

We're on the Web Visit us:

www.iecep-ksa-crc.org

www.eservices.iecep-ksa-crc.org/account

www.facebook.com/groups/iecepksacrc/



Institute of Electronics Engineers of the Philippines
Kingdom of Saudi Arabia - Central Region Chapter

Accreditation No. 25, Chartered 2010
Six-time Most Outstanding Foreign Chapter (2013 – 2017 & 2019)
www.iecep-ksa-crc.org



As low as
SAR 1,800*

FLY TO MANILA, CEBU AND DAVAO
FROM DAMMAM AND RIYADH.



<https://www.facebook.com/PALSaudiArabia/>



http://bit.ly/IECEPKSACRC_Technical_Seminar_Evaluation_Form

IECEP
KSA
CRC

ELECTRONICS PRACTITIONERS OF RIYADH

VOL. 2, ISSUE NO. 4,
DECEMBER 2019

9th Annual General Membership Meeting

THEME: "ECE Professionals: Next Generation Leaders in Expanding Opportunities for the Digital Economy"



- ADVANCED LEVEL ENGINEERING PROGRAM
- AGM/OATH TAKING-PECE/ECE/ECT
- GOVERNOR'S REPORT
- FEATURED ARTICLES
- SPORTS PROGRAM
- SPLE PROGRAM
- ETEEAP
- IECEP CARES



6-Time Most Outstanding
Foreign Chapter

2013 | 2014 | 2015
2016 | 2017 | 2019



**9TH IECEP-KSA-CRC ANNUAL GENERAL MEMBERSHIP MEETING
& OATH TAKING CEREMONIES OF PECE, ECE & ECT
December 6, 2019
Four Points by Sheraton, Riyadh, Saudi Arabia**

7:00am – 8:00 am	REGISTRATION	SECRETARIAT
8:00am-10:30am	PART 1 OATH TAKING CEREMONIES	
	Parade	Past Governors Board of Directors PRB BECE Chairman Oath Takers
	Invocation	Jonathan Deo M. Aquino, PECE
	National Anthem	On-Video
	PRC Hymn	On-Video
	Welcome Address	Leo Vincent G. Lao, PECE Chapter Vice Governor-Internal Chairman, 9 th AGM Meeting
	Introduction of Inspiration Speaker	Teruyuki P. Ito, Jr. PECE Chapter Vice Governor Education
	Message of Inspirational Speaker	P/Col. Faro Antonio O. Olaguera Police Attache' Philippine Embassy
	Introduction of Guest of Honor	Jun Silvestre G. Calomarde, PECE Chapter Secretary General
	Message of Guest of Honor	Hon. Paolo R. Zurita Vice Consul & 3 rd Secretary Philippine Embassy, Saudi Arabia
	Introduction of Keynote Speaker	Frederick G. Roxas, PECE
	Message of Keynote Speaker	Hon. Dr. Alnar L. Detalla Chairman Board of Electronics Engineering - PRC
	Presentation of New PECE, ECE & ECT	On-Video
	Charging of New PECE, ECE & ECT	Emmanuel R. Yumul, PECE 2016 Chapter Governor
	Oath of Professional & Pledge of Professional	Hon. Dr. Alnar L. Detalla Chairman Board of Electronics Engineering - PRC
	Oath Taking of New Members	Tim Artemio N. Dy, PECE Chapter Governor
	Response from Oath Takers	Grayne Angel S. Panitan, ECT Julie Andrew M. Gonzaga, ECE Meynard M. Pesig, PECE
	Message of Inspiration	Mario A. Balboa, PECE 2010 Founding Chapter Governor
	Closing Remarks	Arnold Silvestre C. Salcedo Chapter Director
9:00 am	Close of On-line Voting - 2020 BOD Election	

2019 BOARD OF DIRECTORS & WORKING COMMITTEES



PAST CHAPTER GOVERNORS



Working Committees

CPD/Technical Seminars:
Chairman-Antonio Retuta
Member-IPG Emmanuel Flores

SPLE:
Chairman: Teruyuki Ito Jr.
Members-Instructors & Task Force

Finance/Sponsorship/Marketing:
Chairman-Edgar Guerrero
Members-Nelson Navarro, Emmanuel Cerdan,
PG Mario Balboa

Ways and Means/Technical:
Chairman-Brian Lacaba
Members-Gil Lopez, Leo Argoso Jr.

Membership:
Chairman- Leo Vincent Lao
Members-Perry Camson, Michael Bantilan

Advance Level Eng'g Upgrades:
Chairman-PG Emmanuel Yumul
Member-Jonathan Aquino

ETEEAP:
Chairman-Arnold Salcedo
Members-Ronnie Escobal, Sam delos Santos, Ral-
don Burbano

Sports:
Chairman-Dodjie Vibar
Members-Ricardo Garcia, Nelson Navarro

Publication/Website/Social Media:
Chairman-Leo Argoso, Jr.
Member-Jun Sil Calomarde

PPO:
Chairman- Artemio Dy & Members- VGs Leo Vin-
cent Lao, Nelson Navarro & Teruyuki Ito Jr.

