotel & Towers Riyadh, Kingdom of Saudi Arabia.



Competing Teams,, Light Busters and Grounded in Basketball Game on March 02, 2020



Best Player of the Game, Engr. Gino Andrino and the Winning Team on March 02, 2020 Game



Best Player of the Game, Mr. Karl Nichole Karganilla, and the Competing Teams, Corona and Electrified, during the first game on March 09, 2020.

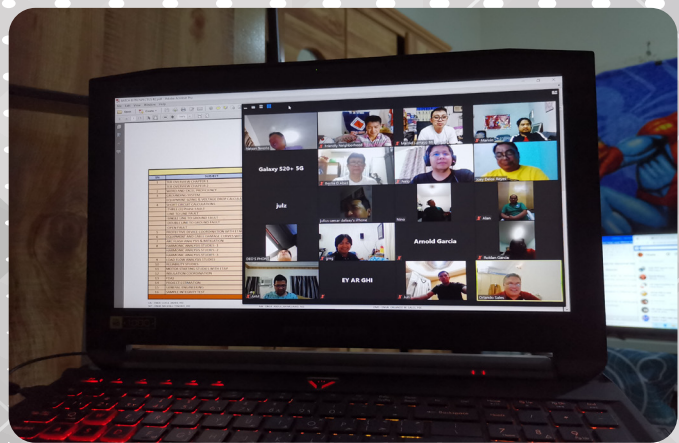
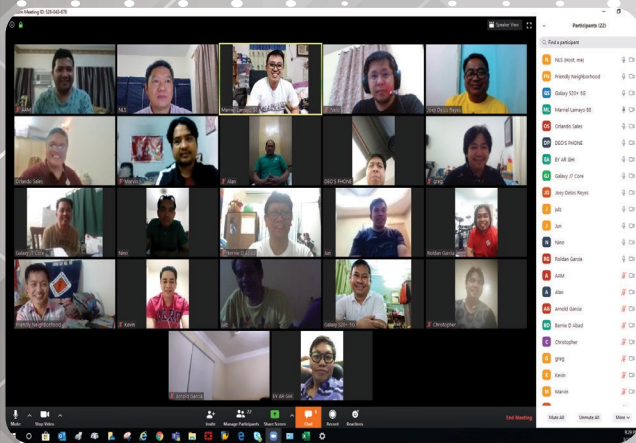


## IIEE-CRCSA's Batch 8 PEE Aspirants Mentoring

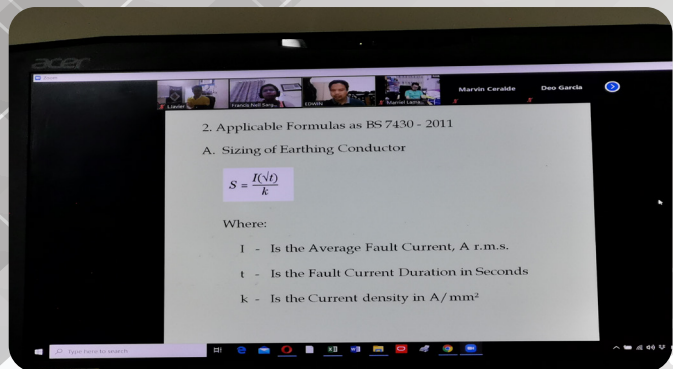
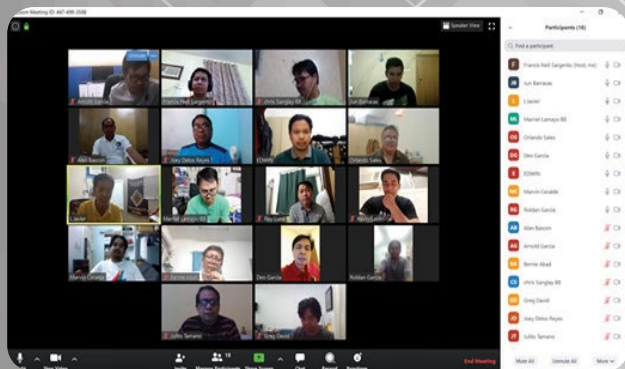
2020 Ad Hoc Committee on Professional Electrical Engineers which is chaired by Engr. Orlando Villapaña Jr. continues to prepare Batch 8 PEE Aspirants in their way in achieving their dream with series of meetings and mentoring held physically and later through on-line discussions.



The group after meeting on March 02, 2020 with Group Prayers for Guidance in the Faith of their Pending Preliminary Screening



Aspirants and the Committee in their First On-Line Meeting on March 18, 2020, and in the right is Engr. Orlando Sales presenting Preliminary Topics to be discussed to the Group in the Succeeding Meetings.



Engr. Edwin Cayabyab discussing Grounding Calculation on March 24, 2020.

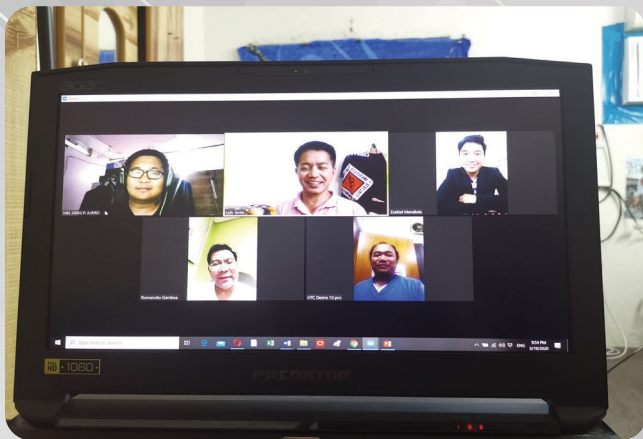


# 2020 SPLE Mentoring

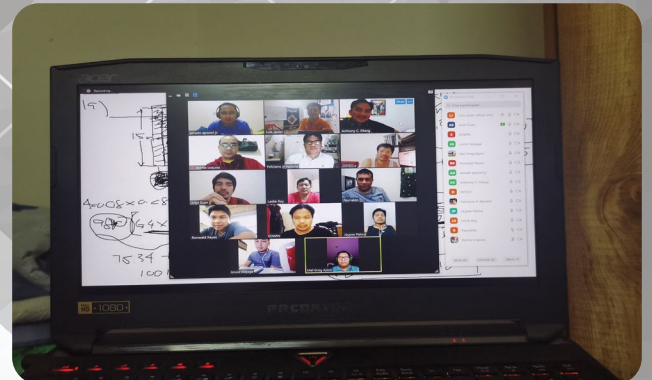
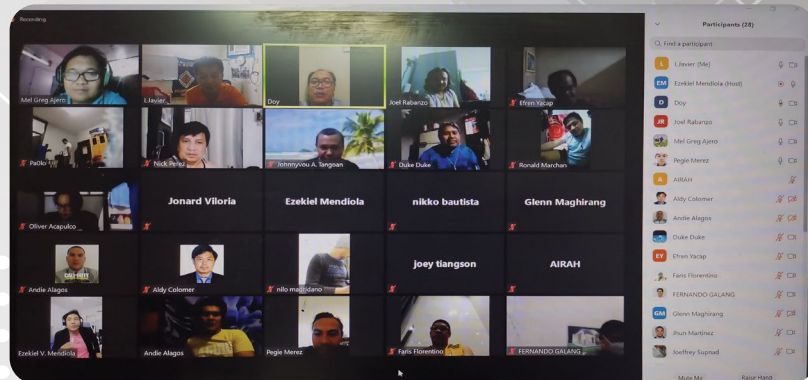
IIEE-CRCSA continues SPLE Mentoring in International Philippine School in Riyadh (IPSR) in the first part of the month. But because of the Corona Virus pandemic, discussions had to be done on-line. Prior to the transfer, several SPLE Adhoc Committee meetings were conducted discussing possible obstacles. After discussing through on-line meetings, the committee has made some refinements and adjustments on how to conduct on-line review sessions efficiently.



REE and RME Aspirants with SPLE Adhoc Committee after the Mentoring on March 06, 2020.



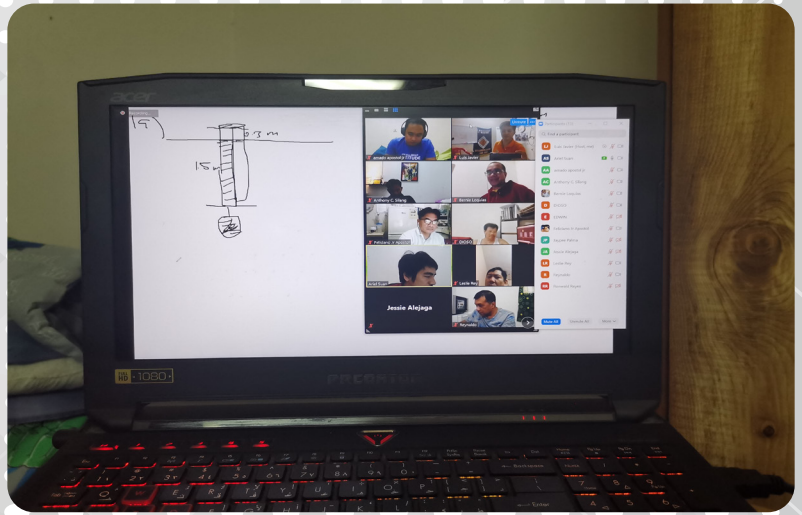
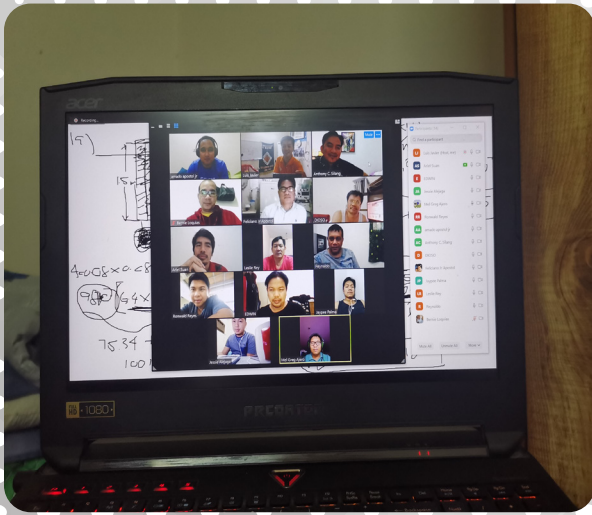
SPLE Adhoc Committee during the meeting on REE and RME Aspirants during the On-line Lecture Orientation March 19, 2020.



Engr. Mel Greg Ajero and Engr. Ezekiel Mendiola discussing PEC Chapter 8 (Communication Systems) and Chapter 9 (Watercrafts), respectively, to RME Aspirants during the on-line Mentoring on March 27, 2020.





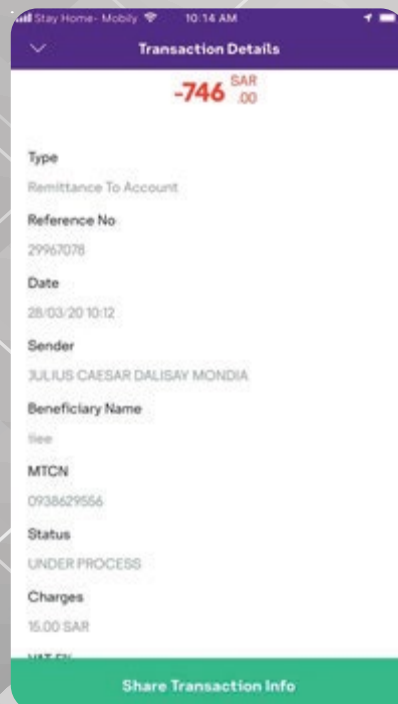


Engr. Ariel Swan discussing Fluid Mechanics to REE Aspirants on the On-line Discussion on March 27, 2020.

## **Socio-Civic Assistance to Covid 19 Victims**

With the aim to provide assistance to the people affected by Covid 19 in the Philippines, IIEE-CRCSA sent financial support to the National Chapter on March 28, 2020.

Because of the lockdown situation also in Riyadh, the amount has to be transferred through on-line by Engr. Julius Caesar Mondia using his STC Pay account.



ransfer Details of the Financial Support on March 28, 2020.



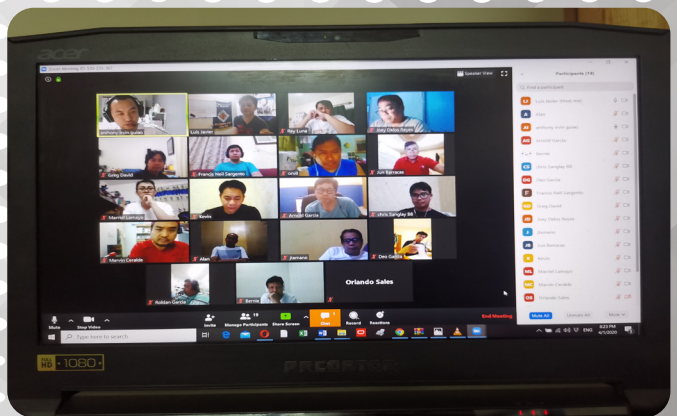


CHAPTER'S ACTIVITIES

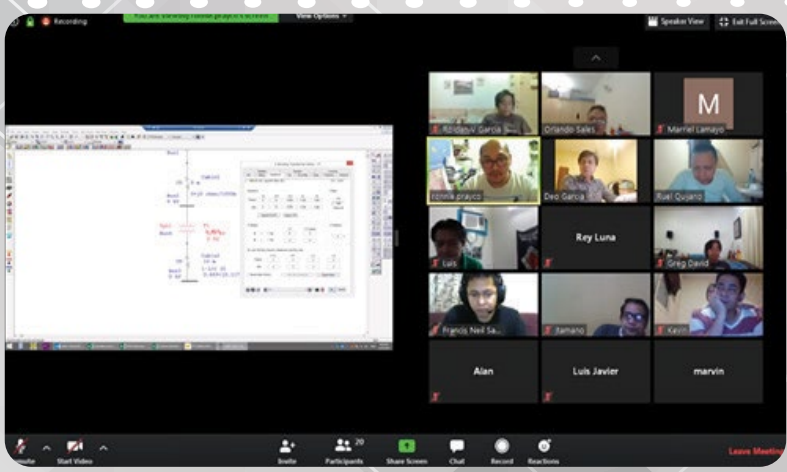
April 2020

IIEE-CRCSA's Batch 8 PEE Aspirants Mentoring

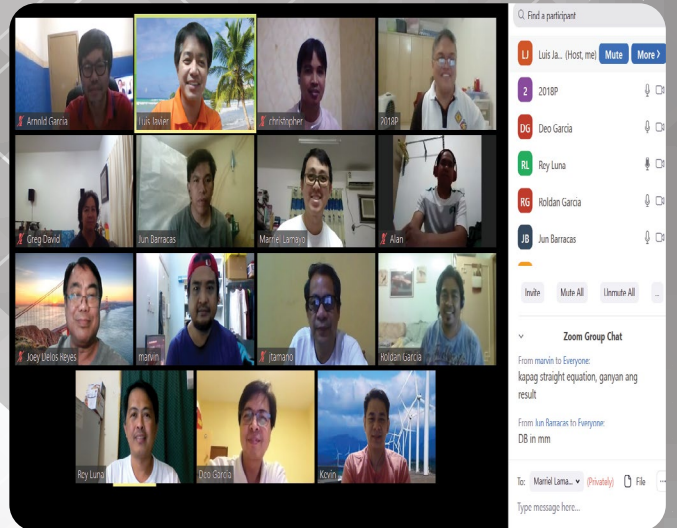
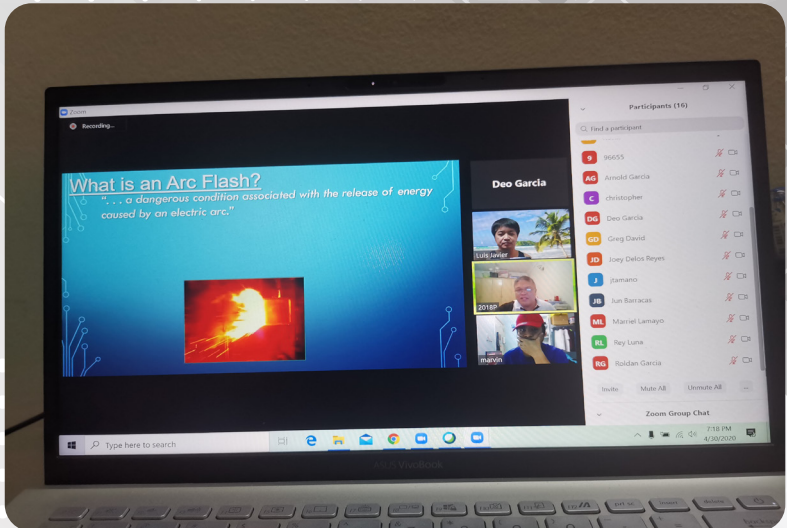
Corona pandemic the world is experiencing does not stop the aspiration of Batch B8 PEE Aspirants in achieving their dream and the 2020 Ad Hoc Committee on Professional Electrical Engineers led by Chairman Engr. Orlando Villapaña Jr. ensures they are in the right path through on-line discussions using zoom meeting.



