



# AGENDA



20<sup>th</sup> World Conference  
on  
Applied Science, Engineering  
and Technology

(WCASET-19)

26<sup>th</sup> June 2019

Kuala Lumpur, Malaysia

ORGANIZED BY  
INSTITUTE FOR ENGINEERING RESEARCH AND PUBLICATION (IFERP)



## Keynote Speaker



**Dr. Estrella O. Simon**

President  
First City Providential College  
Philippines



**Dr. I Made Putrawan**

Professor  
Universitas Negeri Jakarta  
Indonesia

## Session Chair



**Dr. Ricky Bustamante Pece**

Director,  
Linkages and International Affairs Office  
First City Providential College  
Philippines



**Dr. Echel S. Antero**

Vice President for Academic Affairs  
First City Providential College  
Philippines

## Time Schedule

Registration	-	08:00 AM	to	08:30 AM
Welcome Message by Moderator	-	08:30 AM	to	08:35 AM
Welcome Speech by IFERP CTO-Mr. Ranjan Sahu IFERP Director- Mr. Siddth Kumar	-	08:35 AM	to	08:40 AM
Keynote Speaker Speech	-	08:50 AM	to	09:30 AM
Session Chair Speech	-	09:30 AM	to	09:45 AM
Technical Session	-	09:45 AM	to	10:05 AM
Group Photo	-	10:05 AM	to	10:15 AM
Coffee Break	-	10:15 AM	to	10:30 AM
Technical Session	-	10:30 AM	to	12:50 PM
Lunch Break	-	12:50 PM	to	02:00 PM
Session Chair Speech	-	02:00 PM	to	2:15 PM
Technical Session	-	2:15 PM	to	3:55 PM
Coffee Break	-	3:55 PM	to	4:10 PM
Technical Session	-	4:10 PM	to	5:20 PM
Awards and Certificate Distribution	-	5:20 PM	to	5:40 PM
Feedback	-	05:40 PM	to	05:50 PM
Vote of Thanks by Moderator	-	05:50 PM	to	06:00 PM

## TECHNICAL SESSION

- 09:45 AM-09:55AM**      **Oral Presentation by Nor'ain Mohd Tajudin**  
*A Thinking-Based Learning Module for Enhancing 21 st Century Skills*
- 09:55 AM-10:05 AM**      **Oral Presentation by Patrice Xandria Mari A. Delos Reyes**  
*Institutional Study of Ecotourism Industry in Luisiana, Laguna: Linking Institutions to Natural Resource Conservation*
- 10:30 AM- 10:40 AM**      **Oral Presentation by Ahmad Najib**  
*Insilico Screening Chemical Compounds  $\alpha$ -Glucocidase Inhibitor From Cordia myxa L.*
- 10:40 AM- 10:50 AM**      **Oral Presentation by Revathi Sagadavan (Transferred from ICBM-19)**  
*Gap Refinement of Teaching And Learning Practice In Digital Era Via Informal Guidance*
- 10:50 AM-11:00 AM**      **Oral Presentation by Cucu Cahyana**  
*The Effect of Instructional Leadership and Naturalistic Intelligence on Students Citizenship Behavior toward Environment Mediated by Environmental Morale/Ethic*
- 11:00 AM-11:10 AM**      **Oral Presentation by Prayuningtyas Angger Wardhani**  
*Structural Model of Teachers' Citizenship Behavior, School Leadership and Personality Mediated by Motivation*
- 11:10 AM-11:20 AM**      **Oral Presentation by R. Sinta Dewi Sekarwati**  
*The Effect of Blended Learning Strategy and Students Personality on Students' Knowledge about The Basic Concepts of Ecology*
- 11:20 AM-11:30 AM**      **Oral Presentation by Jeyaletchumi P. (Transferred from ICMBPS-19)**  
*Safety of Frozen Shrimp Imported through Entry Points in Selangor, Malaysia*
- 11:30 AM-11:40 AM**      **Oral Presentation by Virsa Handayani**  
*Standardization and Bacteria Inhibitory Test of Purified Extract of Mahogany (Swietenia mahagoni (L.) Jacq) Seeds and Leaves*