AGM Working Committee

Chairman— Leo Vinz Lao
Programme/Oath-taking— Jun Silvestre Calomarde
Invitations— Tim Dy & Jun Silvestre Calomarde
Registration— Emmanuel Cerdan/Rodel Pauya
Technical— Jonathan Deo Aquino
Publicity— Leo Argoso Jr.
Video Publicity— Brian Lacaba
Finance - Edgar Guerrero
Tour - Meynard Pesig/Eric Roxas

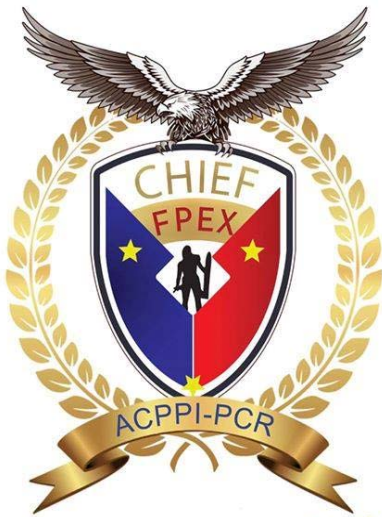
Newsletter Committee

Electronics Practitioner of Riyadh
Publisher— Jun Silvestre Calomarde
Editor — IPG Emmanuel Flores
Contributors:
Jonathan Deo Aquino, Nelson Navarro, Arnold Salcedo
Leo Vincent Lao, Leo Argoso Jr., Jun Silvestre Calomarde,
Meynard Pesig, Tony Villafuerte
Layout— IPG Emmanuel Flores, Mark Don Gale, JMC
Proof Readers— Tim Dy, BOD

**CONGRATULATIONS to IECEP-KSA-CRC on your
9th Annual General Membership Meeting !!**

FPEX

Federation of Professionals & Expatriates



Philippines
and the
Middle East

"To Serve &
Protect"



ACPPI

ASSOCIATION OF CHIEFS OF POLICE OF THE PHILIPPINES
GLOBAL POLICE COMMUNITY RELATIONS

**PHILIPPINE PROFESSIONAL ORGANIZATION
CENTRAL REGION, SAUDI ARABIA**

2019 EXECUTIVE OFFICERS

 ARTEMIO N. DY PECE, IECEP PPO - CHAIRMAN	 JOSEPH Y. UY CE, PICE PPO SECRETARY GENERAL
 LYNDON D. BAUTISTA PME, PSME PPO VICE CHAIRMAN	 EDNA O. DIZON CPA, PICPA PPO TREASURER
 ORLANDO M. SALES PEE, PICE PPO IMMEDIATE PAST CHAIRMAN	 MC JONEL M. BONUS AR, UAP PPO AUDITOR

COUNCIL OF PRESIDENTS

 NELSON J. TENDARIO PEE, PICE PPO MEMBER	 ALINA ARTICULO DR, FILNASA PPO MEMBER	 ARIEL C. CASTRO AR, MBAP PPO MEMBER	 MARILYN E. COSTUNA COMSOFL PPO MEMBER	 VENUS R. KUDIYA DR, FDK PPO MEMBER
 FERNANDO A. AGUINALDO GE, GEP PPO MEMBER	 MELVIN CANDELARIO CE, AFPEK PPO MEMBER	 ESTEBAN B. PORTES CE, PICQS PPO MEMBER	 MARY GRACE MENDOZA FTASA PPO MEMBER	 DWIGHT N. GABRIEL RTR, ARCFF PPO MEMBER
 ELADIO B. REFIL AR, PIEP PPO MEMBER	 ALSHAH RENET S. NOVISTEROS FILPT PPO MEMBER	 JOEL R. MORFE RMP, FORCE PH PPO MEMBER	 GLESILDA C. TORRES IMAPSA PPO MEMBER	

ADVISERS: PAST CHAIRMEN

 ELADIO B. REFIL AR, UAP CHAIRMAN - 2011	 RICARDO M. NICOLAS PEE, PICE CHAIRMAN - 2012	 MODESTO N. GIBAS PECE, IECEP CHAIRMAN - 2013	 ROWELL G. SOMIDO PME, PSME CHAIRMAN - 2014	 JOJO T. UTRAM CE, PICE CHAIRMAN - 2015	 DANILO P. TENEPETE CPA, PICPA CHAIRMAN - 2016	 ROLANDO C. MANUEL AR, UAP CHAIRMAN - 2017
---	--	--	--	--	---	---

10:30am-12:30am

**PART 2
ANNUAL GENERAL MEMBERSHIP MEETING**

IECEP-KSA-CRC Executive Report

Artemio N. Dy, PECE
Chapter Governor

Leo Vincent G. Lao, PECE
Chapter Vice Governor Internal

Nelson M. Navarro, PECE
Chapter Vice Governor External

Teruyuki P. Ito Jr.
Chapter Vice Governor Education

Declaration of 2020 Board of Directors

Emmanuel C. Flores, PECE
Comelec Chairman

TECHNICAL SEMINAR - 1
Security Systems
(General Requirements in Industrial
Facilities as per HCIS)