B8 PEE Aspirants asks for Divine Guidance before the start of their discussion on the topic of Short Circuit Calculation presented by Engr. Anthony Irvin SE Guiao during the online mentoring on April 1, 2020.



Engr. Ronnie Prayco supplemented the lecture on Short Circuit Calculation by explaining the usage and functions of ETAP software during the online mentoring on April 23, 2020.



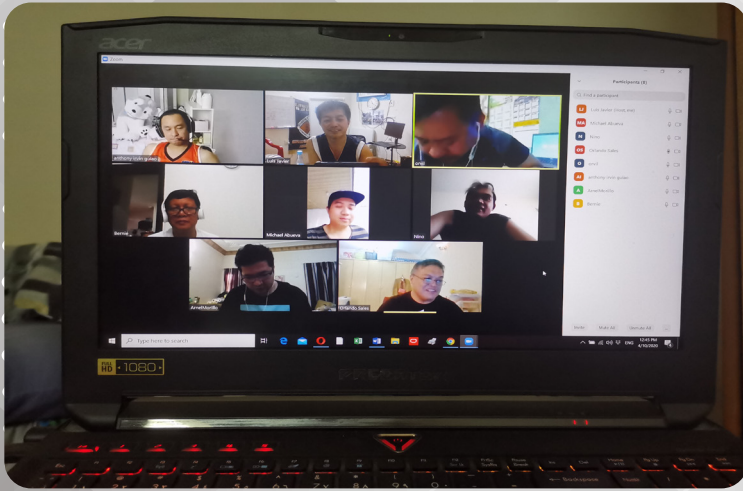
Engr. Orlando Sales discussing the importance of Arc Flash Analysis to the aspirants on April 30, 2020 online mentoring.





## **IIEE-CRCSA PEE Adhoc Committee Meeting**

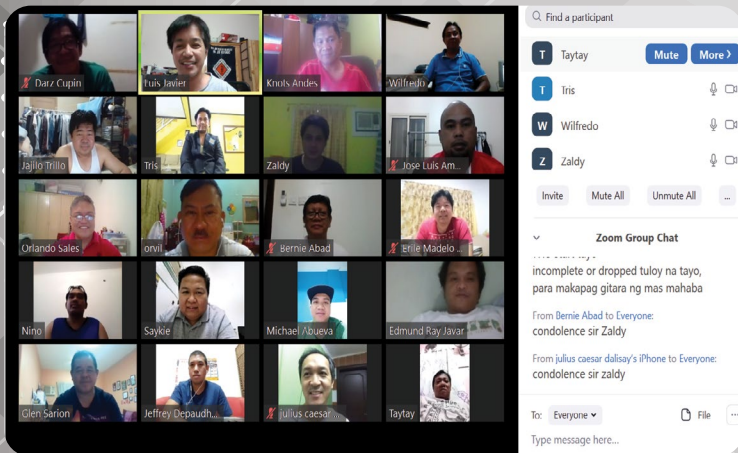
IIEE-CRCSA's Ad Hoc Committee for PEE chaired by Former President Engr. Orlando T. Villapaña, Jr. had its Committee Meeting on April 10, 2020.



PEE Adhoc Committee Meeting chaired by Engr. Orlando Villapaña Jr. discussing the progress of Batch 8 with some inputs on Batch 6 and 7 Status on April 10, 2020

## **IIEE-CRCSA's Batch 6 and 7 PEE Aspirants Mentoring**

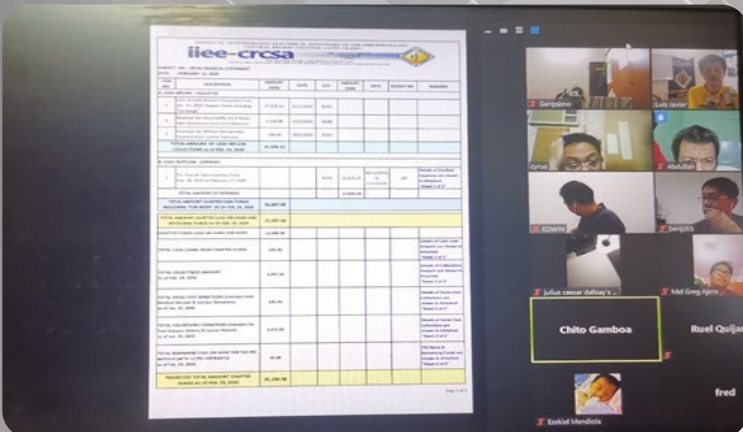
To monitor progress even during the lockdown, 2020 Ad Hoc Committee on Professional Electrical Engineers led by Chairman Engr. Orlando Villapaña Jr. conducted regular online meetings through zoom.



Engr. Luis Javier leads the online orientation of Batch 6 and 7 including presentation of Zoom Meeting functions on April 28, 2020.

The AdHoc Committee on PEE, headed by Engr. Orlando Villapna Jr. conducts online deliberation to update the status and monitor progress of B6 & B7 aspirants on April 28, 2020.

## **Third Regular BOD Meeting**



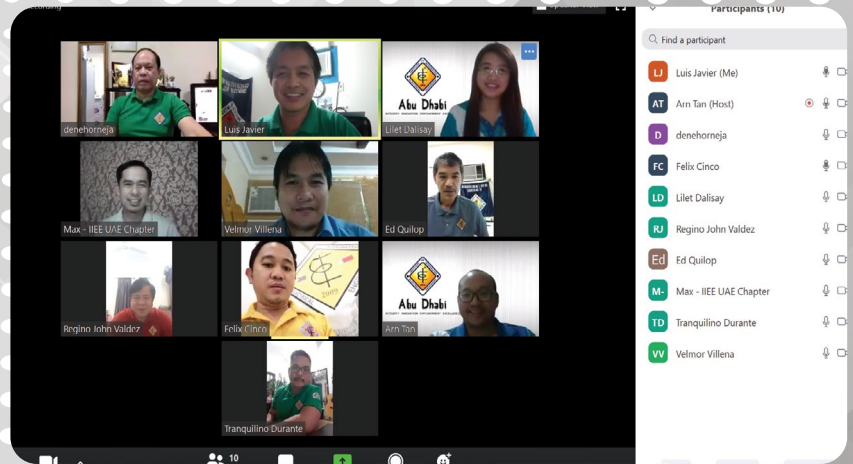
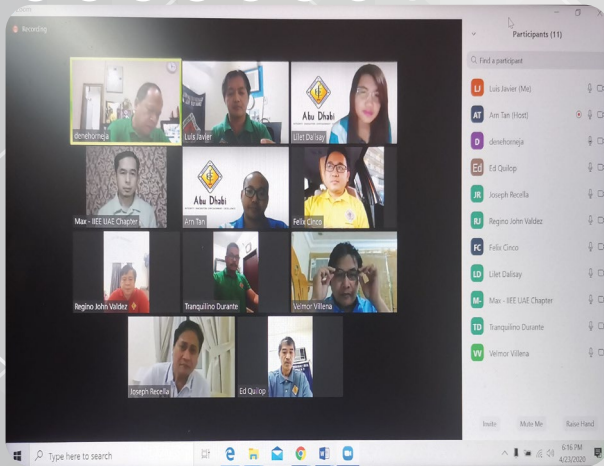
The BODs conducted its 3rd BOD regular monthly meeting on (date) at (place). Part of the meeting was the presentation of Chapter's Financial status by Engr. Romancito SP. Gamboa and the demonstration by Engr. Ezekiel V. Mendiola in using Zoom platform for online meetings.





## **Middle East Region Chapter Presidents Meeting**

Corona pandemic the world is experiencing does not stop the aspiration of Batch B8 PEE Aspirants in achieving their dream and the 2020 Ad Hoc Committee on Professional Electrical Engineers led by Chairman Engr. Orlando Villapaña Jr. ensures they are in the right path through on-line discussions using zoom meeting.



IIEE Middle East Region (MER) 2020 Presidents with Gov. Horneja during the Meeting

## **IIEE-CRCSA AER Adhoc Committee Meeting**

IIEE-CRCSA's Ad Hoc Committee for AER chaired by Former President Engr. Arnel O. Aguas had its Committee Meeting on April 26, 2020.

The composition of the committee was presented during the meeting as follows:

Chairman - Engr. Arnel Aguas

Members - Engr. Romancito Gamboa, Engr. Ronnie Prayco and Engr. Areiz Cabangon

Adviser - Engr. Orlando Villapaña Jr.



The AER AdHoc Committee discusses its proposed activities for 2020.

## **IIEE-CRCSA AER B4 Aspirants**

Institute of Integrated Electrical Engineer of the Philippines, Inc. Central Region Chapter, Saudi Arabia, with its Ad Hoc Committee for AER chaired by Former President Engr. Arnel O. Aguas conducted mock up interview to AER Batch 4 Aspirants on April 29, 2020.

The activity had to be divided into two groups with different panelist using two (2) zoom meeting accounts.





Aspirant Engr. Geronimo Caesar Ramirez being interviewed by Panel A comprising of Engr. Arnel Aguas, Engr. Romancito Gamboa and Engr. Areiz Cabangon. Engr. Luis Javier and Engr. Orlando Villapaña Jr. monitoring the activity.



Another aspirant, Engr. Marriel Lamayo being interviewed by Panel B comprising of Engr. Luis Javier, Engr. Cyrus Bigcas and Engr. Ronnie Prayco. Engr. Orlando Villapaña Jr. monitoring the activity



AER Adhoc Committee with the Batch 4 Aspirants

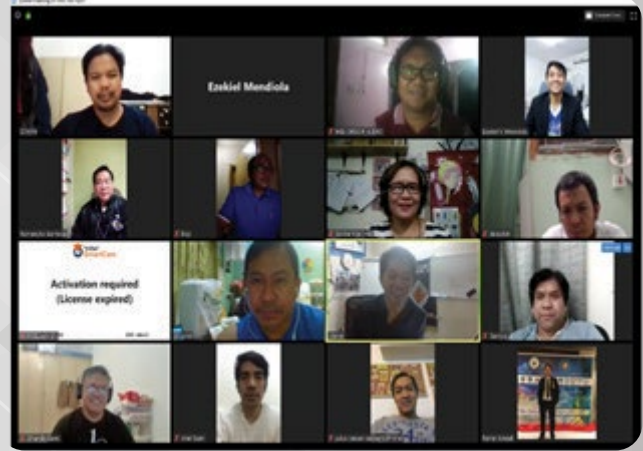
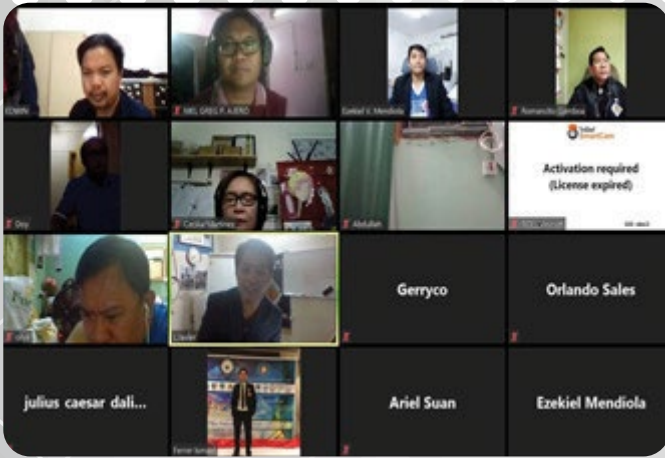




## 2020 SPLE Mentoring

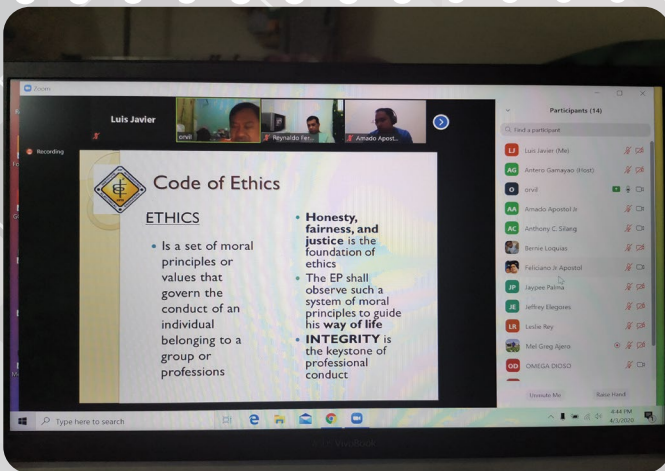
IIEE-CRCSA continues SPLE Mentoring through Zoom Meeting Online.

On April 01, 2020, the AdHoc Committee on SPLE met with the SPLE Volunteer Instructors thru Zoom meeting to discuss adjustments in the mentoring schedule and preparations for the REE & RME preboard. 14 attendees were able to contribute in streamlining the implementation of SPLE activities.

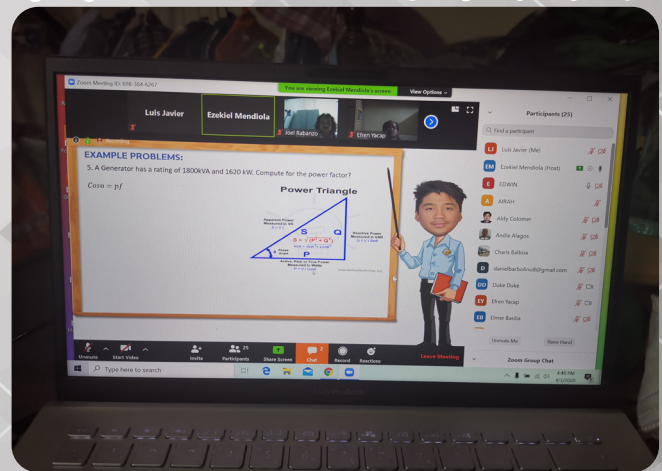


SPLE Committee with the Participating SPLE Instructors

On April 03, 2020, we had 14th mentoring class online for REE & RME. In REE, Thermodynamics and EE Laws/RA 7920/IRR of RA7920 were discussed by Engr. Gery Untalan and Engr. Orlando T. Villapana Jr., respectively while in RME, the subject PEC chapter 9 ( Watercraft ) was discussed by Engr. Ezekiel V. Mendiola.



