



# IECEPISTLE

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## IECEP RENEWS COMMITMENTS, ENGAGES GOVERNMENT STAKEHOLDERS

By **BENZJ GERARD M. SEVILLA**  
with reports from Ms. Marian Borabo

2021 has seen many great challenges brought about by the crippling effect of COVID-19 on livelihoods and the economy in general. On the brighter side, digital transformation sped up for the government, businesses and the academe. With increasing demand for connectivity, integrated services, and interoperable systems, the electronics engineering profession has witnessed a great deal of opportunities as an essential sector in the fight against the pandemic.

As inter-border restrictions eased in the National Capital Region (NCR), Dr. Mishell D. Lawas, PECE, National President, IECEP visited various government offices with which the Institute has been involved in the implementation of programs and projects as well as in the practice of profession.

On 07 October 2021, IECEP was warmly received by the Department of Information and Communications Technology (DICT). It can be recalled that an MOU was signed between the Institute and the Department in 2017, and that the DICT was requested for inputs regarding the proposed CCTV Code. The DICT, through Undersecretary for Resilient Government Emergency Communications, Engr. Alan A. Silor, PECE, thanked IECEP for the conduct of Continuing Professional Development (CPD) programs for the public held alongside the commemoration of the National ICT Month and the National Disaster Resilience Month, making the engagements more meaningful and enriching.



Afterwards, IECEP was met by none less than Chief of the Bureau of Fire Protection (BFP) Fire Director Louie S. Puracan at their National Headquarters. The discussion between the Institute and the Bureau focused on the lifting of the abeyance order relative to the implementation of the Joint Resolution of the Professional Regulatory Board of Electrical Engineering and Electronics Engineering, specifically on Fire Detection and Alarm Systems (FDAS). The conversation ended on a high note, with an open invitation for electronics professionals to join the service.

Capping the first day of the series of Courtesy Visits was with the National Telecommunications Commission (NTC), wherein IECEP had an audience with Deputy Commissioner Engr. Edgardo V. Cabarios, PECE and Director Engr. Imelda R. Walcien, PECE, both former Presidents of the Institute. The NTC, in the formulation of industry regulations, highlighted its regard to the provisions of RA 9292, citing compliance to the agency's requirements of signing and sealing electronics plans only by duly licensed PECEs.

# IECEP ENGAGEMENTS



The following day, IECEP then proceeded to the Department of Public Works and Highways (DPWH), to meet with the National Building Code Development Office (NBCDO) Director Atty. Johnson V. Domingo. IECEP's role in the Board of Consultants (BoC) was a major agenda item, to include provision of assistance for the review of NBC and the identification of provisions necessary for updating, relative to the changing demands of the time.

The Professional Regulation Commission (PRC) came in next, with a leveling meeting with the Office of Commissioner Chairman Atty. Teofilo S. Pilando, Jr. Covered in the meeting are follow-through activities of IECEP with PRC related to the upcoming ECE and ECT Licensure Examination, resumption of PECE Application Process, and the Nomination Proper for the Members of the Professional Regulatory Board of Electronics Engineering (PRB - ECE).



The last stop was at the Philippine Economic Zone Authority (PEZA), with IECEP being met by Building Officer Engr. Dominador Zagada Jr. to reaffirm the agency's instrumental role in the implementation of FDAS as within the purview of electronics professionals for its areas of responsibility and covered jurisdictions in close coordination with the Office of the Building Official (OBO).



During the visits and meetings, key National Directors and Executive Officers, and Local Chapter Officers and Representatives joined the President, including from the Philippine Association of Government Electronics Engineers (PAGE).

The President also sat down with Governors of nearby chapters, and visited the National Office with the Secretariat.

With eAGM 2.0 happening from 27 November to 04 December 2021, detailed updates are to be expected from the President regarding the major undertakings of the Institute, as an output of the series of these concluded engagements and a look back at the year that was.



# ENGR. BEATRICE D. PERALTA WINS *Lakambining Inhinyera 2021 First Runner-Up*

By LYLE ANTHONY JOWILL G. VILLAS

Clark, Pampanga - Miss IECEP Engr. Beatrice Peralta wins First Runner-Up in the 2021 Edition of the Lakambining Inhinyera.

Held at the Royce Hotel and Casino in Clark, Pampanga last October 8, Engr. Peralta wows the electronics engineering community as she becomes the first-ever IECEP representative to bag one of the top spots.

She bested everyone in Sports Wear, Casual Wear, and Filipiniana Gown.

In the final question and answer portion, she was asked: "Describe beauty and its importance to a blind person."