Constantino V. Acance, Jr. PECE
Technical Resource Speaker

12:30pm-1:30pm **Lunch Buffet/Live Band/Raffle Draw**

1:30pm – 2:00pm Oathtaking of 2020 Board of Directors

2:00pm – 4:00pm **PRC Hour (Latest Update)**

Hon. Dr. Alnar L. Detalla
Chairman
Board of Electronics Engineering
PRC

4:00pm-6:00pm **TECHNICAL SEMINAR - 2**
Embedded Systems for IoT

Enrico L. Manalo, PECE
Technical Resource Speaker

6:00pm **Closing Ceremonies**

2019 Board of Directors

Awarding of Certificates/Plaques

Raffle Draw - Major Prizes
(1) 32" LED TV
(1) PAL Round Trip Ticket

Closing Remarks

Nelson M. Navarro, PECE
Chapter Vice Governor External

Ms Glesilda C. Torres & Ryan Comandante
Mistress & Master of Ceremonies

PROGRAMME



MALACAÑAN PALACE
Manila

MESSAGE



My warmest greetings to the Institute of Electronics Engineers of the Philippines-Kingdom of Saudi Arabia Central Region Chapter as it holds its 9th Annual General Membership Meeting.

I commend your organization for consistently pursuing viable endeavors that uphold greater competence and excellence in electronics engineering. By ensuring the professional development of your members, you have enabled them to attain wider opportunities in the rapidly changing digital economy.

May this gathering foster greater camaraderie and collaboration as you build a strong group of Filipino electronics engineers in Saudi Arabia. It is my sincere hope that your shared resolve to advance your specialized field will embolden you to actively participate in our pursuit of societal and technological growth, both in our country and abroad.

I wish you a successful event.

Manila
6 December 2019

RODRIGO ROA DUTERTE

THE PRESIDENT OF THE PHILIPPINES

UFTBR Bowling for A Cause

IECEP-KSA-CRC partakes the United Filipino Tenpin Bowlers of Riyadh (UFTBR) Bowling for a Cause that aims to raised funds to help distress OFW's in Bahay Kalinga.

CRC represented by two teams battled and had fun in the bowling tournament.



1st PPO Golf Clinic

IECEP-KSA-CRC joins the 1st ever PPO Golf Clinic hosted by the Filipino Golfers Association-Riyadh Chapter last November 16, 2019 at the Riyadh Golf Course in Banban, Riyadh. The event was participated by fellow professionals from PSME, PICE and UAP.

Headed by Gov. Tim Dy together with PG Noel Yumul, SG Junsil Calomarde, Dir. Lei Argoso and Michael Bantilan, the IECEP team mostly beginners learned the basics of golf and actual driving on the range. Later in the afternoon, a mini tournament was held on the greens with Michael Bantilan winning the top prize.



PPO-CRSA Corner - An IECEP-KSA-CRC Leadership

Jaguars bags 3rd Runner-Up Finish

The Philippine Professional Organization (PPO) Central Region Saudi Arabia held its 16th basketball tournament. This year's theme is to "STRENGTHEN THE CAMARADERIE AND FRIENDSHIP WITH PROFESSIONAL'S ORGANIZATION THROUGH BASKETBALL COMPETITION". The event was participated by 11 different professional organization headed by PPO-president from IECEP-KSA-CRC Engr. Tim Dy thru sports committee chairman from PSME-CRC-SA Engr. Francis Rosete. The tournament was held at Zahret Al Sharq Hotel basketball court every Tuesday & Saturday evening from 7:00 pm to 11:00 pm, each night there were 3 games and being officiated by Kabayan Basketball League (KBL).

The PPO basketball tournament is held every year thru the cooperation of every member of Professional organization, this year there are 11 teams who participated in the event. IECEP-KSA-CRC supported and join this year's tournament.

This year, IECEP Jaguar finishes the top 1 team during the elimination round with 8-2 win/loss record. Unfortunately, we were not able to reach our goal which is no less that the Champion of the tournament. IECEP Jaguars finishes 3rd place in the PPO basketball tournament. Tournament Best Steal Award went to Point Guard Kelvin Reyes. IECEP Jaguars Basketball Team will try again next year to win the Championship. IECEP WIN!



PPO THANKSGIVING PARTY held last November 22, 2019. A celebration of a very successful chairmanship of IECEP-KSA-CRC headed by Gov. Tim Dy and supported by the BOD and the membership. Kudus to VP Edu. Teru and the IECEP Taskforce for heading the SPLE Examination Preparation and lastly Congratulations to Gov. Tim for a JOB Well Done!!! We Salute!



REPUBLIC OF THE PHILIPPINES
Office of the Senate President
Senator Vicente C. Sotto III

MESSAGE



My warmest greetings to all the members of the Institute of Electronics Engineers of the Philippines Kingdom of Saudi Arabia – Central Region Chapter (IECEP-KSA-CRC) attending the 9th IECEP-KSA-CRC Annual General Membership Meeting!