Engr. Orlando Villapana Jr. discusses the Code of Ethics during his presentation.



Engr. Ezekiel V. Mendiola shares his views about PEC Chapter 9 provisions on Watercraft.



REE aspirants attentively participates as Engr. Abdullah Mujahid discusses his lessons



April 24, 2020, REE Pre-board for Mathematics and ESAS conducted by SPLE Committee Headed by Engr. Luis Javier 2020 CRCSA President



## **Socio-Civic Assistance to Covid 19 Victims**

As Covid 19 pandemic continues to be a worldwide problem, victims in Riyadh, Kingdom of Saudi Arabia increases in quantity. Members of IIEE-CRCSA are of no excuse. Many have not received their salary, forced to accept salary reduction and some have lost love ones in the Philippines.

Chapter President Luis Javier himself lost his mother on April 3, 2020. Other members also had same situation.

IIEE-CRCSA provided assistance to them through financial support or supply of some goods. It was at first internal contributions from Board of Directors and Former Presidents.

Later, a program was launched to extend same assistance not only to chapter members but also other relatives and friends here in Riyadh who are in deep need and it is called BayanIIEEhan Laban sa COVID-19. As agreed, beneficiaries and contributors kept in confidentiality unless permitted by the concerned individuals.



Program Poster



Some of the food supplies provided by the Chapter to its members on April 22 and 29, 2020



## **Socio-Civic Give Blood, Give Life**

With the currently increasing patients connected to Covid 19, personnel of King Fahad Medical City in Riyadh asked IIEE-CRCSA through Socio-Civic Chairman Engr. Abdullah Mujahid for assistance in their need for blood donors.

A program entitled Give Blood, Give Life was launched on April 21, 2020 calling for members willing to donate blood. Some responded to the call. However, issues connected to the lockdown and government imposed travel restrictions has forced the program be on-hold.

**GIVE  
BLOOD**



**GIVE  
LIFE**

**Engr. Abdullah Mujahid**  
IIEE-CRCSA Socio-Civic Committee Chairman,  
a\_am1974@yahoo.com, +966 50 654 3387

**Engr. Luis Javier**  
IIEE-CRCSA Pres,  
lajavier21@yahoo.com, +966 54 719 5585.

King Fahad Medical City, Riyadh, Saudi Arabia is in great need for true heroes who would like to donate blood and save patients who are in need for every possible drop of blood. **IIEE-CRCSA** would like to encourage all members to participate in this campaign and support the needs of Kingdom of Saudi Arabia.

*Note: For those interested members, please provide a copy of your iqama, exact address and mobile number. arrangement will be discussed with the hospital staff in regards to lockdown concerns.*

Program Poster.





May 2020

## IIEE-CRCSA's Batch 9 PEE Aspirants Launched

With the aim of producing more Professional Electrical Engineers, IIEE-CRCSA through 2020 Ad Hoc Committee on Professional Electrical Engineers led by Chairman Engr. Orlando Villapaña Jr. launched on May 1, 2020 the opening of Batch 9.

INSTITUTE OF INTEGRATED ELECTRICAL ENGINEERS OF THE PHILIPPINES INC.,  
CENTRAL REGION CHAPTER, SAUDI ARABIA

**iiee-crdsa** PRC Cert. No. 1 APO 16  
Charter No. 69  
(1998)

P.O. Box 61262, Riyadh, 11565, Kingdom of Saudi Arabia  
Website: www.iiee-crdsa.org, Email Address: info@iiee-crdsa.org, Facebook Page: iiee-crdsa

**PEE Batch 9**

**2020 Mentoring**

Photo above used in the Program Posting.

## MER Presidents Meeting

Middle East Region led by Governor Engr. Dene Horneja had another online meeting on May 7, 2020 and IIEE-CRCSA Chapter President Luis Javier attended the said meeting.



Photos above shows MER 2020 Presidents with Gov. Horneja during the Meeting

## IIEE-CRCSA AER B4 Aspirants

May 9, 2020 is the day that IIEE-CRCSA family has been waiting for the Batch 4 AER Aspirants when their first panel interview was conducted by the IIEE National Office.

The Chapter's AdHoc Committee for AER chaired by Former President Engr. Arnel O. Aguas had a group prayer asking for Divine guidance for the aspirants. Committee and the rest of the chapter BOD and former presidents retained in the background praying for the success of the aspirants. Second part of the interview was conducted on May 23, 2020.





IIEE-CRCSA



Engr. Arnel Aguas and Engr. Luis Javier lead the AER aspirants with a short prayer and final briefings prior to their onine interview.

### **IIEE-CRCSA PEE Adhoc Committee Meeting**

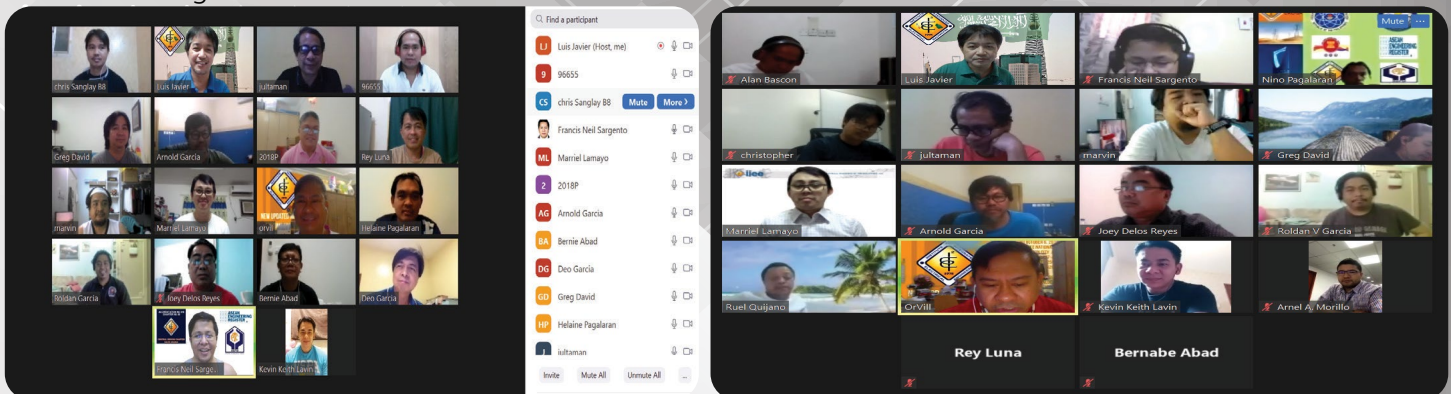
IIEE-CRCSA's Ad Hoc Committee for PEE chaired by Former President Engr. Orlando T. Villapaña, Jr. had its Committee Meetings on May 9 and 17, 2020.



Committee members discussing the progress on PEE activities.

### **IIEE-CRCSA's Batch 8 PEE Aspirants Mentoring**

2020 Ad Hoc Committee on Professional Electrical Engineers led by Chairman Engr. Orlando Villapaña Jr. continues to provide assistance in preparing Batch 8 PEE Aspirants through on-line discussions using zoom meeting.



The committee discusses their initial comments and comments received from the mentors related to the prepared TERs during the online meetings on May 12 and 26, 2020, respectively.





## **IIEE-CRCSA and Philippine Embassy Multi-Purpose Hall**

With the current worldwide situation, certain developments affected the construction of the Philippine Embassy Multi-Purpose Hall in Philippine Embassy in Diplomatic Quarter, Riyadh, Kingdom of Saudi Arabia. Hon. Adnan V. Alonto, Philippine Ambassador in Riyadh called for a meeting with the Technical Team where IIEE-CRCSA through President Luis Javier is part of being involve in the preparation of Electrical Plans. The meeting was done through BlueJean application on May 28, 2020.



Hon. Adnan Alonto discussing to the team the current situation of the project

## **IIEE-CRCSA Moving Out of PEE B6B7 Headquarter**

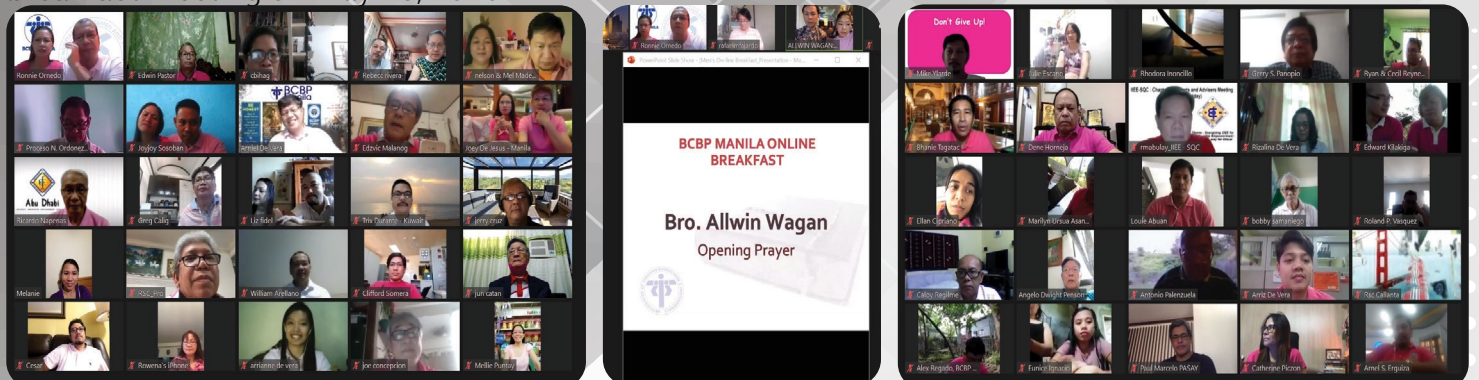
In preparation of their Technical Report, aspirants of PEE Batch 6 and 7 rented an accommodation with one (1) room shared to the Chapter as office/storage. However, contract came to end. Hence, all items of the chapter has to be moved out and brought to the residence of President Luis Javier on May 29, 2020.



Photos above shows the team with some remaining items being transferred

## **IIEE-CRCSA and BCBP**

Brotherhood of Christian Businessmen and Professionals (BCBP) through PRC BEE Chairman Hon. Francis Mapili and IIEE-MER Governor Engr. Dene Horneja, invited the chapter to attend the BCBP online breakfast meeting on May 28, 2020.



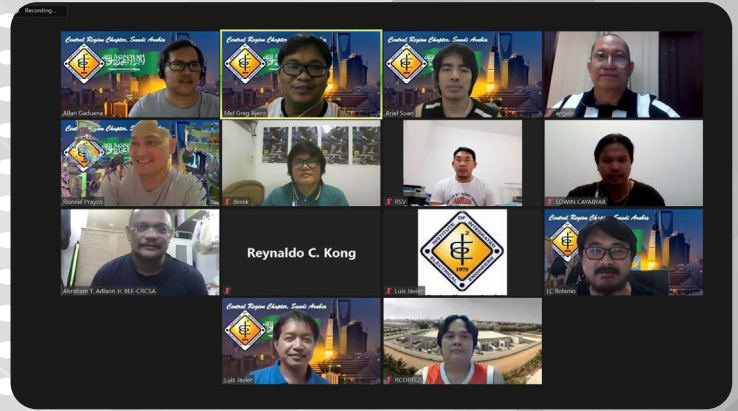
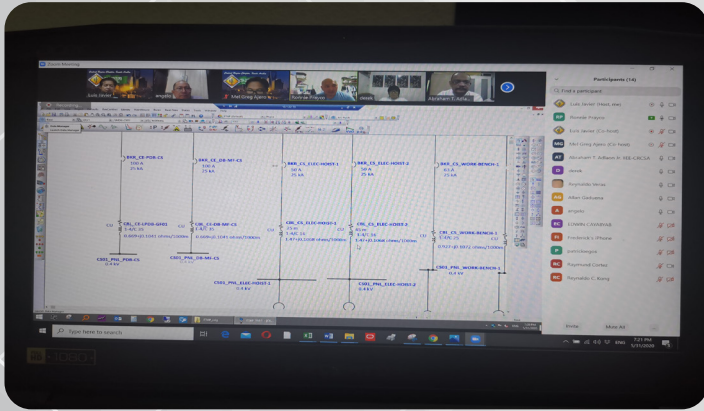
Participants in an Opening Prayer during the Online Breakfast Meeting





## IIEE-CRCSA's Batch 5 PEE Enhancement Training


Aiming for further personal technical knowhow, IIEE-CRCSA's Batch 5 Professional Electrical Engineers had on-line discussions using zoom meeting on the use of ETAP which started on May 30, 2020. The brotherhood developed while they were working on their Technical Report continues to be shown in their aspiration to develop each other's intellect/expertise.




Engr. Ronnie Prayco shared his expertise on ETAP Software to the participants during his online presentation on May 30 and 31, 2020

## IIEE-CRCSA's Batch 6 and 7 PEE Aspirants Mentoring

Batch 6 and Batch 7 PEE Aspirants had their online discussion on Electrical Design Analysis as arranged by 2020 Ad Hoc Committee on Professional Electrical Engineers led by Chairman Engr. Orlando Villapaña Jr. on May 30, 2020. The presenter was Engr. Robert J. Supnet, Batch 5 PEE. In the discussion, all other Board of Directors, Former Presidents and batch mentors were invited to participate.



