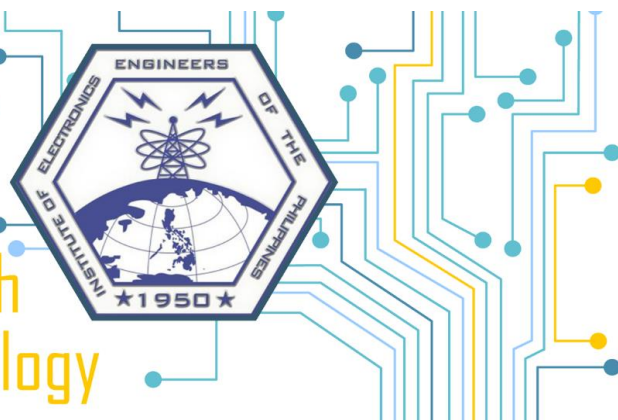


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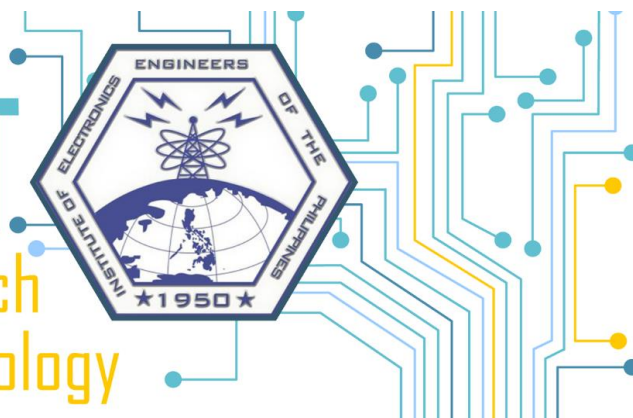
SCHEDULE-at-a-GLANCE

IECEP INNOVATION DAY (National Student Summit Track)

7:00am – 8:00am	Registration	
PLENARY SESSION		HALL B-C
8:00am – 8:15am	Opening of Exhibit	
8:15am – 8:20am	Doxology	
8:21am – 8:25am	National Anthem	
8:26am – 8:30am	Opening Remarks	Dr. Rosula SJ Reyes President, IECEP, Inc
	Welcome Remarks	Engr. Agapito T. Zinampan Jr VP for Education, IECEP, Inc Chairman, IECEP FIRST
8:31am – 8:50am	Keynote Address	Dr. Rowena Cristina L. Guevara Undersecretary for Research and Development Department of Science and Technology
8:51am – 9:00am	Recognition / Awarding Ceremonies	
Update from Various Specialization including Soft Skills and Competencies Required to an ECE Graduate Hall B - C		
9:01am – 9:20am	Digital Terrestrial Television Broadcasting Migration – Public Communications Strategies and Awareness	Engr. George Tardio Chief, National ICT Planning Division Department of Information and Communications Technology
9:21am – 9:40am	iCity	Engr. Alan Silor Asst. Secretary Department of Information and Communications Technology
9:41am – 10:00am	Empowering Design Innovation Through Analog Integration	Engr. Gerald Simon Aguilar Sr. Manager, Test Systems Dev't Asia Maxim Integrated
10:01am – 10:20am	Emerging Trends in Power Semiconductor	Engr. Ramil N. Ramos Solutions Consultant, Ark One
10:21am – 10:40am	Project Management for ECE	Engr. Roger Tiglao IT Manager, Viskase Asia Pacific Corp