All around the globe, Filipino practitioners from various industries are raising the profile of our country through their expertise, knowledge, and skills. You belong to the distinguished professionals who continue to create higher standards in the field of electronics

engineering.

The institute's commitment to taking proactive steps to uplift the profession is truly commendable. Challenges continue to evolve, but you are proving equal to the task with your efforts at continuous education and capacity-building. Thus, conventions such as this are imperative to keep yourselves abreast of the latest trends and innovations. Furthermore, it provides an array of solutions that would help address the present challenges of the business. It is only by doing so can you be able to provide excellent service to your clientele.

Your display of brilliance, perseverance, and dedication away from your motherland is bearing fruit through the advancement of other nation's grand dreams, and it is a feat that makes us truly proud.

Thank you for your contribution to our economy. I wish that you will continue to exhibit the same amount of passion when you began this profession, even exceeding that. In all that you do, always bear in mind the values of excellence and service.

Congratulations and *Mabuhay kayong lahat!*


VICENTE C. SOTTO III



DEPARTMENT OF LABOR AND EMPLOYMENT
Intramuros, Manila

MESSAGE



I congratulate the Institute of Electronics Engineers of the Philippines -Kingdom of Saudi Arabia Central Region (IECEP-KSA-CRC) on your 9th Annual General Membership Meeting.

Your gathering, themed "ECE Professionals: Next Generation Leaders in Expanding Opportunities for Digital Economy", manifests your organization's commitment to keep up with the challenges that digital economy presents.

As you gather your members, it is my hope that you will remain committed to your goal that is to provide continuing professional growth to your members, thus showcase your profession's excellence in the global arena.

With a shared vision such as this, it is incumbent upon us to continue to surmount the challenges of emerging global standards in your profession, and in securing your professional welfare.

May your gathering pave the way for a fruitful exchange of ideas and sharing of best practices to enable the continued advancement of your profession.

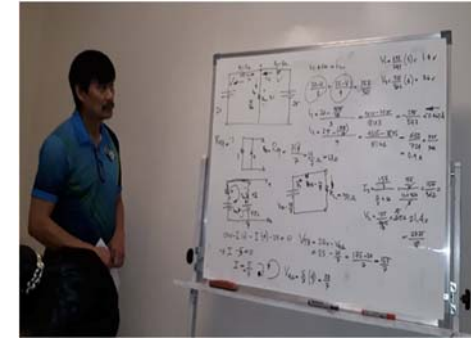
Rest assured that we will continue to support your future endeavors geared towards promoting excellence in your field of practice.

Again, congratulations at mabuhay ang IECEP-KSA-CRC!

SILVESTRE H. BELLO III
Secretary

ETEEAP TUTORIAL CLASS FOR IECEP KSA CRC IN ACTION

ETEEAP students from IECEP-KSA-CRC batch 2019-2020 under University of San Jose-Recoletos program led by their Class President Dante A. Coloma, are actively conducting their regular tutorial class every Friday since it started last September 6, 2019 at Prince Hotel, Riyadh, KSA.



The IECEP KSA CRC ETEEAP Class is being tutored by active members, past and present officers who are experts in their own respective fields. Among them are Engineers Jose Agni Red C. Red and Enrico S. Manalo who discussed instrumentation and Controls. Engr. Brian C. Lacaba discussed Calculator Techniques, Advance Algebra, Trigonometry and Calculus. Analytic Geometry was meticulously tutored by Engr Perry S. Camson. Basic Electronics was introduced by Engr Rommel Monsanto. Engr Arnold Silvestre C. Salcedo, the ETEEAP coordinator of the group untiringly shared and tackled the Fundamentals of Electric Circuits - Methods, Analysis and Theorems.

As of this writing, the class has already completed eight modules out of twenty modules to complete the BSECE course. Mr. Ralldon John Burbano also an ETEEAP graduate of University San Jose – Recoletos batch 2018 is spearheading and mentoring the group with their Project Study spending four hours each week. Along with Engr Salcedo, Mr. Burbano discuss one on one with the ETEEAP student and assist them in choosing the topic of their Project Study, collecting data and preparing the documentation. This class will be later integrated to the SPLE review class for them to grasp the complete syllabus of the BSECE. God willing, this class will complete the requirements for ETEEAP at Univ. of San Jose-Recoletos and successfully graduate next year.



**Secure your Future! Be a license ECE & ECT!
This 2020. Join our SPLE Review and Refresher
Course and PASS the Board Exam !**

Siklab Diwa Class 2020

*Review Start Date:
December 20, 2019
to
July 10, 2020*

*Friday Sessions
8am – 5pm*

Venue to be announced



COMPLETED TECHNICAL SEMINARS FOR 4th QUARTER

The second Cluster Course for the year on **Video Management System** was delivered by new ECT, Virgilio E. Faminial Jr. as lead Instructor and supported by PECEs Jonathan Deo M. Aquino and Rey-mar C. Taging last September 27 to November 1, 2019 at the 63 Hotel Suites. More than Thirty (30) members and practitioners learned from the six (6) consecutive Friday sessions. 24 CPD credit units was approved.