**INSTITUTE OF INTEGRATED ELECTRICAL ENGINEERS OF THE PHILIPPINES INC.,  
CENTRAL REGION CHAPTER, SAUDI ARABIA**  
PRC Cert. No. I-APO-16  
Chapter No. 09  
(1998)



### ELECTRICAL DESIGN ANALYSIS

### (Compliance to the Provision of PEC)

Presented by:

## Engr. Robert J. Supnet

**PEE, MEng(EE)**



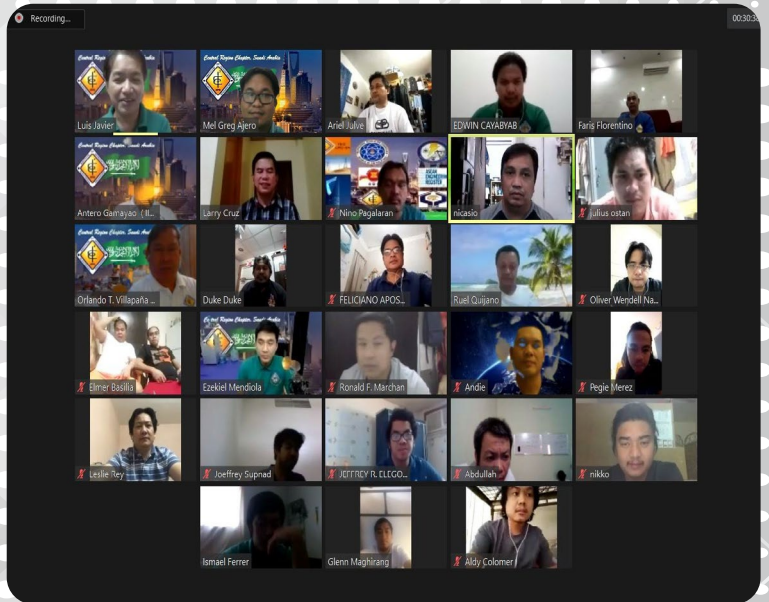
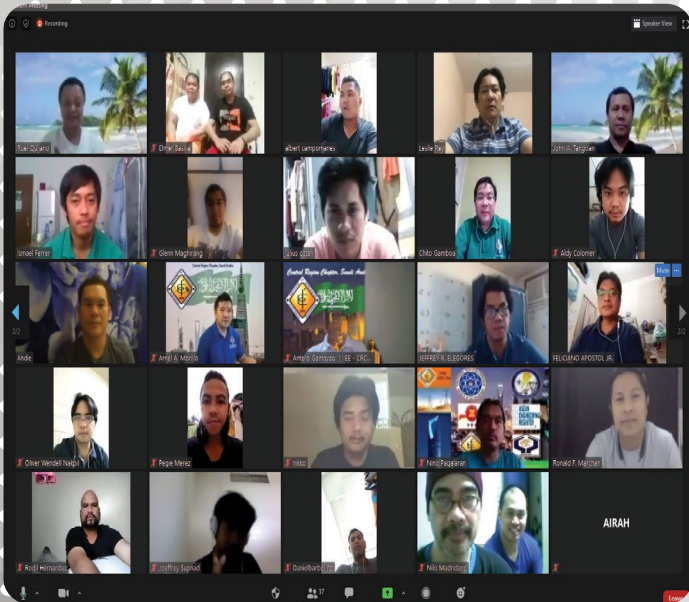
Engr Supnet presents the procedures on how to prepare an Electrical Design Analysis in compliance with the requirements of PEC.

## 2020 SPLE Mentoring

The 17th to 20th SPLE Mentoring Classes for REE and RME were successfully conducted with the cooperation of aspirants and instructors. The following activities were implemented as per schedule.

- May 01, 2020 -DC Circuits 9 Resistance/Network Theorems by Engr. Abdullah Mujahid  
Test Equipment - Types and Uses by Engr. Chicoy Bolanio
- May 08, 2020 -Transmission and Distribution Lines/Substation by Engr. Cyrus Bigcas  
Electrical Transients by Engr. Abdullah Mujahid
- May 15, 2020 -Magnetic Field & Inductance by Engr. Patricio E. Egos Jr.
- May 22, 2020 -DC Generators by Engr. Ronnie Prayco and Electrical Safety by Engr. Romancito Gamboa.



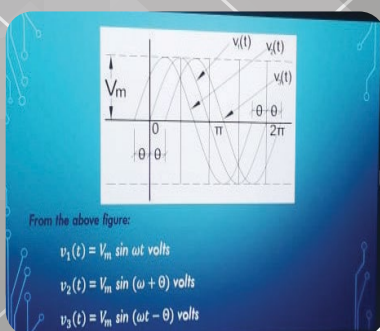
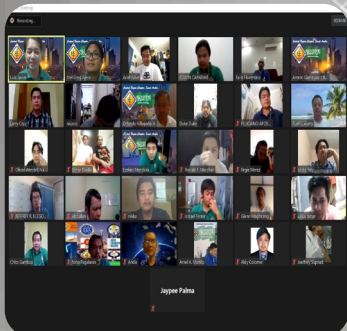


REE and RME participants during SPLE mentoring

May 29, 2020, the REE and RME aspirants were blessed with an inspirational message by: Engr. Larry Cruz former National IIEE President. It has boosted the thirst for learning of the listeners. It was participated also by all other chapter Board of Directors, Former Presidents and other chapter PEE's and ASEAN Engineers. After the talk of Engr. Cruz, we had the 21st mentoring class online for REE and RME where Engr. Ismael Q. Ferrer discussed AC Circuits 1 Phase to the REE aspirants and the topic on RA 7920 was presented by Engr. Orlando Villapana Jr. to the RME class.



Engr. Larry Cruz delivers his inspirational message to the aspirants



**IIEE-CRCSEA**  
**SPLE 2020**  
**EE LAWS, CODES, & PROFESSIONAL ETHICS**  
**ORLANDO T. VILLAPAÑA JR.**  
 PEE 0004478 / AER 7755



Photos above shows the Participants in the event.



### Socio-Civic Assistance to Covid 19 Victims

IIEE-CRCSA through its program called BayanIIEEhan continues to provide assistance to victims of Covid-19 within Riyadh by giving either financial support or supply of some goods. Still, beneficiaries and contributors are to be kept unknown unless permitted by the concerned individuals.



Engr. Ezekiel Mendiola, Engr. Edwin Cayabyab and Engr. Luis Javier with some beneficiaries who are staff of a Filipino Restaurant on May 1, 2020.



Mr. Anacleto Isla, Engr. Ezekiel Mendiola and Engr. Luis Javier with some beneficiaries who are MEP workers of a contractor, and in the right is a salon worker on May 8, 2020.



Engr. Mel Greg Abejero, Engr. Edwin Cayabyab, Engr. Ezekiel Mendiola and Engr. Luis Javier with some beneficiaries who are mall workers here in Riyadh on May 15, 2020.

Some goods given to a member on May 13, 2020



Engr. Ezekiel Mendiola distributes some goods to our Kababayans and a member on May 21, 22 and 29, 2020

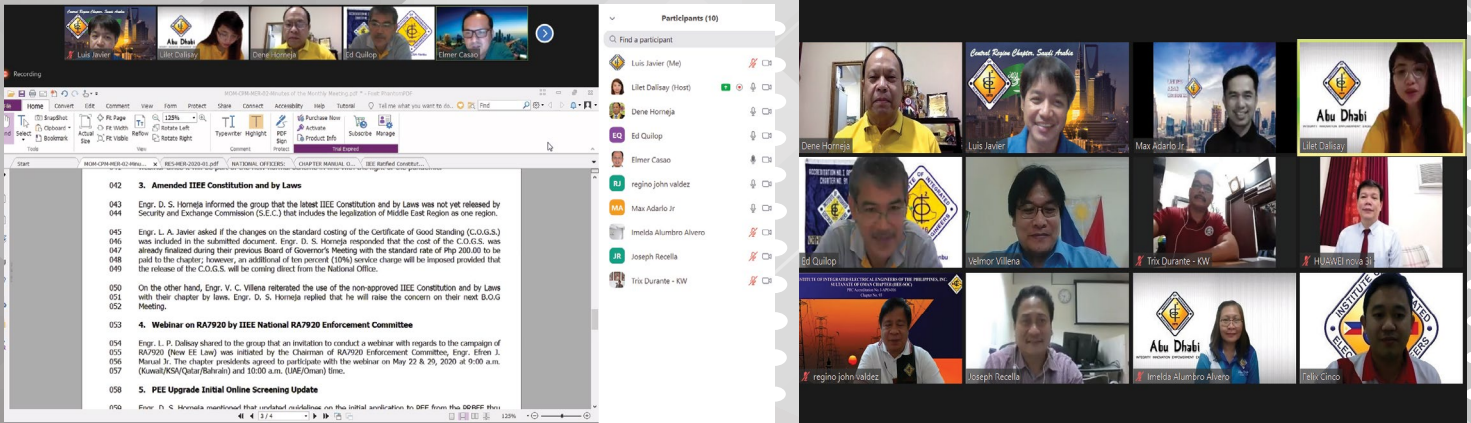




June 2020

### Middle East Region Chapter Presidents Meeting

Middle East Region led by Governor Engr. Dene Horneja had another online meeting on June 11, 2020 and IIEE-CRCSA Chapter President Luis Javier attended the said meeting.



Gov. Horneja presenting the MoM of Previous Meeting

### Chapter 5th Regular BOD Meeting

Chapter had its 5th Regular BOD Meeting as chaired by Chapter President Luis Javier on June 18, 2020.



BOD's and FP's during the Meeting

### IIEE-CRCSA AER B4 Aspirants

Institute of Integrated Electrical Engineer of the Philippines, Inc. Central Region Chapter, Saudi Arabia, with its Ad Hoc Committee for AER chaired by Former President Engr. Arnel O. Aguas had a follow up meeting with the aspirants on June 17, 2020 to discuss the comments received from National Office AAPER.



Committee members and aspirants discussing the status of their AER documents in a joint online meeting.





### **IIIE-CRCSA's Batch 8 PEE Aspirants Mentoring**

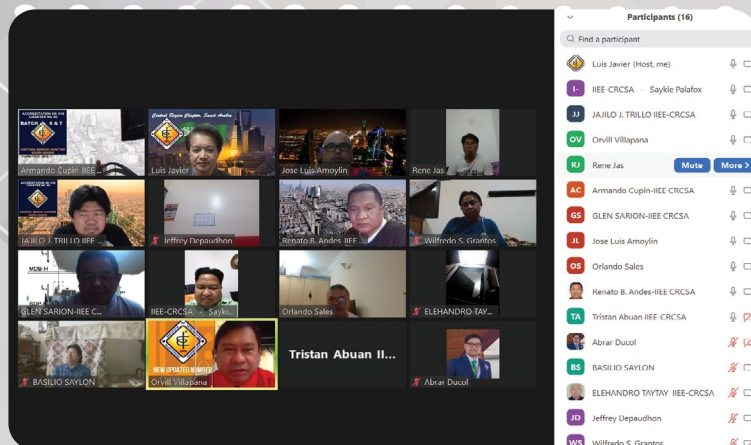
2020 Ad Hoc Committee on Professional Electrical Engineers led by Chairman Engr. Orlando Villapaña Jr. had its zoom meeting with the B8 Aspirants on June 16, 2020 not only discussing the status/progress of their TER's but concentrating more on the physical, emotional and other aspects affecting their journey.



Engr. Robert Supnet lecturing on Load Flow Analysis on June 20, 2020.

### **IIIE-CRCSA's Batch 6 & 7 PEE Aspirants**

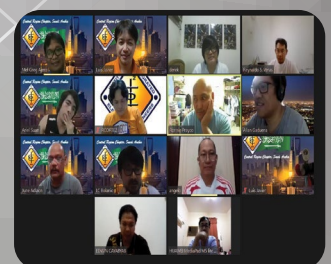
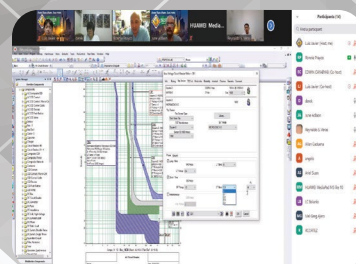
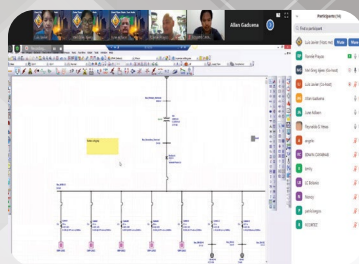
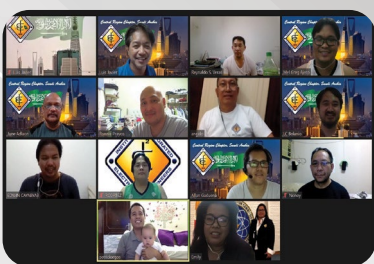
IIIE-CRCSA's Batch 6 and 7 PEE Aspirants are still on its way in achieving their dreams with continues guidance of the PEE Adhoc Committee led by Engr. Orlando Villapaña Jr.



Engr. Orlando Villapaña Jr. leading the Mentoring on June 30, 2020

### **IIIE-CRCSA's Batch 5 PEE Enhancement Training**

IIIE-CRCSA's Batch 5 Professional Electrical Engineers continued on-line discussions using zoom meeting on the use of ETAP which lasted until June 10, 2020. Said activity is also in preparation of the workshop to be conducted by the speaker, Engr. Ronnie Prayco, to the whole IIIE-CRCSA family.

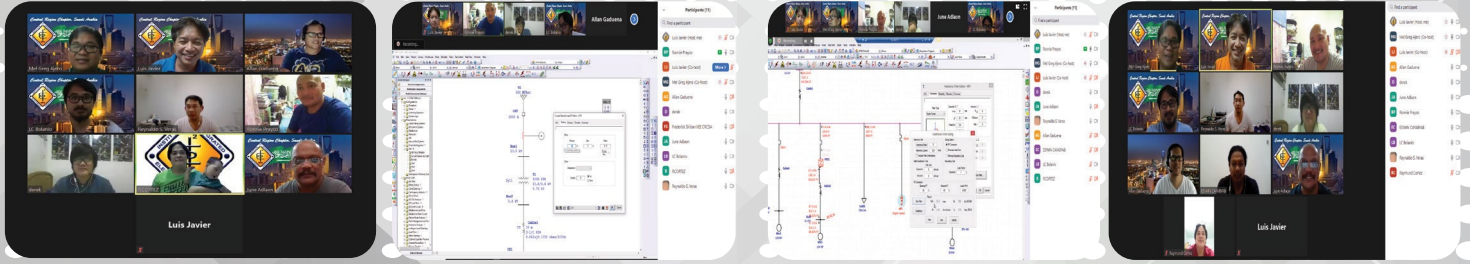


Engr. Ronnie Prayco discussing ETAP to the participants on June 2, 2020.

Continued presentation on ETAP by Engr. Ronnie Prayco on June 5, 2020.



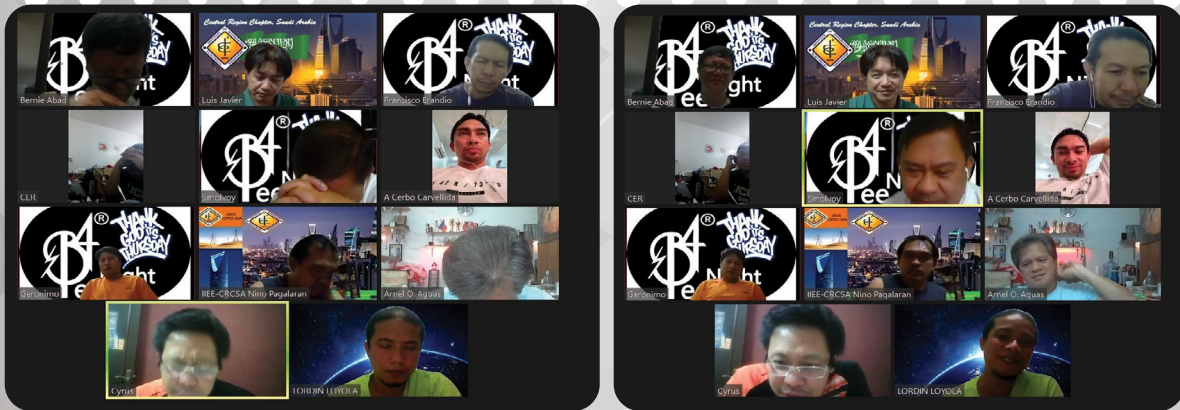




Series of ETAP Presentatons by Engr. Ronnie Prayco to PEE aspirants held on June 7 and 10, 2020.

## **IIEE-CRCSA's Batch 4 PEE Gathering**

Due to current pandemic, Batch 4 PEE's had individual conditional check with IIEE-CRCSA President Engr. Luis Javier on June 18, 2020.




Photos above shows Batch 4 PEE Praying Together and Individual sharing.