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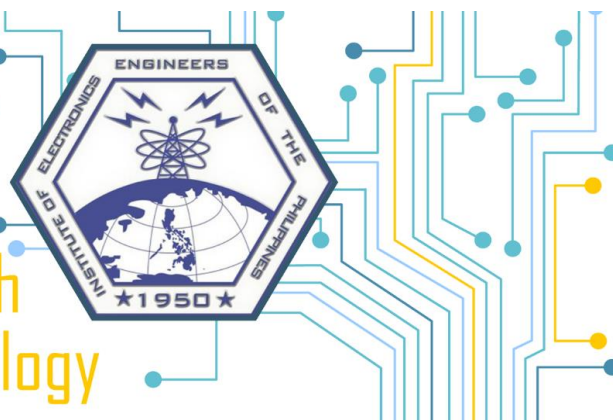
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10:41am – 11:00am	ECE Graduates Employability and Industry Certification	Mr. Francis Xavier R. Hernandez Academic Solutions Specialist Microsoft Philippines, Inc
11:01am – 11:05am	Awarding Ceremony	
11:06am – 11:15am	Technical Presentation	Excel Review Center
11:16am – 11:30am	Design of a Dielectric Spectroscope utilizing Microwave Frequency for Cacao Pod's Maturity Testing	Jan Joevil Razon, Maria Rhodora Arias, Shannie Gail Capadoza, John Robin Cawigan, Marcus Philip Magnait, Ryann Alimuin
11:31am – 11:45am	Germicidal Ultraviolet Lamp Based Water Purifier	Diana Elaine Batin, Angelica Decena, Mark Kevin Diaz, Hubert Sheldon Muchil, Ryan Reyes, John Kenneth Suarez, Darren Jan Austria, Engr. Roderick Cabaña
11:46am – 12:00nn	CCTV-Based Railway crossing Alarm System for Philippine National Railways	Pollyna Madge Quiñones, Nicole Jennyrose Demojena, Erika Mae Granados, Mark Daryll Acosta, Pocholo James Loresco
12:01nn – 1:00pm	L U N C H B R E A K	
1:01pm – 1:10pm	Technical Presentation	PERCDC Review Center
1:11pm – 1:25pm	Multi-Parameter Soil Tester with Crop Selector and Fertilizer Mixture Analyzer	Vincent Jericho Rodriguez, Kevin Venson Flores, Jericho Martin Flores, Ressie Nhaie Datu, Marvin Jay Roxas, Engr. Ma. Editha Grande
1:26pm – 1:40pm	Portable Text Image to Filipino Braille Converter Device for Visually Impaired and Blind People	Nathaniel Bilog, Jehu Cabreros, James Brenold Evangelista, John Mervin Gunda, Patrick John Suma, Pocholo James Loresco
1:41pm – 1:55pm	Implementation of An Electronic Control Unit Using STM32LO Microcontroller for the Retrofit Electronic Fuel Injection System of a GX 35 Engine	Sierra Claire Tarrega, Joshua Ismael Caunda, Angelo Nico Daroy, Joseph Engr. Karl Salva
1:56pm – 2:00pm	Introduction to 38 th Annual Electronics Engineering Inter-Scholastic Quiz Show	
2:01pm – 4:50pm	38th ANNUAL ELECTRONICS ENGINEERING INTER-SCHOLASTIC QUIZ SHOW	
4:51pm – 5:00pm	Closing and Awarding Ceremonies	

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November 21, 2017 | Philippine Trade Training Center, Pasay City, Philippines

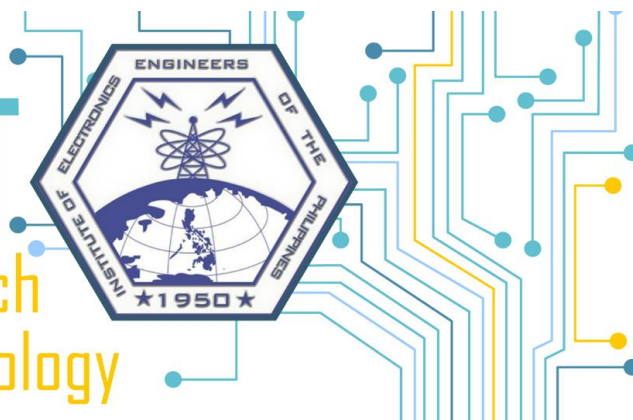
SCHEDULE-at-a-GLANCE

ACADEME FORUM (Professional Track)

7:00am – 8:00am	Registration	
PLENARY SESSION		HALL B-C
8:00am – 8:15am	Opening of Exhibit	
8:15am – 8:20am	Doxology	
8:21am – 8:25am	National Anthem	
8:26am – 8:30am	Opening Remarks	Dr. Rosula SJ Reyes President, IECEP, Inc
	Welcome Remarks	Engr. Agapito T. Zinampan Jr VP for Education, IECEP, Inc Chairman, IECEP FIRST
8:31am – 8:50am	Keynote Address	Dr. Rowena Cristina L. Guevara Undersecretary for Research and Development Department of Science and Technology
8:51am – 9:00am	Recognition / Awarding Ceremonies	
PANEL DISCUSSION on the 2018 ECE Curriculum Hall A		
9:01am – 9:20am	2018 ECE Curriculum Update	Dr. May Rose C. Imperial Chairman, CHED-ECE Technical Working Group
9:21am – 9:40am	Impact of 2018 ECE Curriculum to ECE Licensure Examination	Dr. Alnar Detalla Chairman, Professional Board of Electronics Engineering
9:41am – 10:00am	Continuing Professional Development and Career Progression of ECE Professionals in the Academe	Engr. Herminio Orbe Member, Professional Board of Electronics Engineering
10:01am – 10:20am	How Can Industry Help the HEIs?	Engr. Enrico Claro Delmoro Member, Professional Board of Electronics Engineering
10:21am – 10:40am	How Can Government Help the HEIs?	Engr. Allan Cabanlong Asst. Secretary Department of Information and Communications Technology
10:41am – 11:00am	IECEP Role in the 2018 ECE Curriculum	Dr. Rosula SJ Reyes President, IECEP, Inc