The 9th Technical Seminar was held last October 4, 2019 at the 63 Hotel Suites with a topic on Introduction to **IP Multi-Media Subsystem (IMS) with Network Performance Analysis** by new PECE Frederick G. Roxas. As approved by PRC - 5 CPD units was offered to the participants.



SPLE Review Orientation was held last November 29, 2019 at the Prince Hotel conducted by VP Education Teruyuki Ito Jr. More than 30 interested reviewees signified their intention to join the coming review class.



My heartfelt congratulations to the **Institute of Electronics Engineers of the Philippines, -Kingdom of Saudi Arabia Central Region Chapter (IECEP-KSA-CRC)** for organizing their **9th Annual General Membership Meeting**. I admire the IECEP-KSA-CRC for its concern about the professional enhancement of its members. The fruits of our labor towards the provision of Continuing Professional Development (CPD) Programs for our Filipino Electronics Professionals are being appreciated and recognized.

The theme for this year, **"Electronics Professionals: Next Generation Leaders in Expanding Opportunities for the Digital Economy"** defines the important role that the Electronics Professionals play in this digital era. We must be equipped, competent and updated in all aspects of our profession for us to become good and effective leaders. Advancement of technology is anchored in the development of the Electronics discipline. Its applications cut across applied science other engineering discipline, medical and business profession. This expands our area of practice and hence greater opportunities awaits for electronics practitioners. In view of these, Electronics Professionals are therefore encouraged to specialize in any of the fields of electronics indicated in the Electronics Engineering Law (RA9292). This can be realized through the implementation of the CPD Operational Guidelines for the Electronics Engineering Profession.

Your attendance to this convention will not only enhance your capability as professionals in your chosen field of specialization, but it will also be a good venue for the sharing of best practices among peers. This is also an opportunity to foster camaraderie and to establish linkages and collaborations. We are one, hence we should think and act as one.

The Professional Regulatory Board of Electronics Engineering of the Professional Regulation Commission (PRC) is committed to support IECEP in this endeavor. Mabuhay and God bless us all!

Hon. ALNAR L. DETALLA, D.Sci-Math, PECE, ACPE, ASEAN-APEC Engr.
Chairman
Professional Regulatory Board of Electronics Engineering



MESSAGE



As the globe actively transitions towards an integrated digital economy, the information and communications technology (ICT) sector is regarded as a key contributor of progressive growth and sustainable development. With this, the electronics profession stands at the forefront of significant milestones as the government embraces new innovative paradigms in ensuring the delivery of public services.

Industries related to telecommunications and broadcasting, information and operational technology, and electronics testing and manufacturing are identified as important economic drivers aimed at fostering a holistic approach in embracing a knowledge-based society.

The relevance then of the engineering practice is deeply rooted in the Fourth Industrial Revolution (FIRE), with Internet as the game-changer, transforming the way we do things. Today's dynamic society is powered by innovation and driven by knowledge.

As we celebrate the silver anniversary of Internet the Philippines, we also recognize the opportunities and challenges of other emerging technologies. While there had been numerous improvements and ongoing innovations in ICT, there still remains a huge part of the population that is not fully able to the benefits of ICT.

IECEP has been continuously working with the government to uplift the practice of our profession in addressing the challenge of bridging the digital divide. In the course of doing so, IECEP as the Accredited Professional Organization of Electronics Technicians (ECT), Electronics Engineers (ECE) and Professional Electronics Engineers (PECE) has been advocating for ICT reform in order to raise issues affecting our practice into national consciousness. After all, ours is the foundational profession that drives innovation and growth and that which fuels the digital economy.

Lest I forget, our role in building our home, the Philippines, is undeniable. Together, let us join hands as we leverage the waves of change.

With IECEP supporting major digital governance initiatives, the electronics engineering profession is a key driver in magnifying the economic potential and opportunities brought about by ICT.

Congratulations for holding the **9th IECEP-KSA-CRC Annual General Membership Meeting**.

Salamat, Mabuhay , and Balik Kayo!

IMELDA WALCIEN, PECE
National President
Institute of Electronics Engineers of the Philippines, Inc.

ASEAN Engineering Registry - How to Apply

The ASEAN Engineering Registry (AER) is a type of professional upgrades where professionals can take advantage to be able to work in the ASEAN Accredited countries in Southeast Asia. Further than that, it is also a credential that can be a stepping stone in attaining higher upgrades like the ASEAN Chartered Professional Engineer Registry (ACPER) and Asia Pacific Economic Cooperation (APEC) Engineer. The ASEAN countries were composed of 10 countries and 2 observers of the Association of Southeast Asian Nations with the additional 6 countries where added and being recognized by the ASEAN Federation of Engineering Organizations (AFEO) as of 2018.