## **IIEE-CRCSA and BCBP**

IIEE-CRCSA continues to participate with Brotherhood of Christian Businessmen and Professionals (BCBP) through PRC BEE Chairman Hon. Francis Mapili and IIEE-MER Governor Engr. Dene Horneja, in their aim to strengthen spirituality and hence, emotional side of members especially as we face problems connected to current pandemic.

**BCBP MANILA ONLINE BREAKFAST**



**BRO. JOHN R. TROCIO**  
Manila Chapter  
"God is a God who Reigns. He is in Control"

06 June 2020  
Via ZOOM On-line Video Meeting

Photo above shows Engr. John Trocio, the sharer on June 6, 2020

**BCBP MANILA ONLINE BREAKFAST**



**BRO. JOYJOY SOSOBAN**  
MANILA CHAPTER  
"PERSEVERE IN LIFE, HAVE FAITH & TRUST IN THE LORD"

13 June 2020  
Via ZOOM On-line Video Meeting

Photo above shows Engr. Joyjoy Sobsoban, the sharer on June 13, 2020

**BCBP MANILA ONLINE BREAKFAST FIRST-TIMERS**  
SPONSOR: DENE HORNEJA / IIEE-CRCSA



**ADLAON, ABRAHAM JR. T.**  
IIEE-CRCSA - Riyadh, K.S.A.

**MAGLASANG, ERNESTO L.**  
IIEE-CRCSA - Riyadh, K.S.A.

**KONG, REYNALDO C.**  
IIEE-CRCSA - Riyadh, K.S.A.

**CORTEZ, RAYMUND O.**  
IIEE-CRCSA - Riyadh, K.S.A.

**ASSOCIATE BREAKFAST MEMBERS**



**RONALD** Martican  
Associate Breakfast Member  
MANILA CHAPTER

**JOEY** Dios Reyes  
Associate Breakfast Member  
MANILA CHAPTER

**ISMAEL** Ferrer  
Associate Breakfast Member  
MANILA CHAPTER

**ASSOCIATE BREAKFAST MEMBERS**



**ROBERT** Mabulay  
Associate Breakfast Member  
MANILA CHAPTER

**LUIS** Javier  
Associate Breakfast Member  
MANILA CHAPTER

**RICARDO** Napenas  
Associate Breakfast Member  
MANILA CHAPTER

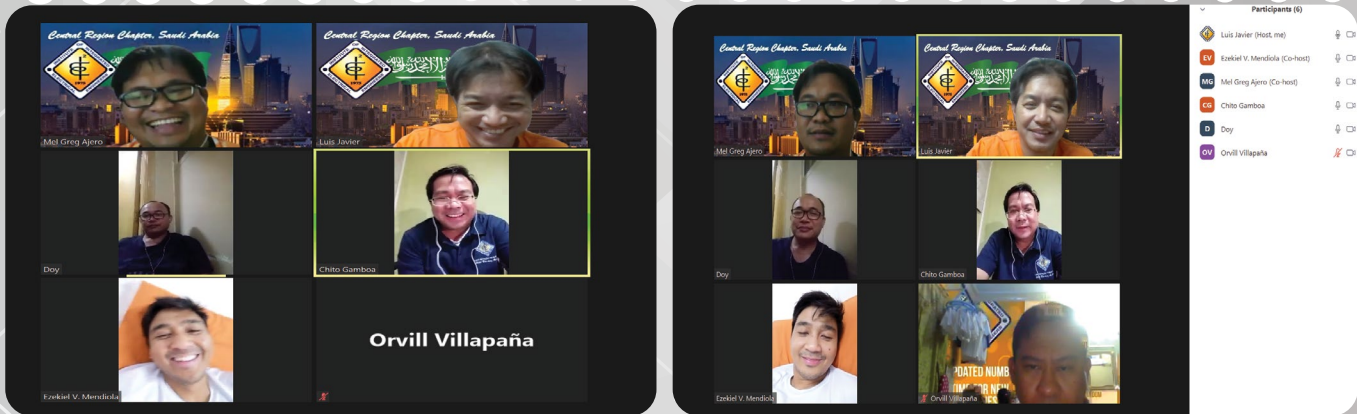
First Timers and Associate Members from IIEE-CRCSA on June 20 and 27, 2020



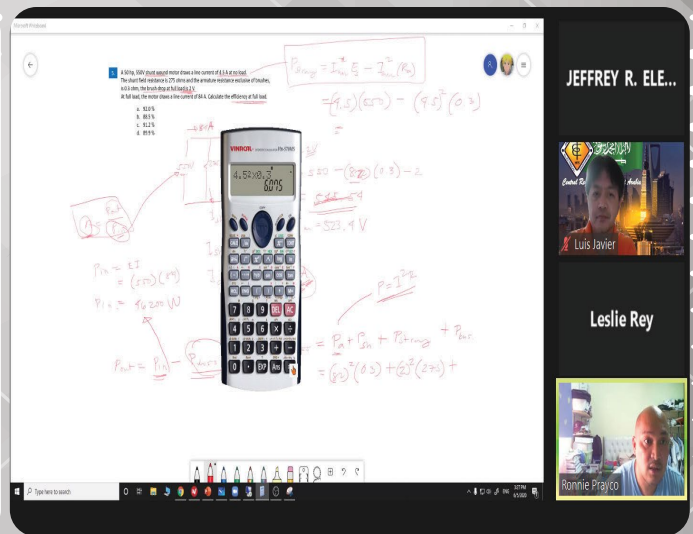
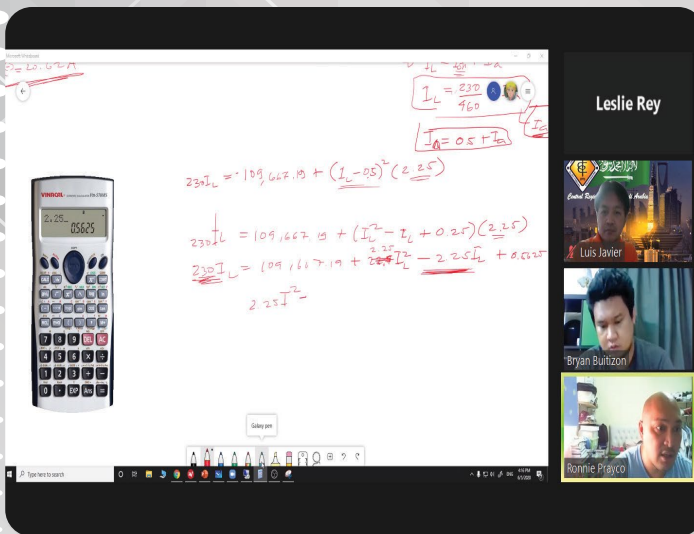


# SPLE Mentoring Class

On June 4, 2020, Engr. Luis A. Javier, Chapter President, hosted a meeting for the SPLE AdHOC Committee to discuss the upcoming RME Pre-board, Financial Status of SPLE and other matters.



The Pre-board for RME was successfully conducted on June 5, 2020 and the 22nd mentoring class for REE was also held with the topic on Transformers by Engr. Ronnie Prayco. The activities were facilitated by Engr. Edwin Cayabyab, Engr. Luis Javier, Engr. Ezekiel Mandiola, Engr. Mel Greg P. Ajero and Engr. Antero G. Gamayao.



REE Mentoring class instructed by: Engr. Ronnie C. Prayco



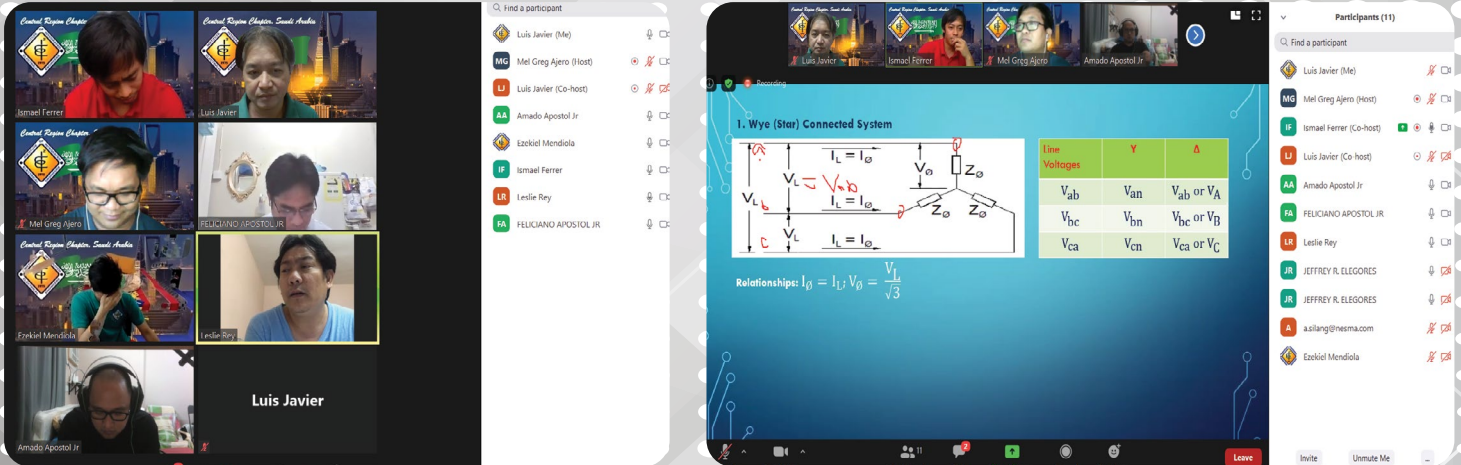
Prizes and Winners During RME Pre-board



RME Mentoring class During Pre-board



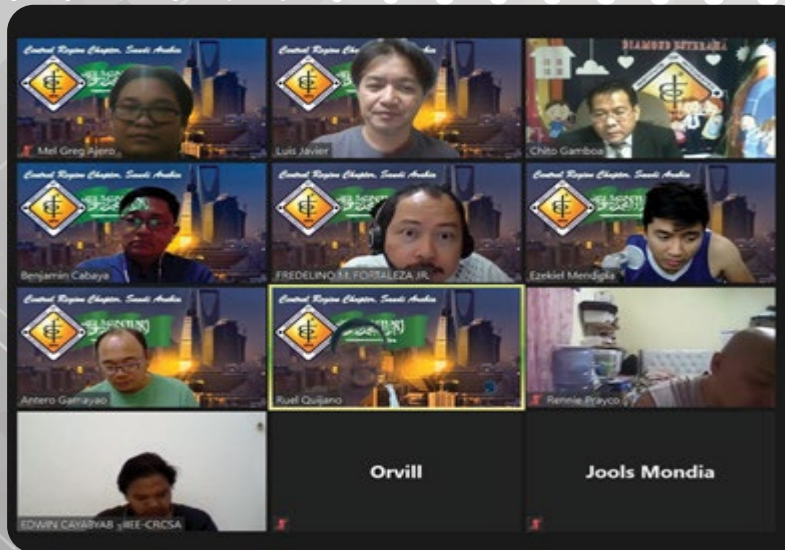
The 23rd mentoring class for REE was held on June 12, 2020 with Engr. Ismael Q Ferrer shared topic on AC Circuit (Polyphase)/Power Factor Correction. Also, on June 29, 2020, the 24th REE mentoring class on DC Motors was lectured by Engr. Ronnie C. Prayco. The SPLE Committee conducted another meeting on June 29, 2020 to evaluate the status of SPLE review/mentoring class.



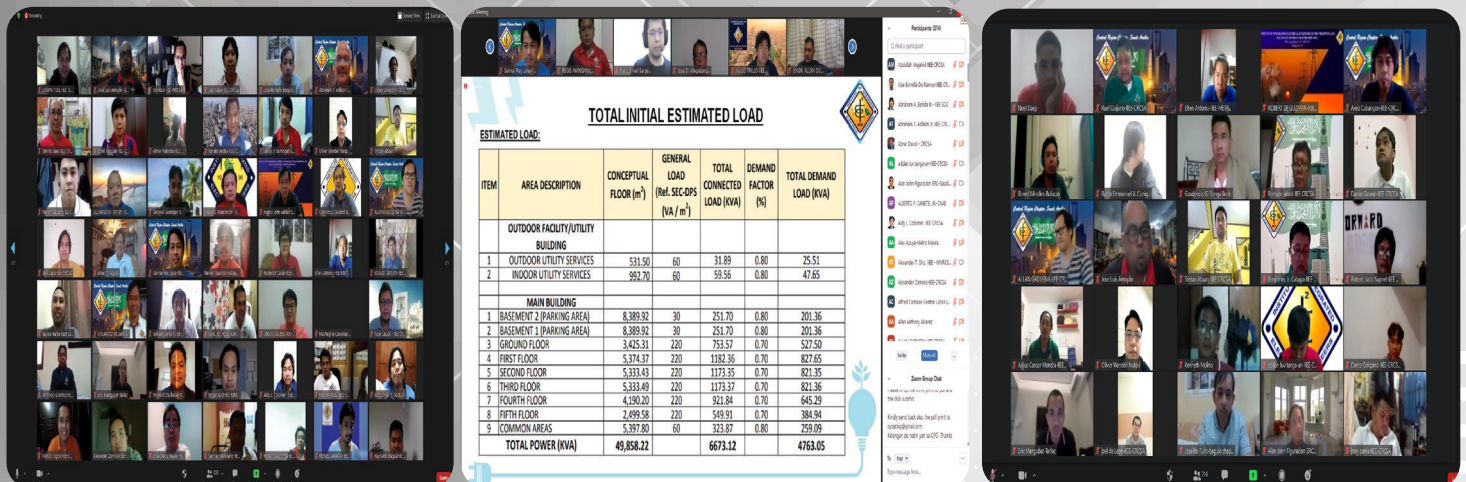
REE Mentoring class instructed by Engr. Ismael Q. Ferrer.

## IEEE-CRCSA's First Technical Webinar

IEEE-CRCSA had its First Technical Webinar entitled Basic on Preliminary/Concept Electrical Design on June 26, 2020. In preparation to said event, mock-up was done on June 24, 2020.



Key Personalities for the Event during the Mock-up



Participants and part of Engr. Romancito Gamboa's actual presentation on June 26, 2020





## Socio-Civic Assistance to Covid 19 Victims

IIEE-CRCSA continues to provide assistance to chapter members and started to give protective masks to family members.