Her bold and winning answer was:

"Our society often associates and interprets beauty by what we see based on physical attributes, but beauty is not about seeing but about feeling - which we get to fully experience with all the senses we have, other than seeing. How beautiful it feels to receive warm hugs and kisses from our loved ones. How beautiful it feels to hear the genuine laughter of the people we made happy. Beauty is important because it is the feeling of genuine love and kind-heartedness you received and gave in this world. As a lakambining inhinyera, let us help each other see how beautiful life is and how beautiful the world is."

Also announced last October 8 were the Miss Lakambining Inhinyera 2021 Grand Winner and Second Runner-Up of the pageant:

• Miss Lakambining Inhinyera 2021 Grand Winner :  
PICE – Engr. Mariz Mansibang

• Miss Lakambining Inhinyera 2021 Second Runner-Up :  
PSME – Engr. Mary Jane Bascos

A Tree Planting Activity served as the culmination of the pageant activities, as a part of the 5th Philippine Women Engineers Summit.

Lakambining Inhinyera is organized by the Philippine Technological Council (PTC) - Women Engineers Network (WEN). PTC WEN is an organization of women engineers representing the national engineering organizations under the umbrella of the PTC and the Women Engineers of the Asean Federation of Engineering Organization (WEAFEO). Aware of the important role of engineering in the advancement of the social, economic, and industrial development of Philippines, its objectives are a) To promote understanding, goodwill and cooperation among women engineers, b) To promote and exchange ideas, concerns and experiences, and c) To support the purposes and objectives of the PTC and WEAFEO.

The title Lakambining Inhinyera is garnered 50% from funds raised, and 50% from beauty and other attributes.

• Photographer: Vladshooter De Leon • Makeup, Styling, Wardrobe: Philip Jio Villaluz  
• Hairstylist: Thony Garcia • Assistedby: Jethro Infante • Studio: Bright Colors



# IECEP's New Home for the Next Generation

By BENJZ GERARD M. SEVILLA

Waiting finally ends as the successful acquisition of property caps IECEP's 71st year this 2021. Dubbed IECEP Home, the four-storey building located at 52-A P. Gomez Street, Poblacion, Mandaluyong City shall serve as the National Office beginning 2022.

"What started out as a necessity, a need for space - for proper reception of members, and for the occupational welfare of the staff, is now here. We are ready to leave the past behind, and march forward for the next generation," says IECEP President Dr. Mishell D. Lawas, PECE in a statement.

Initially estimated and proposed for at least PhP 25.0 Million, the ambitious project became achievable as opportunity came knocking when a ready-for-occupancy (RFO) unit was put on sale at a measly price tag of PhP 17.5 Million amid the pandemic. Due to economic slow-down, the property, which IECEP now calls Home, was listed in 2020 and remained unsold until it was considered for the operational requirements of the Institute. It was deemed practical, posing at least 30% perceived savings as compared to building from the ground-up, less all the man-power, time and fees for permitting and other miscellaneous and unforeseen costs incurred in a construction project.

Overall, IECEP Home, as it stands, ticks most of the boxes in the Institute's checklist, most especially value for money. While a completely designed building for IECEP used to be the end-goal, the uncertainty called for a step back into the primary objectives and assess the absorptive capacity of the Institute for such undertaking. This acquisition of an equally accessible, purposely useful, and well-built piece of architecture, let alone at the good end of the bargain, signals to donors, contributors and those who made pledges, that the decade-long dream is finally made real.

Occupying around 98 square meters in lot area, each level in IECEP Home shall be purposed for the achievement of the Institute's mission, vision and goals, with service to members as key consideration. Parking space and reception are available at the ground level. The second level will be designed for a hybrid-interaction training room, with the third floor to be designated as Members' Lounge, Office Space and Board Room. The top-most level shall feature a Lodging Facility and a Laboratory, with the roof deck for social functions and other networking occasions.

Nestled in the city's high grounds, IECEP Home is located in a flood-free neighborhood, and is only fifteen (15) minutes away by car from the current National Office. Accessible by private vehicles and a combination of public modes of transportation such as E-Jeep, Mini Bus, and Tricycle, from either LRT V Mapa Station or MRT Shaw Station, through major thoroughfares F. Ortigas, Shaw Boulevard, Boni Avenue and New Panaderos Extension, the IECEP Home is within close proximity of major malls, SM Sta Mesa, SM Megamall, and Greenhills Shopping Center, and within a stone's throw away of Jose Rizal University (JRU) and Don Bosco Technical College (DBTC) both offering ECE Program.