Before applying for the ASEAN Engineering Registry, a Filipino Professional Engineer or qualified applicant shall attend the ASEAN Writeshop accredited by the Philippine Technological Council (PTC) spearheaded by the PTC President, Engr. Federico A. Monsada and the PTC Country Registrar, Engr. Romulo R. Agatep. The writeshop covers the overview of the ASEAN history, how the PTC involves in the ASEAN Community, evolving trends as well as the Washington Accord, Sydney Accord and Dublin Accord. Aside from the said accord, the educational equivalency levels from the Philippines were also introduced to be able to match the educational equivalency levels of other ASEAN Countries.

The documentation process will be introduced with an AER Application, how it will be accomplished by the applicants and it will be mentored by the Upgrades coordinator to be able to furnish their documents based on the guidelines "Competency Standard for Advanced Level Engineer" set by the ASEAN Community. Most of the interested AER applicants in the Middle East come from different professional organization such as the Institute of Electronics Engineer of the Philippines (IECEP), the Institute of Integrated Electrical Engineers of the Philippines (IIEE), the Philippine Institute of Civil Engineers (PICE) and the Philippine Society of Mechanical Engineers (PSME).

After the submission of the AER documentations in the PTC, there will be a tracking number that PTC will give to be able for the aspirants to track their own Aer application. It will process and presented by the PTC during the CAFEO meeting where the host country will be held. Those submitted documents will be reviewed and assessed, and if there will be some discrepancies in the documents of an applicant, the council (CAFEO) will directly call for a personal interview from the applicant or if the applicant is present during the CAFEO meeting, there will be a panel interview including the applicant just to disclose and resolve the inconsistencies in his/her documentation.

After the CAFEO meeting, the registration number of the AER Applications will be given a designated number for the ASEAN Engineer, Associate ASEAN Engineer and ASEAN Technician/Technologies. The Conferment rights will be conducted to fully recognized the applicant for their new title with their designated field of expertise.

As of now, there are confirmed 19 applicants to be conferred here in Riyadh KSA in the first quarter of 2020 and 4 aspirants in the Philippines which will be announce later where will be the venue for their confinement. Another 27 applicants are still waiting for their tracking numbers for them to be included in the 4th ASEAN Special Conferment 2020.



IECEP-KSA-CRC
Invites you to our

9th ANNUAL GENERAL MEMBERSHIP MEETING

THEME:
"ECE Professionals: Next Generation Leaders in Expanding Opportunities for the Digital Economy"

with Technical Seminars on

- SECURITY SYSTEMS**
(General Requirements for Industrial Facilities as per HCIS)
Resource Speaker: **Constantino V. Acance, Jr., PECE, ASEAN ENG.**
- EMBEDDED SYSTEM**
for Internet of Things
Resource Speaker: **Enrico L. Manalo, PECE**

PRC Hour (Latest Updates)
Resource Speaker:
Dr. Alnar L. Detalla, D.Sc., PECE, ACPE, ASEAN-APEC Eng.

- 2020 Election of Board of Directors
- PECE/ECE/ECT/ OATH TAKING

Guests of Honor:
H.E Hon Adnan V. Alonto
Philippine Ambassador Extraordinary and Plenipotentiary
Philippine Embassy to the Kingdom of Saudi Arabia, Riyadh, Saudi Arabia
PSSupt/ Col. Fairo Antonio O. Oluaguera
Police Attaché
Philippine Embassy to the Kingdom of Saudi Arabia, Riyadh, Saudi Arabia

OUR SPONSORS:
SCS, Jollibee, Almarai, Philippine Airlines

When: Dec. 6, 2019 - Friday
Time: 6:00 AM - 6:00 PM
Where: PRC HALL, JEDDAH, KSA

Security System (Industrial Facilities as per HCIS) Engr. Constantino V. Acance, Jr. PECE, ASEAN ENG, APEC ENG Saudi Aramco

Sonny is a licensed Professional Electronics and Communications Engineer (PECE) with twenty plus (20+) years solid working experience for reputable companies in Saudi Arabia, Singapore, Malaysia, Thailand and the Philippines.

Currently, working as Security Project Engineer for Saudi Aramco under the Gas Compression Mega-Projects. Held key management and technical roles as Telecoms Manager, Project Manager, Bids and Proposal Manager, Training Manager, Consultant, Retainer, Technical Writer and University Professor.

A team leader that has the capacity to conduct trainings and seminars, having had eleven (11) years of teaching experience for both the academe and industry in various fields of discipline for electronics, telecommunications, computer technology, industrial engineering and project management. A community leader in Riyadh had held various positions for the Order of the Knights of Rizal as Past Chapter Commander and Area Commander for the Middle East and Africa Region.

An avid golfer and audiophile by heart. He is blessed with his lovely wife Ruth Narvacan-Acance and sons Josiah David and Jonathan Reuel.



PRC Hour (Latest Update) Dr. Alnar L. Detalla, D.Sc., PECE, ACPE, ASEAN-APEC Eng. Chairman, Board of Electronics Engineering Professional Regulatory Board, PRC

Dr. Al holds two (2) Bachelors Degree, in Mathematics from Mindanao State University—Iligan Institute of Technology (MSU-IIT) and in Electronics and Communications Engineering from Cebu Institute of Technology. He took his Masters Degree in Mathematical Science and Doctorate Degree in Physical Science from the Graduate School of Science and Engineering in Ibaraki University, Japan in 2005. He is a Research Fellow at the International Centre for Theoretical Physics (ICTP), in Trieste, Italy in 2008 & 2009.