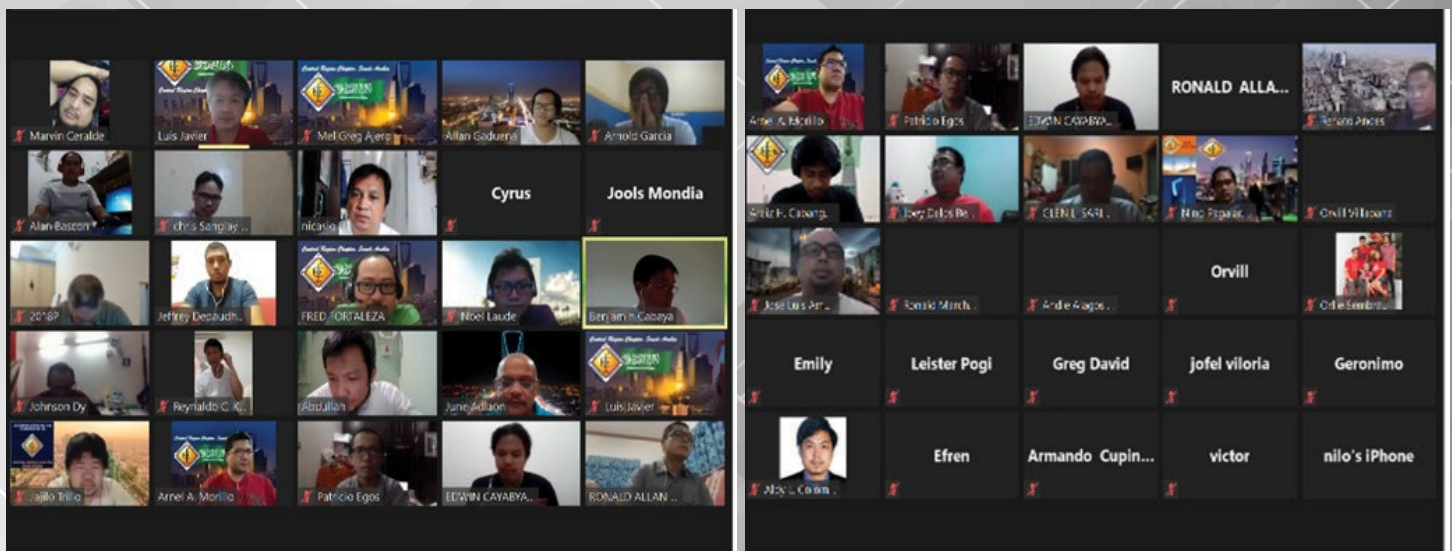


Engr. Ezekiel Mendiola giving the masks to RME 2019 Passers who helped in distributing to their group members on June 11, 2020.

Engr. Cyrus Bigcas receiving the masks for B4 PEE on June 13, 2020.

## Inter-Faith Prayer for Covid 19 Victims

To seek for Divine Guidance, IIEE-CRCSA gathered through zoom on June 25, 2020 in prayer led by leaders from different sectors, namely, Muslim, Born Again Christian, Baptist, Jehovah Witness, Iglesia ni Cristo, Seventh Day Adventist, Builders is God under Lord Reign Ministry and Roman Catholic. There had also time for sharing of individual situations/conditions as affected by the current pandemic.



Participants in the said Inter-Faith Prayer.

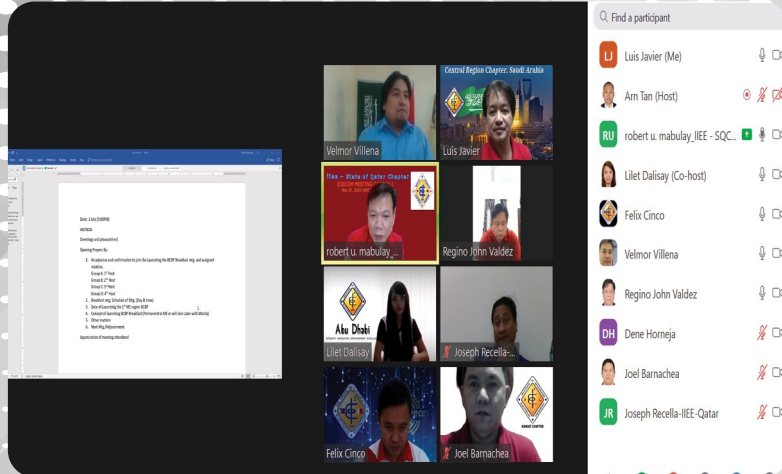




July 2020

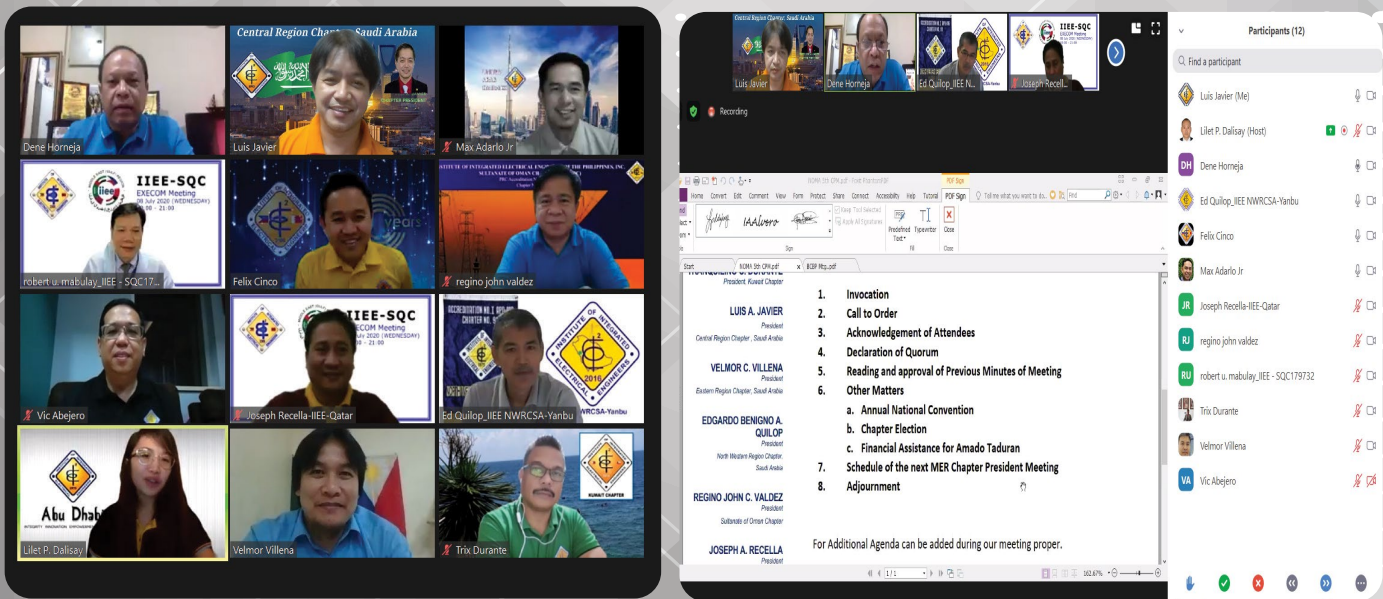
### Middle East Region Chapter Presidents Meeting

Middle East Region Former Governor Engr. Robert Mabulay called for an online meeting on July 03, 2020 and IIEE-CRCSA Chapter President Luis Javier attended the said meeting.



MER 2020 Presidents with Gov. Mabulay during the Meeting

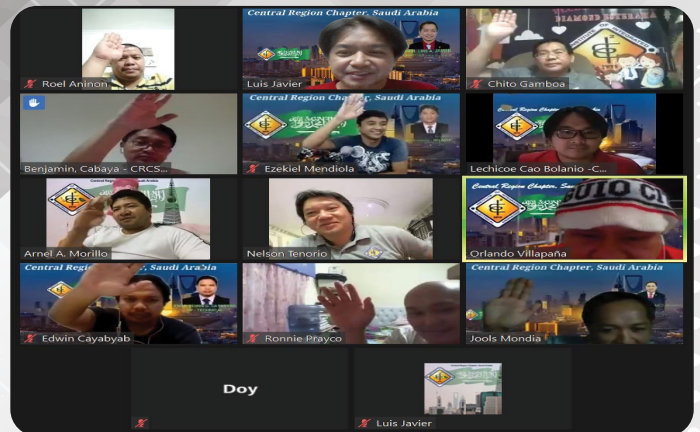
To continue the coordination among regional chapters, Middle East Region Former Governor Engr. Robert Mabulay led another online monthly meeting on July 09, 2020.



Gov. Horneja presenting the Agenda on the Meeting on July 09, 2020

### Chapter 6th Regular BOD Meeting

Chapter had its 6th Regular BOD Meeting as chaired by Chapter President Luis Javier on July 23, 2020.





## **IIEE-CRCSA 2020 President with the Former Presidents**

Seeking assistance in evaluating what has been already done during the first half of the year and advises for what further has to be improved or implemented in the next half, IIEE-CRCSA President asked for a discussion with the former Chapter Presidents on July 18, 2020.



Pres. Luis Javier with the Former Presidents

## **IIEE-CRCSA's Batch 9 PEE Applicants**

IIEE-CRCSA through PEE Adhoc Committee led by Engr. Orlando Villapaña Jr. started to talk to applicants who want to be part of Batch 9 PEE Aspirants.

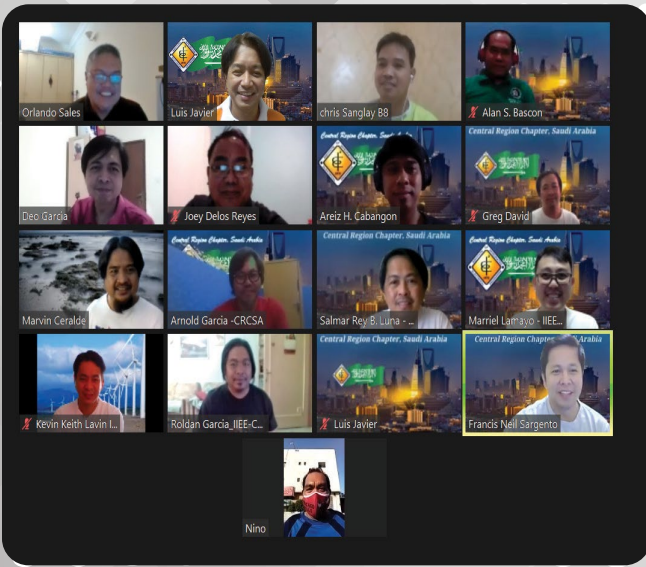


PEE Adhoc Committee with the Applicants in an Online Meeting on July 29, 2020

## **IIEE-CRCSA's Batch 8 PEE Aspirants Mentoring**

IIEE-CRCSA through its 2020 Ad Hoc Committee on Professional Electrical Engineers led by Chairman Engr. Orlando Villapaña Jr. continues to provide assistance/mentor Batch 8 PEE Aspirants with lectures and various advises discussed during several meetings..





Recording...

### EXAMPLE - 3

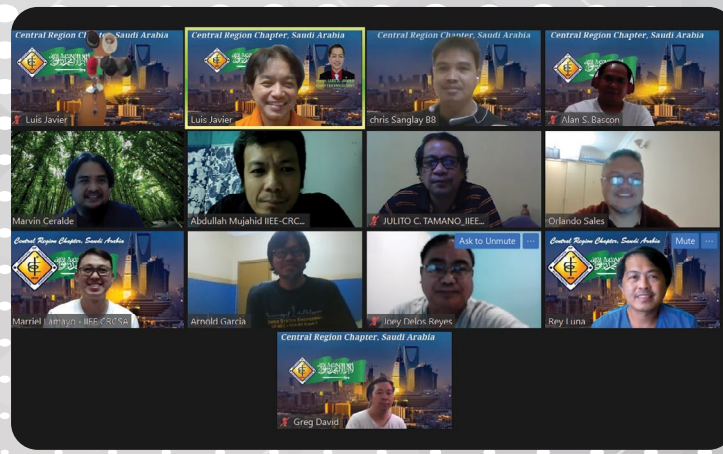
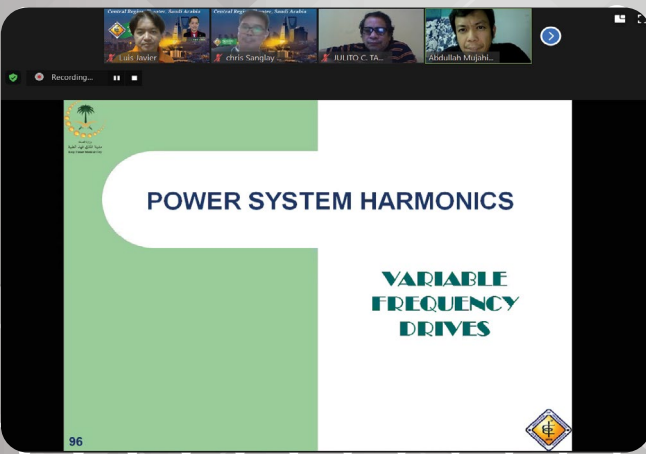
Local Point Outage Report

ID	Bus	Load Name	Connected Bus ID	Average Interruption Time	Average Interruption Duration	ENS	ECOST	LEAR
Bus 1	10A			0.4545	2.77	1.8133	0.0000	0.00
Bus 2	10A			0.0000	0.00	0.0000	0.0000	0.00
Bus 3	10A			0.0000	0.00	0.0000	0.0000	0.00
Bus 4	10A			0.1270	0.03	0.0860	0.1379	0.00
10A1	From Bus 4			0.1220	0.04	1.7840	0.1379	0.00
10A2	From Bus 3			0.0000	0.00	0.0000	0.00	0.00

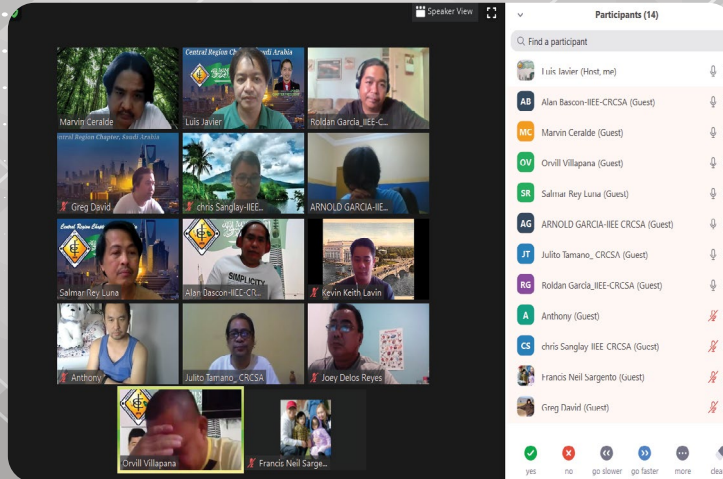
  

Failure Rate (A)	Repair Time per year	MTTR	MTTF	FOR	Average Failure Rate (A)	Annual Outage Duration (h)	Average Outage Duration (s)
Utility	0.043	4300	2	1.55523995	0.0001468	0.046	2.23
Breaker	0.003	175.2	50	133.333333	4.2000E-05		
Bus 1	0.001	4300	2	3.000	2.2011E-07	0.0545	1.813
Breaker	0.003	175.2	50	133.333333	4.2000E-05		
Cable 1	0.01	350.4	25	50	8.7070E-06		
Bus 2	0.001	4300	2	3.000	2.2011E-07	0.099	5.692
Transformer	0.015	43.0	200	66.6666667	0.00234247		
Bus 3	0.001	4300	2	3.000	2.2011E-07	0.099	5.692
Breaker	0.003	175.2	50	133.333333	4.2000E-05		
Cable 2	0.01	350.4	25	50	8.7070E-06		
Bus 4	0.001	4300	2	3.000	2.2011E-07	0.7275	6.569
Breaker	0.003	175.2	50	133.333333	4.2000E-05		
Motor	0.02	175.2	50	50	0.00021416	0.752	7.794

Engr. Areiz Cabangon Presenting Another Example for Power Reliability on July 04, 2020.



Engr. Abdullah Mujahid Discussing Power System Harmonics on July 10, 2020.