Several opportunities are being proposed to be projectized for the improvement of IECEP Home, including lease of roof-space for cellular tower, study of photo-voltaic (PV) systems, and installation of CCTV, highlighting various fields of practice and disciplines of the electronics engineering profession.

Members are welcome to visit IECEP Home once the National Secretariat commences operations in the property, subject to observance of health protocols. The National Office will also be ready for scheduled Chapter events, meetings, and engagements. In connection to this, President Lawas shares "...IECEP Home is for all of us, for the pillars of the Institute, and especially the next generation. We will continue to dream and to strive for new heights."

The acquisition was approved through a Special General Membership Meeting last 01 November 2021, and was sourced from previous fund-raisers, including proceeds from the registration of MIDCON 2021 and eAGM 2.0 as well as the on-going Donations, Contributions, Pledges (DCP) and the limited resumption of Lifetime Membership. To note, loans from external facilities were not taken by the Institute for this endeavor.

The current office at Suite 712 Cityland Shaw Tower, Shaw Boulevard, corner St. Francis Street, Mandaluyong City shall remain operational under further notice.

**IECEP**   
**BUILD A BIGGER HOME**



# LIFETIME MEMBERSHIP

## DOORS WIDE OPEN FOR LIFETIME MEMBERS, FOR IECEP HOME

By BENJZ GERARD M. SEVILLA

This Q4 2021, IECEP resumes processing of Lifetime Membership for interested PECEs, ECEs, and ECTs, meeting the minimum eligibility criteria based on the guidelines as resolved.

Moved by the Membership and Finance Committee, the "For Life, For Home" program will run as a limited offer option for qualified members to raise funding for the acquisition of IECEP Home, including ancillary civil works, interior design, and preparations for the transfer of the National Office.

Lifetime membership was last offered early 2019. This year's re-opening of the program makes it a timely opportunity for members to lock-in the prevailing rate of the membership fee, and will only be available until 31 December 2021 or upon reaching of the allocated slots, whichever comes first.

PECEs, ECEs and ECTs who have been members of IECEP for at least seven (7) years on the date of the commencement of the program, 26 October 2021, shall be qualified. Incumbent and Former National and Local Chapter Officers are likewise highly encouraged to avail of the Lifetime Membership.

IECEP President Dr. Mishell D. Lawas, PECE says "...we are opening our doors and answering the clamor for Lifetime Membership. Together, let us all unite in bidding welcome to the newest member of our family, the IECEP Home."

The Lifetime Membership Fee costs Fifteen Thousand Pesos (PhP 15,000.00) equivalent to roughly ten (10) renewals under the proposed membership fee matrix, conveniently payable through various means such as Mobile Wallets, Credit Cards or Digital Money. It shall be exclusive to the first 550 applications only. Incentives are provided for members aged fifty (50) and above, with fifty (50) slots. Duly approved lifetime members shall be acknowledged as part of the Roster of Contributors for the IECEP Home, and shall receive limited edition merchandise as part of the membership kit.

Interested members are invited to reach out to Chapter Governors for pre-qualification, assessment and subsequent endorsement to the National Secretariat for processing of the application and issuance of One-Time Link (OTL) for Digital Payments. IDs and the special token will be made available thereafter.

"This is a dream come true for the Institute, and we share this success to everyone, especially the lifetime members-to-be," exclaims President Lawas.

Other details of the program, including application forms, are available via the Official IECEP Website at [www.iecepnational.com](http://www.iecepnational.com). Concerns may also be coursed through the Official Social Media Page of IECEP accessible through [www.facebook.com/iecepnational](http://www.facebook.com/iecepnational).

# IECEP-RIZAL PROMOTES *ELECTRONICS SAFETY AND SECURITY* THROUGH GLOBAL SUMMIT 2021

BY SHERWIN C. RICAFLANCA

IECEP Rizal Chapter goes global as they hosted the Global Summit 2021 on Electronics Safety and Security last September 24 and 25 with speakers coming from the Philippines, Germany, Finland, Australia and Taiwan. Partnering with international companies, the chapter brought together practitioners and experts to discuss solutions, innovations and the expanding possibilities for a secure and safe building in the future.

The 2-day summit had Ms. Bianca Ulmschneider of Telegartner for Day 1 where she discussed Single Pair Ethernet Communications from Sensor to Cloud, followed by a discussion on connectivity solutions for 5G Mobile Communications by Mr. Tapani Sillanpaa of Telegartner. Mr. Wayne Allen of Fluke Networks provided insights on best practices for testing structured cabling whether on a data center, buildings or across campuses, and the representative from Lilin Taiwan, Mr Aloun Kong, focused on on smart city video management via edge AI and Cloud. Closing the first day was Mr. Bill Denney of Hochiki America Corporation as he went into detail with UL268 Standard for Safety: Smoke Detectors for Fire Alarm Systems.