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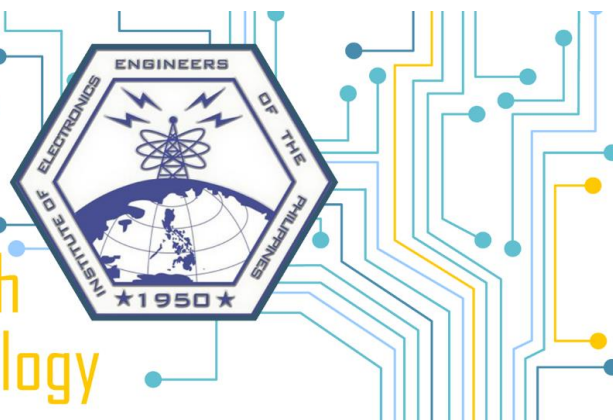
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11:01am – 12: 00nn	Panel Discussion and Awarding Ceremonies	Engr. Lory Bulay-og Engr. Melvin C. Acosta Forum Moderators
12:01nn – 1:00pm	L U N C H B R E A K	
1:01pm – 1:15pm	Micro-controller Based Stewart Motion Simulator with PID Tuning	Engr. Mishell G. Lawas – MSU-GSC Dr. Sherwin A. Guirnaldo – MSU-IIT Dr. Reggie C. Gustilo - DLSU
1:15pm – 1:30pm	Internet of Things (IoT) Monitoring for Stability of a Cognitive Aquaponics System using ESP8266 and Raspberry Pi: An Innovation in Precision Agriculture	Engr. Warren Nuñez, Engr. Christian Magapan, Engr. Hubert Rey Perez, Engr. Mario Flordelito Escudero University of San Carlos
1:31pm – 1:45pm	Drying Time Estimation of Mango Peels Using Artificial Neural Network with Internet of Things Integration	Engr. Warren Nuñez, Engr. Cesar Vic Alcones, Engr. Michah Cabrera, Engr. Mark Anthony Napallacan University of San Carlos
1:46pm – 2:00pm	A Wireless Sensor Network for Room Monitoring and Control System Using Xbee	Engr. Patrick Jason Piera, Engr. Jeanelyn Mangubat, Engr. Desiree Marie Torayno University of San Carlos
2:01pm – 2:15pm	Behavior Characterization of Reptilian Auditory System through the Application of VLF Ground-wave Propagation and Forward Masking Method	Engr. Ryann Alimuin, Dr. Elmer Dadios, Dr. Argel Bandala Technological Institute of the Phils. - Quezon City
2:16pm – 2:30pm	Blur Detection Based on Local Binary Patterns for Fundus Images	Dr. Rachel Chong Cebu Institute of Technology University
2:31pm – 2:45pm	Designing a Pre-Electronics Engineering Senior High School Curriculum Specializing in Communicative Computing Literacy for Community Development	Engr. King Harold Recto FEU Institute of Technology
2:46pm – 3:00pm	University extension programs gateway services information system	Engr. Ryan Arago Quezon City Polytechnic University
3:01pm – 3:15pm	Technical Presentation	Quexbook
3:16pm – 3:30pm	The Impact of the Innovation and Technology Support Offices(ITSOs) on Innovation, Intellectual Property (IP) Protection and Entrepreneurship in Philippine Engineering Education	Engr. Jeffrey Dellosa Caraga State University
3:31pm – 3:45pm	Growing Trends in Point of Care/Near Patient Testing	Engr. Michael de Mata Maxim Integrated
3:46pm – 4:00pm	Human Machine Interface Migration	Engr. Jessie de Toro STEAG State Power Inc.

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4:01pm – 4:15pm	Power Semiconductor: Industry Trend, Applications, Test Challenges and Solutions	Engr. Ramil N. Ramos, Hisao Kakitani, Ryo Takeda Ark One Solutions Inc./Keysight Technologies Inc., Japan Ltd.
4:16pm – 4:30pm	What Drives the Automotive Industry?: Current and Future Trends in Automotive Electronics	Engr. Ramil N. Ramos Ark One Solutions Inc.
4:31pm – 4:45pm	Tracking of Sun for Solar Panels and Real Time Monitoring Using LabVIEW	Engr. Lorenz Yatco National Instruments
4:46pm – 5:00pm	Awarding and Closing Ceremonies	