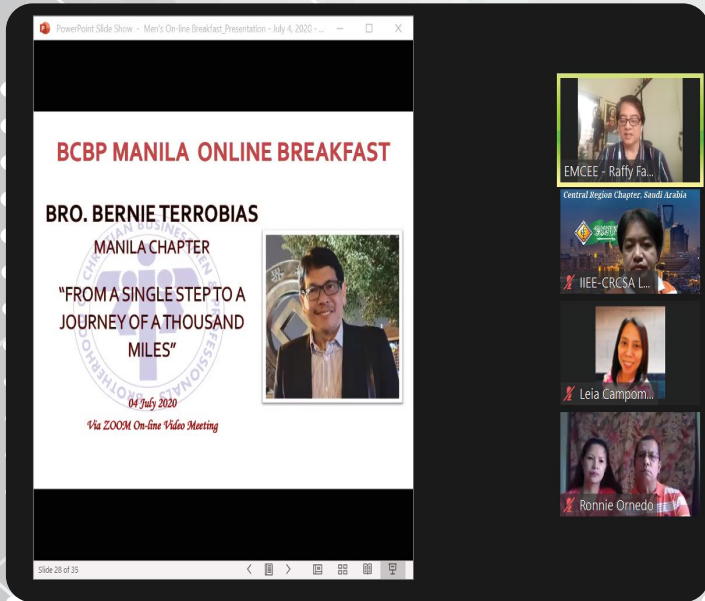
Engr. Anthony Irvin SE. Guiao Discussing Short Circuit Calculations on July 31, 2020.

## IIEE-CRCSA and BCBP

Every Saturday Breakfast with Brotherhood of Christian Businessmen and Professionals (BCBP) through PRC BEE Chairman Hon. Francis Mapili and IIEE-MER Governor Engr. Dene Horneja, has been always part of IIEE-CRCSA Saturday morning. It has been the source of revitalizing members spirituality for the whole week ahead and thanking for the blessings in the previous one.



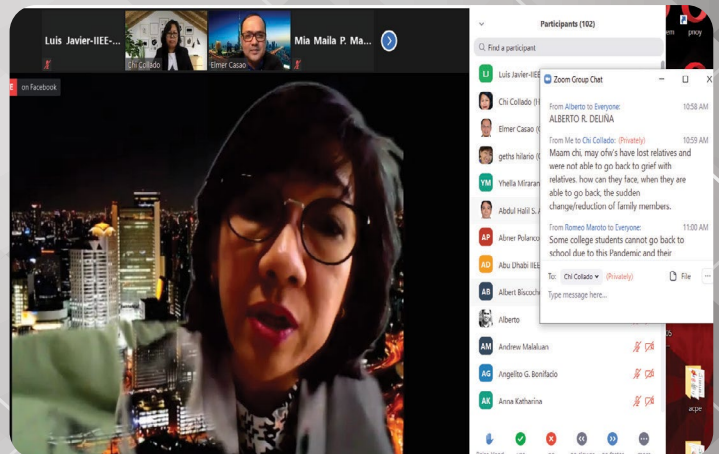
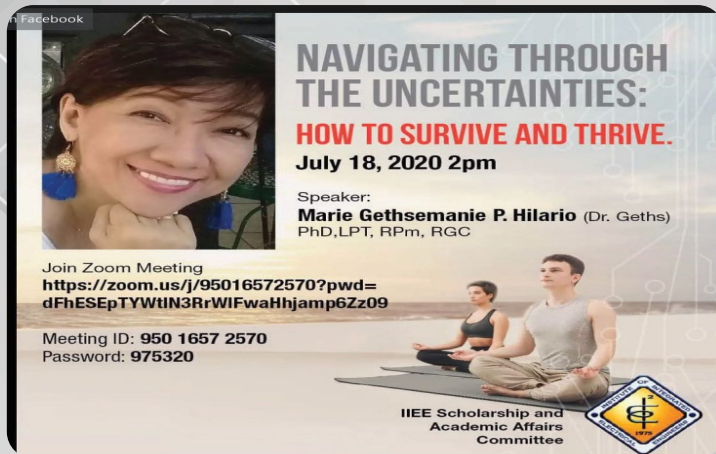




shows Engr. Bernie Terrobias, the sharer and participants

### IIEE-CRCSA and NO SAAC

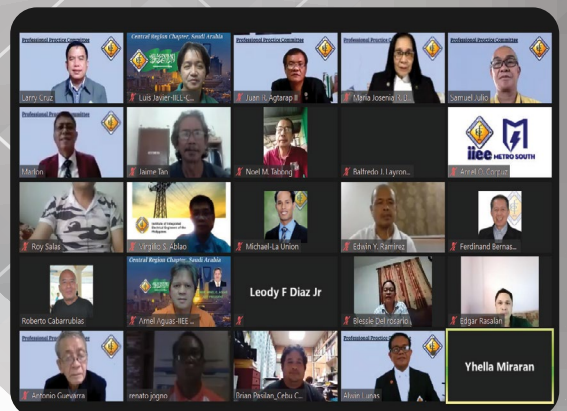
Navigating Through the Uncertainties: How to Survive and Thrive, a topic presented by Dra. Marie Gethsemanie P. Hilario on July 18, 2020 as organized by National Office Scholarship and Academic Affairs Committee. IIEE-CRCSA participated in the said event



Dra. Geths Responding to Some Questions from Participants

### IIEE-CRCSA and NO PPC

People when so occupied tends to forget the very basic teaching we have learned which is pertaining to Ethics, to GMRC (Good Manners and Right Conduct). With the purpose on replenishing this to individual minds, the Professional Practice Committee organized an Webinar on New Code of Ethics & Rules in Handling Complaints on July 25, 2020 and IIEE-CRCSA participated in the said event

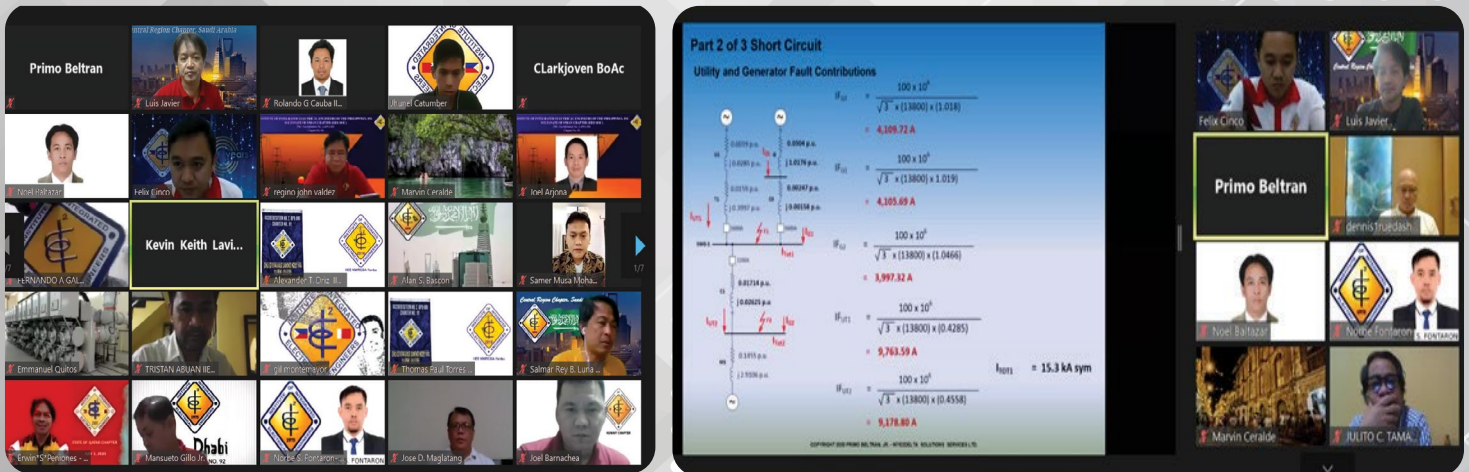


Engr. Larry Cruz Delivering his Speech, with Engr. Alwin Lunas facilitating the event.



## **IIEE-CRCSA & Bahrain Technical Webinar**

IIEE-CRCSA continued to participate/support Bahrain's Technical Webinar entitled ANSI/IEEE Short Circuit Part 2 on July 01, 2020 and Part 2 on July 03, 2020.



Engr. Primo Beltran delivering his discussion on July 01, 2020

## **IIEE-CRCSA's First Technical Workshop**

With the currently increasing demand for 3D design presentation and need to improve coordination, Revit has been the usual request of clients and/or companies. Knowhow on the Revit software has been the request for assistance of many IIEE-CRCSA members. Hence, on July 17 & 24, 2020, IIEE-CRCSA had its First Technical Workshop entitled Revit MEP Application in Electrical Design with Arch. Joel Morfe, RMP as instructor.



Left shows 2020 National Treasurer Feliciano Padua III Delivering his Speech as the Guest of Honor in the Part 1 of the event dated July 17, 2020. Right photo shows BEE Member Hon. Jaime V. Mendoza Sharing Some Inspirational Words on July 17, 2020



Arch. Morfe as He Discussed Topics for Part 1 of the Workshop Session to the participants on July 17, 2020







Former National Pres. Larry Cruz as He graced the Part 2 of the Technical Workshop on July 24, 2020.



MER Gov. Dene Horneja Delivering his Speech to the Participants on July 24, 2020



BEE Chairman Hon. Francis V. Mapile Addressing the Participants with His Inspirational Message on Part 2 of the Workshop on July 24, 2020.



BEE Member Hon. Jaime V. Mendoza Saying Inspirational Words on July 24, 2020



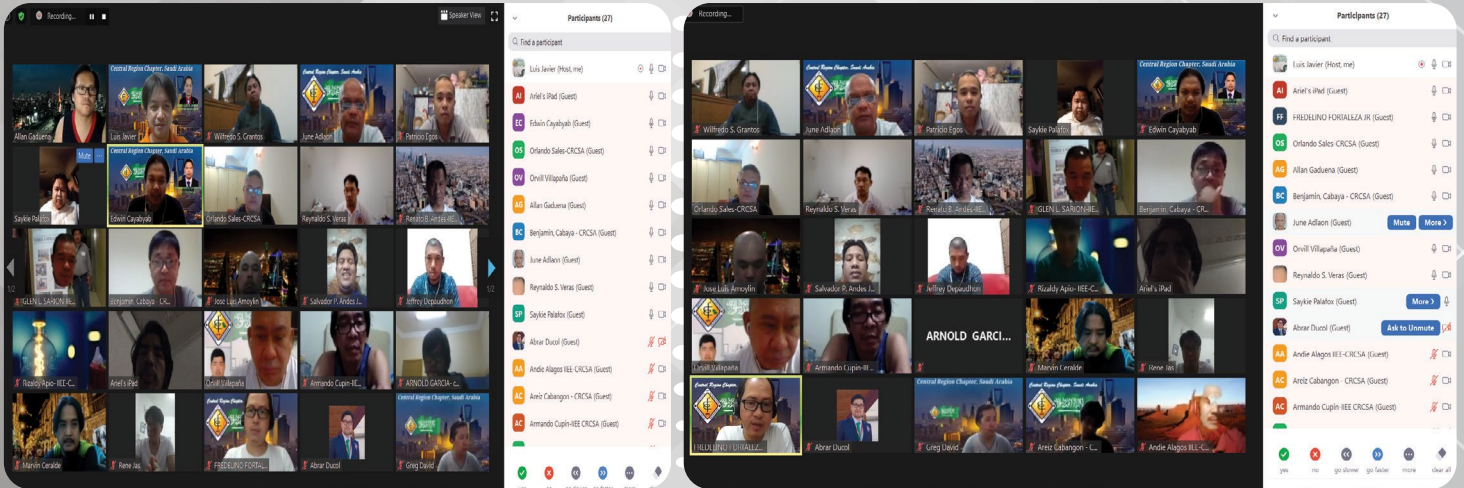
Participants of the Part 2 of the Workshop Session on Revit Software on July 17, 2020.



## Inter-Faith Prayer for Covid 19 Victims

Covid-19 pandemic still continues and still affects IIEE-CRCSA Family. Another gathering through zoom was then arranged to further seek for Divine intervention on July 21, 2020. Prayers were mostly led by members of the Batch 6 and 7 PEE Aspirants whose one of the Engr. Jajilo Trillo got infected and hospitalized.

There was still time for sharing of individual situations/conditions.



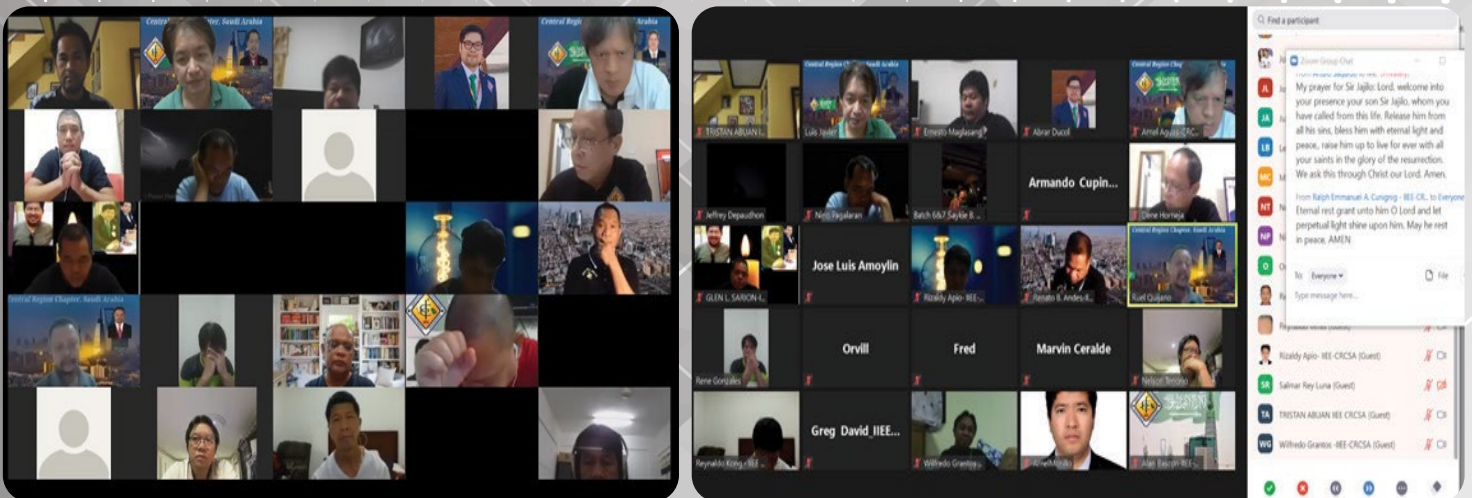
Participants in the said Inter-Faith Prayer.

## IIEE-CRCSA Loses a Family Member

Another sad moment came to IIEE-CRCSA family with a lost of Engr. Jajilo Trillo who passed away on July 29, 2020 due to Covid-19.

Group prayers was held on the same day with Engr. Trillo's batchmates in PEE B6B7 Aspirants saying memorable moments with Engr. Trillo.

Engr. Luis Javier also updated the group of the updates on discussions done with the Philippine Embassy Authority and Engr. Tillo's wife.



Group Praying for Engr. Trillo.





# ASEAN and Asia-Pacific Engineer Registers





The APEC Engineer Register is a scheme for enabling competent engineers to work freely across national borders, based on the APEC Engineer Project. If you register yourself as an APEC Engineer, it will prove that your Technical capabilities are sufficient to work overseas and provide great opportunities to promote your Professional Engineer careers in other countries.