Day 2 commenced with Mr. Bob Allan of Siemon exploring the considerations on complex issues regarding safety devices of intelligent buildings. Engr. Gerhard Tan emphasized the next generation in in-building solutions, and finally, Mr. Charles Jin of Dahua Technology tackled Airport Security Solutions.

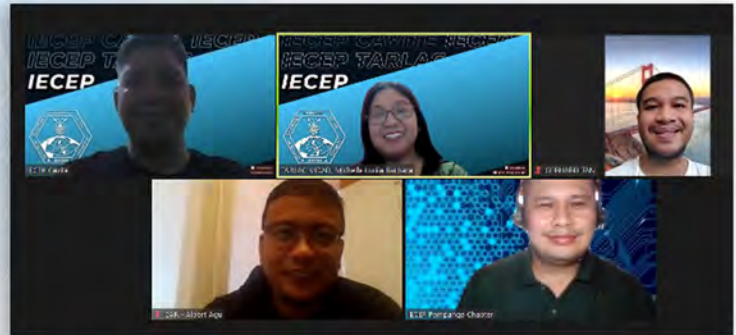
The Global Summit 2021, with more than 100 electronics professionals in attendance, was designed to provide Filipino Electronics Engineers insights on the global trends in electronics safety and security and next generation solutions for smart buildings and auxiliary systems. 2009 IECEP National President Engr. Romulo Agatep and the current National President Dr. Mishell D. Lawas were also in attendance in the affair.

# 8 LOCAL CHAPTERS COLLABORATE TO DELIVER *The 8G+; TELECOM Webinar Series*

By MICHELLE LUCILA BARBARA F. VIDAD  
and addendum from GERHARD P. TAN

The 8 collaborating Chapters: IECEP Batangas through Gov. Myra A. Manalo, IECEP Cagayan Valley through Gov. Pinky Tumaliuan, IECEP CAR through Gov. Alberto Mario B. Agu, IECEP Cavite through Gov. Jomer V. Catipon, IECEP Laguna Gov. Favis Joseph C. Balinado, IECEP LUPANG through Gov. Myrlie P. Viluan, IECEP Pampanga through Gov. Bryan B. Delos Reyes and IECEP Tarlac through Gov. Michelle Lucila Barbara F. Vidad, provided an early gift to all IECEP members, students and other professionals as the whole Sundays of September is jam-packed with Telecom-Themed Webinar Series, free of charge and credited with a total of 26 CPD points approved by PRC.

The Telecom Webinar Series was first conceptualized by the IECEP Cavite Governor Jomer Catipon, together with Engr. Gerhard Tan last January 2021. The creation of the group chat of the 8 collaborating chapters was made last February and the first virtual meeting was held last March 28, 2021, as the initial tentative schedule of the webinar series was supposedly last April-May 2021.



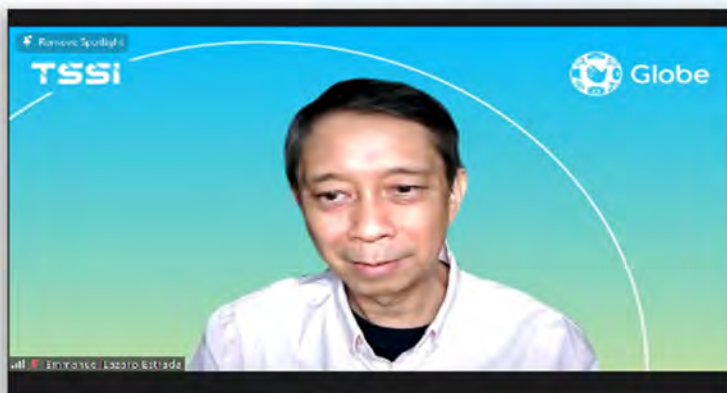
*First Virtual Meeting of the Telecom Webinar Series*



*Meeting with IECEP Student Chapters*



*Dr. Mishell D. Lawas delivering her Opening Remarks*



*Engr. Emmanuel Estrada giving an inspiring message*

The Telecom Webinar Series, a 4-Sunday event with 11 topics, was made possible in partnership with Radio Engineering Circle, Inc. and the Philippine Technological Council-Young Engineers Section, in cooperation with IECEP Inc. - Education and Student Affairs Committee. As Engr. Gerhard Tan, Director & Head of Technology Strategy in Globe Telecom Inc., had said, "Webinar is part of the continuing professional development and at the same time an opportunity. Opportunity to share, teach and re-learn".