By profession he is a Full Professor-V in Mathematics at Central Mindanao University, Musuan, Bukidnon.

In 2013, he was appointed by the Office of the President, Republic of the Philippines, as the Chairman of the Professional Regulatory Board of Electronics Engineering of the Professional Regulatory Commission (PRC).

EMBEDDED SYSTEM FOR INTERNET OF THINGS (IoT) Engr. Enrico L. Manalo, PECE Saudi Electronics and Home Appliances Institute

Ricky has thirty (30) years experience in the academe in the Philippines as Faculty member at the Samson College of Science and Technological in 1993, at the Polytechnic University of the Philippines (PUP) in 1996 and at the Technological University of the Philippines (TUP) in 1997 until 2009,

Currently, he is a Electronics Instructor at the Saudi Electronics and Home Appliance Institute, Riyadh, Saudi Arabia since 2009.

He received his bachelors degree in Electronics and Communications Engineering from the Polytechnic University of the Philippines (PUP) in 1991.

A Self directed, enthusiastic educator, committed to student development and learning experience skill. He also volunteers his time as instructor to this fellow overseas filipino worker, sharing his expertise and knowledge to the Special Professional Licensure Examinations (SPLE) Review Program of IECEP-KS-CRC.



(KSA) has enforced that products coming in to KSA must have the CB (Certification Body) test Certificate and product Energy Efficiency Report/Label as required documents in order to process and passed at Saudi Customs. The CB test report and certification shall only be issued by the qualified IECEE National Certification Bodies (NCB's) which perform the product tests in compliance to the IEC International Standards. IECEE stands for IEC System for Conformity Assessment Schemes for Electro technical Equipment and Components. Besides, you probably heard the "green building certification" or the LEED certification used worldwide which was developed by the U.S. Green Building Council. LEED stands for "Leadership in Energy and Environmental Design", is a certification program to conclude and grant the award for a certain project. This applies to the commercial buildings, housing projects or community projects and relatively in megaprojects that have considered on its design the use of resources to be efficient (basically in use of energy and water) and environmentally responsible. The LED lighting applications can be as simple as used in households and small offices but goes complicated in bigger projects and depending on the design. In a complex lighting system and solution, It can be witnessed the astonishing beauty and effect of the LED color changing lights and LED projectors which has dramatically and dynamically illuminated numbers of architectural landmarks and signature buildings worldwide. To name some, The Kingdom Tower (KSA), Burj Khalifa (Dubai), Eiffel Tower (France), The Sydney Opera House (Australia), Empire State Building (USA) are a few to mention but more than lots of applications as observed during national events, at museums, shopping malls and bridges. The LED lightings are fundamentally new kinds of lighting, using new principles, materials, and controls to drive different applications. The only barrier for people is the lack of familiarity with technology. Light creates beauty and enhances moods in spaces. Let's adopt and appreciate its benefits and switch to LED Lighting!



CRC Founding Governor takes a seat in Bagong Bayani Alumni Association

IECEP KSA CRC congratulates Engr. Mario Balboa as the newly elected VP External for International Affairs of Bagong Bayani Alumni Association.

Bagong Bayani Alumni Association is an association of Bagong Bayani Awardees to formulate plans and programs that will ensure protection of Overseas Filipinos Migrant Workers. The association also pro-motes the welfare, well-being, and interest of OFWs and their families local and abroad.

CRC is truly proud of you and we will support your endeavors.

BMS on LEED Certification By: Anthony A. Villafuerte, PECE

LEED certification – Leadership in Energy and Environmental Design is a rating system devised by the United States Green Building Council (USGBC) to evaluate the environmental performance of a building and encourage market transformation towards sustainable design, which is based on ASHRAE Standard 90.1–2010. The system is a credit-based, allowing projects to earn points for environmentally friendly actions taken during construction and use of a building.

An important element in energy saving is the BMS –Building Management System, which is the main system that controls the energy-efficiency of the building. The BMS is a fully automated system that controls energy consumption in the building. The tasks of the BMS is the optimization of all systems involved or connected so that energy consumption is adequate for current needs. For example, BMS can controls in the lighting so that the lighting intensity can be adjusted to specific conditions need in the rooms using motion sensors. The mechanical ventilation uses CO2 (Carbon Dioxide) sensors or Timers so that if the home has no occupants, the ventilation will be adjusted to a minimum level or switched off. The BMS optimizes the energy from renewable energy sources that are stored, the use of boilers for hot water or household appliances that are needed, and all other depending systems that utilize energy.