## Objective of the Register

- Promote mobility of qualified engineers within APEC through mutual recognition of qualifications and experience based on substantial equivalence of engineering program satisfying the academic requirements for the practice of engineering at the professional level; and
- Establish a strong cooperative network among engineering organizations in APEC member economies, for trade services especially engineering services-growth and efficiency,

## Qualification Requirements

- be a holder of baccalaureate degree from an engineering institution considered as Center of Excellence or Central of Development or its equivalent;
- Be a holder of valid professional certificate of registration and/or professional identification card;
- Have gained a minimum of seven years practical experience since graduation, at least two years of which have been in responsible charge of significant engineering work;
- Maintain continuing professional development at a satisfactory level;
- Be a bonafide member in good standing of the Accredited Professional Organization (APO) in your profession, which APO shall be a member of the Philippine Technological Council.

## Registration Requirements

- Full name and date of birth
- Complete address
- Covering letter
- Curriculum vitae
- Copy of Diploma
- Engineering Practice Report (EPR), with certified Qualifications evidence of Qualifications Assessment
- Summary of Activities Claimed as Continuing Professional Development (CPD)
- PRC Certificate of Registration
- Valid PRC Professional Identification Card
- Certificate of Membership in Good Standing from IIEE
- Recent passport size photograph with white background with name written at the back
- Duly accomplished and signed application form

Note: Triplicate copies of the accomplished application forms, including copies of all supporting documents must be submitted; Letter-size (8-1/2"x11" inches) of paper not less than substance 20 (80 gms) thickness shall be used throughout; photocopies of large documents shall be reduced accordingly. Each set shall be submitted in a letter-size folder using clips or fasteners that require no perforations (holes) or adhesives in keeping the individual pages together, to facilitate re-arrangement, reproduction and final binding of the applications by the Assessment Staff during/after the processing of the application.

## Fees

- Application Fee: Php 2,500.00
- Registration Fee : Php 10,000.00 per 3 years



Under the ASEAN Mutual Recognition Agreement (MRA) on Engineering Services, a professional engineer or practitioner who holds the nationality of an ASEAN member country and who possesses qualification and experience that country comply with the requirements specified in the Assessment Statement may apply to be registered on the ASEAN chartered Professional Engineers Register (ACPER) and accorded the title of ASEAN Chartered Professional Engineer.

## Objective of the Register

- To facilitate mobility of engineering services professional; and
- To exchange information in order to promote adoption of best practices on standards and qualifications.

## Qualification Requirements

- Has completed a recognized engineering program or its equivalent in a higher educational institution authorized by CHED;
- Possesses a valid professional registration issued by the PRC;
- Has gained experience of not less than seven (7) years of active and practical engineering experience, at least two (2) years of which has been in responsible charge of significant engineering works;
- Has complied with the CPE/CPD policy at a satisfactory level;
- Has not been convicted or charged of any serious violation of technical, professional and ethical standards, local and international, for the practice of engineering or any crime which involves moral turpitude; and
- Has confirmed signature on statement of compliance with code of ethics.

## Registration Requirements

- Letter of Intent
- Duly accomplished ACPE Application Form No. 001-2013 with attached Certificate/s of Employment covering a period of not less than seven (7) years; Certificate of Project completion
- CPE/CPD Certificate of Credit Units Earned
- Copy of Diploma
- Certified True Copy of Transcript of Records
- PRC Certificate of Registration
- Valid PRC Professional Identification Card
- Certificate of No Pending Administrative Case Issued by PRC
- Certificate of Membership in Good Standing from IIEE
- Original Copy of valid NBI clearance
- Signed Statement of Compliance of Code of Ethics
- Recent four (4) passport size pictures, white background with name tag (coat and tie for men, blazer for women)

Note: Triplicate copies of the accomplished application forms, including copies of all supporting documents must be submitted; Legal-size (8-1/2"x13" inches) of paper shall be used throughout; photocopies of large documents shall be reduced accordingly. Each set shall be submitted in Clear book, complete with table of contents/tab.

## Fees

- Application Fee: Php 2,500.00
- Registration Fee : Php 5,000.00 per 3 years



# ASEAN Engineer Register

## About the AER

The ASEAN Engineers Register (AER) is on an important mission from 1998 to spearhead the mobility of engineers within ASEAN. This is in line with the ASEAN Secretarial Program for the liberalization of professional services within ASEAN to prepare for globalization under the World Trade Organization (WTO) initiative.

## Objective of the Register

To facilitate the mobility and professional practice of Engineers and Associate Engineers within the ASEAN;

- To safeguard and promote the professional interests of Engineers and Associate Engineers;
- To establish a database of the capability profiles of AER registered Engineers & Associate Engineers;
- To uphold the quality and standing of AER registered Engineers and Associate Engineers;
- To promote cultural and professional links among members of the engineering profession within ASEAN;
- To enhance the wealth creation process of ASEAN countries.

## Qualification Requirements

ASEAN ENGINEER (AE)

- MUST possess an Engineering/Engineering Technologist degree recognized by the home country;
- MUST be a full member of the Engineering or Technological Association and licensed to practice in the home country; and
- MUST have a minimum of seven (7) years post-graduate working experience in an engineering environment, of which a minimum of two (2) years will be of substantial charge.

## Registration Requirements

Cover Letter

- Curriculum Vitae
- Application and Registration Form
- Professional Experience
- Significant Engineering Work
- Continuing Professional Development
- PRC Certificate of Registration
- Valid PRC Professional Identification Card
- Certificate of Membership in Good Standing from IIEE
- Passport size picture

Note: Triplicate copies of the accomplished application forms, including copies of all supporting documents must be submitted; Letter-size (8-1/2"x11" inches) of paper not less than substance 20 (80 gms) thickness shall be used throughout; photocopies of large documents shall be reduced accordingly. Each set shall be submitted in a letter-size folder using clips or fasteners that require no perforations (holes) or adhesives in keeping the individual pages together, to facilitate re-arrangement, reproduction and final binding of the applications by the Assessment Staff during/after the processing of the application.

## Fees

Application Fee: Php 2,500.00

- Entrance – US\$ 50.00 • 3-yrs due – US\$ 100.00 or
- Entrance – US\$ 50.00 • Lifetime – US\$ 200.00

**ASEAN and Asia-Pacific ENGINEER REGISTERS**







# Technical Report

## CAN NUCLEAR POWER SOLVE ENERGY GAP IN THE PHILIPPINES? SCIENTIST EXPLAINS

Compiled by Rolando M. Nicolas, PEE, ACPE, ASEAN Engineer



*SOCHI, Russia — Being one of a handful of Southeast Asian countries planning to invest in nuclear power, the Philippines faces hurdles to taking a collective national position on whether the country really needs it.*

*The Philippines, with a population of more than 100 million people spread over 7,000 islands, aims to double its power generation capacity by 2030 to prevent major power failures experienced during the energy crisis in the 1990s.*

*But resorting to nuclear power to solve energy gap, according to Philippine Nuclear Research Institute (PNRI) Director Carlo Arcilla, remains a political issue.*

*Arcilla, a geoscientist and geotechnical engineering expert, was in Sochi, Russia to attend the 10th Atomexpo International Forum, a key exhibition event in Russian nuclear industry, organized by Russia's State Nuclear Energy Corp. (Rosatom).*

*PNRI, which serves as the country's regulatory body for nuclear and radioactive materials, explained that most Filipinos are nuclear power skeptics due to several factors. Two of them are particularly significant - the immensely high capital investment required and the public wariness on the risks associated with nuclear power.*

*Public sentiment on nuclear power plants has soured since the meltdowns at Fukushima and Chernobyl nuclear power plants that released significant amounts of radioactivity into their surroundings.*

*The role of nuclear energy has returned to the center of political debate as President Rodrigo Duterte expressed interest to revive the mothballed Bataan Nuclear Power Plant (BNPP) to preempt a supposed looming power crisis.*

### Nowhere to go but up

*The country's electricity rates remain one of the highest in Southeast Asia.*

*Latest available data from the Department of Energy show that the Philippines has the most expensive rates in the region, with P7.49 per kilowatt-hour (kWH) for commercial users and P8.90 kWH for households.*



## 2015 ASEAN ELECTRICITY RATES, IN PESO/KWH

COUNTRY	INDUSTRY	COMMERCIAL	DOMESTIC
Philippines	5.84	7.49	8.90
Thailand	5.37	5.37	5.52
Indonesia	1.66	2.15	1.29
Malaysia	4.71	4.97	6.02
Singapore	5.84	7.27	7.72

\*Note: Rates include GST (Tax)



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High power rates in the Philippines can be largely attributed to the absence of government subsidies unlike Thailand, Indonesia and Malaysia, the DOE report read.

"In addition, taxes, fees, and other charges are also levied on the power industry sectors composed of the generation, transmission, and distribution levels which constitute a portion on electricity rates in the Philippines," it added.

High electricity prices are also driven by imported fossil fuels, an analyst said.

The Philippines depends on imports for about 75 percent of its coal supply from neighboring countries such as Indonesia.

"The Philippines is heavily but needlessly over-dependent on coal, which is a losing gamble. The entire nation could be locked into two decades of paying for coal power it may end up not using," said Institute of Energy Economics and Financial Analysis (IEEFA) energy finance analyst Sara Jane Ahmed.

Despite the financial hazard, almost half (48 percent) of the country's installed electrical capacity is generated using imported fossil fuels in 2016.

The Philippines' current energy policies "pass on the costs of coal risk to consumers who are forced to shoulder higher electricity bills as a result," according to the IEEFA report.

### **The white elephant**

What will it take to convince people that nuclear is good?

The answer, according to PNRI chief Arcilla, lies in answering another important question — how safe is nuclear power?

To address this issue, Arcilla emphasized the need to put forward radioactive waste management for discussion.







"It's not like you're hiding something. The science is good. I know because I am deeply involved in it. And so I'm saying 'why are we not talking about it [nuclear waste disposal]'," Arcilla told reporters on the sidelines of the Atomexpo 2018.

"If we have a nuclear power program in the Philippines, I will recommend to the president that if you license the plant, also start licensing the beginnings of waste disposal at the same time," he said.

Part of the public opinion worldwide considers the waste generated from nuclear applications, which pose serious risks to health and the environment.

Arcilla, a proven expert in the field of geology, has been involved in nuclear-related research, particularly in the study of nuclear waste disposal for more than a decade.

"It's (nuclear power development) like putting up a mansion without toilets if you're not talking of radioactive waste," he said.

Arcilla, during a round table discussion, proposed to isolate an island for nuclear waste disposal. "Putting up deep bore holes in an island can be done as we have the expertise to do that," the PNRI chief said.

After placement in the repository about 600 meters deep in the bedrock, the container would be surrounded by a bentonite clay buffer to provide a very high level of containment of the radioactivity.

Bentonite is a natural geological material that has been stable over timescales of millions of years.

### **How cheap can it get?**

While talks on nuclear safety play a significant role, cost is another big issue for developing nations such as the Philippines.

In 2003, the Massachusetts Institute of Technology (MIT) estimated that the "overnight cost" or the cost of a plant without financing would be US\$2,000 per kilowatt. MIT, in their updated study released in 2009, estimated the cost at US\$4,000 a kilowatt. Same study found that "since 2003... the estimated cost of constructing a nuclear power plant has increased at a rate of 14 percent per year."

But proponents of nuclear power said that the cost may become more competitive in the long run. "The greatest weakness of the nuclear industry is the upfront cost which requires stability, both in the government and your suppliers. You'll be putting up huge billion dollar investment, which will be very cheap in the long run, assuming that you have the long run," Arcilla said.



*Cost overrun occurs when players interfere with the nuclear power development.*

*"That's why it (nuclear power plant) become very expensive, so that's the risk there," he said.*

*The construction of the 620-MW Bataan Nuclear Power Plant, which sits atop 3.5-square kilometer government property at Napot Point in Morong Bataan province, overlooking the South China Sea, cost \$2.3 billion.*



*The Bataan Nuclear Power Plant is the only nuclear power plant in the Philippines. It was mothballed in 1986 due to safety concerns in the wake of the meltdown at the Chernobyl power plant in Russia. File photo.*

*The Energy department estimated the cost to revive BNPP at US\$1 billion.*

*Arcilla noted that the Philippines cannot rely on fossil fuel energy sources alone and has to include nuclear power to its energy mix as the Malampaya gas field is expected to dry up by about 2024. Moreover, possible joint-exploration between the Philippines and China in the gas-rich Reed Bank in the South China Sea is yet to advance.*

*Renewable energy such as wind and solar, on the other hand, may fluctuate with the weather and time of day, overproducing electricity at times and coming up short at other times.*

*The PNRI chief said the generation cost of nuclear power is one-tenth that of coal.*

*"One pellet of uranium is equivalent to one-and-a-half tons of coal. So for the whole 18 months that you power a nuclear power plant, the fuel will fit in my pick-up truck. Equivalent coal will be five ships of 50,000 tons," he said.*

*Distribution charge of electric power distribution companies is not yet included in the equation.*

### **Other nuclear option**

*The Philippines as an archipelagic state could be an advantage in developing a nuclear power*







Since the Philippines is composed of many islands, several nuclear options can be considered in providing electricity. One of these is Russia's sea-based floating nuclear power plant (FNPP). Called "Academik Lomonosov," the plant owned by Rosatom, is considered a breakthrough technology which could provide electricity and heat to areas with difficult access. It has two KLT-40S reactor units that can generate up to 70 MW of electric energy and 50 Gcal/hr of heat energy during its normal operation.

In a press statement, Vitaly Trutnev, director of Directorate for the Construction and Operation of Floating Nuclear, Rosatom's subsidiary said that the product is a "significant milestone" for the nuclear industry.

"Building upon three hundreds of reactor-years of safe operation of units powering icebreakers, FNPP features the most cutting edge safety and security systems and is expected to be one of the safest nuclear installations in the world," he said. In a press conference at the 10th Atomexpo International Forum, Philstar.com asked about safety procedures for floating nuclear power plants. Being situated on the Pacific Ring of Fire, the Philippines has to cope with constant risk of volcanic eruptions, earthquakes, typhoons and tsunamis. Rosatom Director General Alexey Likhachev said that safety is at the very top of their priority when developing "Academik Lomonosov," which followed the standards of the International Atomic Energy Agency (IAEA).

"We were interested most of all into the solidity of the vessel of reactor of nuclear power plant and therefore, the standards of safety are to withstand the earthquake of magnitude 11, 12... And the same power of tsunami," Likhachev said in Russian.

"Not because we have this sort of tsunami in the Arctic region but because the initial idea was to put this product into international market, including for the intention of such country such as yours (Philippines)," he added. In 2017, Rosatom and the Energy department signed a memorandum of understanding on cooperation to explore "possibilities for the construction of land-based or floating nuclear power plants equipped with small modular reactors" in the Philippines.

### Long way to go

The Philippines, at this time, has a lot of work to do in developing a nuclear power policy. Besides government commitment, Arcilla noted that there is a need to work on public acceptance, which remains a major challenge to nuclear power. "If a decision to use nuclear power is done, it will be controversial. It will have to be a political decision and championed by the executive government," the PNRI chief said. "It is a decision that brings along with it many preparatory milestones involving not only the energy sector but huge swaths of changes in government laws, financing, regulation, environmental concerns and most importantly, social acceptability," he added.

\* Philippine Nuclear Research Institute Director Carlo Arcilla discusses the importance of radioactive waste management in developing a nuclear power program for the Philippines. He is among the speakers at the 10th Atomexpo International Forum held in Sochi, Russia. Philstar.com/Kristine Daguno-Bersamina May 22, 2018

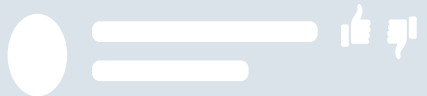




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