The webinar was formally opened by our IECEP National President, Dr. Mishell D. Lawas, and followed by an Inspirational Message by the Globe Telecom Inc.'s Senior Vice President & Head of Technology Strategy and Service Integration, Engr. Emmanuel R. Estrada.

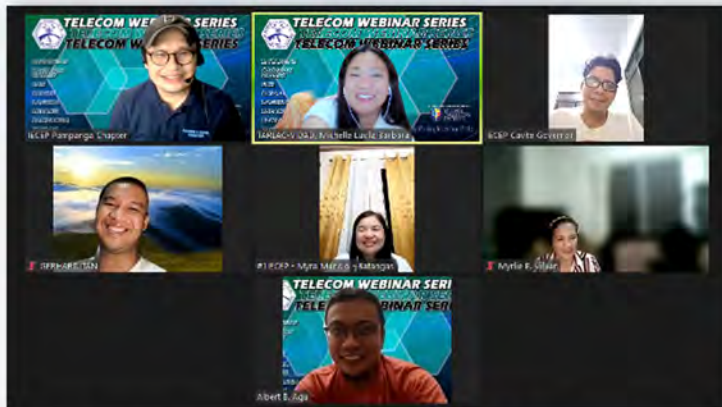
The readiness of the resource speakers to share their experience and expertise played a vital role in making the event a success and attendees of the event peaked at almost 800 participants via Zoom.

# The 8G+: TELECOM Webinar Series

NAME	TOPIC TITLE
Engr. Joseph Christian Tuzon	2G - GSM Networks: The Foundation of Call and SMS
Engr. Jayson Bonin Aldeza	3G - UMTS Networks
	4G - LTE Networks
Engr. Derick Dimla	5G Networks - The New Wave of Connectivity
Engr. Denis Ng	Understanding the Base Station Antenna: It's Evolution and Architecture
Engr. Harold P. Latoja & Mr. Mark Lester H. Gonzales	Next Generation Calling: Voice of LTE and Voice over WIFI
Engr. Derick M. Dimla & Engr. Gerhard P. Tan	The Next Big Thing with IoT - Creating a Big Impact in the Telco Industry
Mr. Glenn L. Fetalvero	Telco Basics in Cybersecurity
Engr. Aris Ady M. Mercado	It's all about CORE: Traversing through Digital Transformation
Engr. Patrick Jiorgen Hulipas	Amateur Radio: Its Basics and Aid to Disaster Response
Engr. Gerhard P. Tan	Telecom Technology Updates: An Industry Landscape

The organizers prepared well to give everyone the best webinar experience possible. As mentioned in the Closing Remarks by one of the proponents of the Telecom Webinar Series, Engr. Jomer V. Catipon, "Sa tagal naming nagmi-meeting lagi, we now consider ourselves a family - The 8G+ Family. Powerful indeed...And 2021 should be the end of competition, as COLLABORATION should FLOURISH for us to MOVE FORWARD TOGETHER, for a sustainable and resilient recovery we all deserve."

Beyond sharing new ideas through this kind of webinar, is the purpose driven event that promotes love of the environment through Mangrove Conservation Project supporting UN Sustainable Development. This webinar gave opportunity to raise funds in support of the initiative. Best thing happened was the impact to the participants and the synergy across different chapters. Let's continue making new waves of collaborations and opportunities not only for our members but for the greater good of humanity as a whole.



Progress meeting with members of the 8G+ Family



Engr. Jomer V. Catipon concluding the webinar series with his closing speech

#IIECEP #RECreate #YESWeCanTogetherWeSERVE





### MANGROVE CONSERVATION PROJECT: SUSTAINABLE OUT-PLANTING AND SITE MANAGEMENT

**PROJECT OBJECTIVES:**

- Conduct a 2-day Mangrove out-planting activity
- Ensure sustainability through trainings for peoples organization and mangrove monitoring
- Improve the life of coastal community through eco-livelihood

**PROJECT LOCATION:**  
Barangay Buko, Kinoguitan, Misamis Oriental

**BENEFITS OF MANGROVES:**

- Forestry Products
- Fisheries Products
- Habitat for Wildlife
- Climate Change Mitigation
- Coastal Protection

**DONATION CHANNELS:**



**GCash**  
Account Name: Joy Leo Alatan  
Account No. 09952971536



**Metrobank**  
Account Name: Billie A. Aranzanso  
Account No. 2603260950671



**BPI Family**  
Account Name: Billie A. Aranzanso  
Account No. 6396676506

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