- 11:40 AM-11:50 AM**      **Oral Presentation by John S. Flores**  
*NNCCS: Basis for Determining Level of Competencies of Beginning Nurses in Selected Hospitals in San Jose del Monte*
- 11:50 AM-12:00 PM**      **Oral Presentation by Guspri Devi Artanti**  
*Construct Validity of Biological Students' New Environmental Paradigm (NEP) Dimensions Based on Gender*
- 12:00 PM-12:10 PM**      **Oral Presentation by Achmad Zawawi**  
*Building Employees' Organizational Commitment Through Leadership Styles And Organizational Culture At Automotive Industry*
- 12:10 PM-12:20 PM**      **Oral Presentation by Fahrurrozi**  
*Model Assessment of Preliminary Reading Skills Based on Whole language Learning in Early Grade of Elementary School Students*
- 12:20 PM-12:30 PM**      **Oral Presentation by Jumadil Akhir**  
*Environmental Integrity Based On School Climate, Instructional Leadership And Personality*
- 12:30 PM-12:40 PM**      **Oral Presentation by Salihu Sabiu Musa (Transferred from ICMBPS-19)**  
*A Mathematical Modeling to Study the 2014-2015 Taiwan Dengue Outbreaks*
- 12:40 PM-12:50 PM**      **Oral Presentation by Ridwan Ardi**  
*PPKn Instructional Materials Development Based on Citizenship Behavior in Improving Students' Knowledge*
- 02:15 PM- 02:25 PM**      **Oral Presentation by Primož Podržaj**  
*Neural Network Programming in Python*
- 02:25 PM- 02:35 PM**      **Video Presentation by Rolando Barrameda**  
*Research on the cause of Traffic congestion in the Pala-pala Intersection.*
- 02:35 PM- 02:45 PM**      **Oral Presentation by Manal Suliman Omer**  
*A Pre-test via Partial Least Square Structural Equation Modeling with the Influence of Organisational Structures and Organisational Internal Factors on Construction*

- 02:45 PM- 02:55 PM**      **Oral Presentation by Ho Mui Yen**  
*Graphene-Based Coating for Corrosion Application*
- 02:55 PM- 03:05 PM**      **Oral Presentation by Ho Mui Yen**  
*A Green Synthesis Of Grpahene Based Composite For Energy Storage Application*
- 03:05 PM- 03:15 PM**      **Oral Presentation by Paul Dominic I. Tecson**  
*Utilizing Simultaneous Localization and Mapping (SLAM) in Augmented-Reality Shell Game for iOS Mobile Phone*
- 03:15 PM- 03:25 PM**      **Oral Presentation by Amirah Nurhafizah Abu Bakar**  
*Real-Time Wireless Energy Management System of Miniature Standalone Photovoltaic Application*
- 03:25 PM- 03:35 PM**      **Oral Presentation by Bambang Sugiyono Agus Purwono**  
*The Effect between number of water turbine blades and water flowrate to the power generated by Mycro Hydro Power Plant (MHPP) using Crossflow type NACA 63210*
- 03:35 PM- 03:45 PM**      **Oral Presentation by Genrech L. Lalas**  
*Save Your Grades! A 3D Mobile Educational-Entertainment Game Using Ant Colony Algorithm*
- 03:45 PM- 03:55 PM**      **Oral Presentation by Sudarmadji**  
*Strategy Development for Wind Turbines NACA 6412 Decision making*
- 04:10 PM- 04:20 PM**      **Oral Presentation by Maryli Rosas**  
*Predicting The Relationship Between Parent-Teaching Activities And Emergent Literacy In Preschool Children Of Oxford Louise Academy Of Dasmarinas Using A Correlation And Clustering Analysis: A Data Mining Approach*
- 04:20 PM- 04:30 PM**      **Oral Presentation by Zurina Zainal Abidin**  
*The application of 3-D wire cloth electrode for higher throughput dielectrophoretic separation experiment*
- 04:30 PM- 04:40 PM**      **Oral Presentation by Kevin Luwemba Mugumya**  
*The role of Linked Building Data (LBD) in Aligning Augmented Reality (AR) with Sustainable Construction*

**04:40 PM- 04:50 PM**

**Oral Presentation by Djoko Sihono Gabriel**

*Utilization scheme of ablution water as an alternative water resource: A case study of Istiqlal Mosque, Jakarta*

**04:50 PM- 05:00 PM**

**Oral Presentation by Cris Austin A. Capili**

*Hydroponics Monitoring System*

**05:00 PM-05:10 PM**

**Oral Presentation by Nurul Isstifa Iyah Aminuddin**

*Evaluation Of The Co-Delivery Of Diagnostic And Therapeutic Agents In Polymeric Micelles For Triple Negative Breasts Cancer Treatment*

**05:10 PM-05:20 PM**

**Oral Presentation by Josephine Eduardo**

*Fuzzy Logic: A Technique for Assessing Students' Learning Performance*