Passive and low energy buildings are characterized by a lower consumption of fossil fuels, which causes lower emissions to the environment. These buildings are environment-friendly using renewable sources of energy and heat gains from the sun employing solar power system. However, the standard of these buildings could not easily be achieved without proper funding. The incentive for this type of investment is through LEED certification. The certification significantly helps for the new constructions, to become more environmentally friendly. It is responsible for the engineering and planning for the reduction of energy consumption so that the building could become a passive building. The basic investment costs would increase by 20% although the effect would have an impact on reducing energy consumption and passivity of the building by a complex BMS, insulation and mechanical ventilation system. The small demand for points in this section has been confirmed by the probability of obtaining LEED points during the accreditation and acquiring certification.

The passive standard of the building depends on many variables, even the highest form of LEED certification does not guarantee a passive standard, but it will help to achieve the standard.

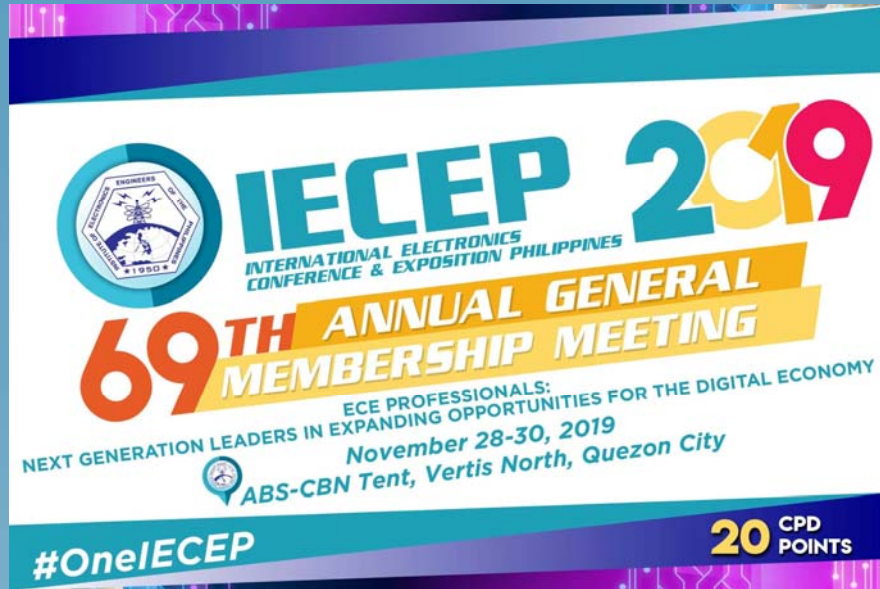
Even without achieving a passive building, standard LEED certification makes the building more environmentally friendly, the certification type being awarded must be also noted that it promotes renewable sources of energy, Building Management Systems, and reducing energy consumption.



IECEP-KS-CRC WINS ITS 6TH MOST OUTSTANDING FOREIGN CHAPTER AWARD

2019 BEST FOREIGN CHAPTER

Engr. Jandee R. Bonifacio - 2019 Outstanding Electronics Engineer



IECEP-KSA-CRC attends the 69th IECEP National Annual General Membership Meeting last November 28-30, 2019 at the ABS-CBN Vertis Tent, Quezon City. The chapter was represented by no less than Gov. Tim Dy flying to Manila for the event. Engr. Jandee R. Bonifacio was there to receive his 2019 Outstanding Electronics Engineer Award and highlighting the convention was the awarding of the 2019 Best Foreign Chapter to IECEP-KSA-CRC. — its 6th MOFC Award, Congratulations to the Members!

2019 MILESTONES:

NO.	Title	2019 Members Served
1	Expanded Tertiary Education Equivalency and Accreditation Program (ETEEAP) Thru USJ-R	Graduates - 6 Enrolled - 12
2	Special Professional Licensure Exam reviewees / Passers	ECE Aspirants - 43 ECE Passers - 9 ECT Aspirants - 37 ECT Passers - 24
3	eMBA - (Usep E-Learning Program)	Thesis - 2 EDP - 4
4	Advance Level Engineering upgrade Writeshop and Assistance (PECE AER ACPE APEC)	Endorsed PECE - 10 Endorsed AER - 14 Endorsed ACPE - 6
5	Professional Electronics Engineer Passers	PECE - 15
6	Recognition and Awards	Most Outstanding Electronics Engineer - 2 Most Outstanding Alumnus - 1 Certificate of Recognition: Adopt a school program Balik Eskwela PUP IECEP student chapter PPO CRSA PCEA CRSA

Total CPD Delivered

Year	CPD
2019	148
2018	141
2017	120
2016	80
2015	72
2014	120
2013	120

Outreach Program

1. Donation of PEC Books to Colleges and Universities
2. Electronics Engineering Career Orientation
 - Elite International School
 - Palm Crest International School
3. Blood Donation - King Faisal Specialist Hospital
4. Used Clothing Donation - PSME-CRSA
5. Adopt-A-School Program
 - Binasan Elementary School
 - Libandayan Elementary School
 - Barangay Gango, Libona, Bukidnon
5. Bahay-Kalinga Outreach
6. Mindanao Earthquake Outreach



Membership	2015	2016	2017	2018	2019
Lifetime	0	0	29	6	0
Regular	28	33	46	22	23
Associates	5	29	27	43	84
Total	33	62	102	71	107

2019 Membership

