

# **International Conference on Science, Engineering and Technology**

**(ICSET-2021)**

**28<sup>th</sup> & 29<sup>th</sup> January, 2021**

**Singapore**

**Conference Agenda**

**Organized By**

*Institute For Engineering Research and Publication  
(IFERP).*

# Keynote Speakers



**Dr. Rolando R. Lansigan**

**Vice President, Internal Affairs**  
***Philippine Society of Information***  
***Technology Educators - PSITE***  
***Philippines.***



**Dr. Lampong Klomkul**

**Director for Research, Information  
and Academic Services Division,  
ASEAN  
Studies Centre,  
*Mahachulalongkornrajavidyalaya  
University, Thailand.***

# Session Chair



**Dr. Singam Jayanthu**

**Professor**

**Mining Engineering Department,  
National Institute of Technology,  
Rourkela, India.**

# Time Schedule (Day 1)

## 28th January 2021

09:00A.M - 09:15A.M	Introduction & Welcome Speech by Moderator
09:15 A.M - 09:30 A.M	Welcome Speech by <b>Mr. Ranjan Subhra</b> - <i>Chief Technology Officer (CTO), Technoarete Research and Development Association.</i>
09:30A.M. – 10:00A.M	Speech by Keynote Speaker <b>Rolando R. Lansigan</b>
10:00AM – 10:30 AM	Speech by Keynote Speaker <b>Dr. Lampong Klomkul</b>
10:30 AM - 01:00 PM	Technical Session I
01:00 PM - 01:30 PM	<b>Lunch Break</b>
01:30PM - 05:20 PM	Technical Session II
05:30 PM	Vote of thanks

**Time Zone: Singapore Time Zone  
(GMT+8)**

**DAY 1**  
**28<sup>th</sup> JANUARY 2021**

# Technical Session I

- 10:30 AM - 10:40 AM** **Power Capacity Assessment of Hybrid Diesel-Solar Photovoltaic Microgrid of Tablas Island, Romblon**  
*Presentation by Junrey Garcia*
- 10:40 AM - 10:50 AM** **Research-Based Learning applied in of first semester courses of engineering programs (preliminary study)**  
*Presentation by C. J. Diliegros-Godines*
- 10:50 AM - 11:00 AM** **The Moderating Role of Intellectual Capital on the Long-Run nexus of Information Security Breaches and Firms Market Value: A Conceptual Framework**  
*Presentation by Syed Emad Azhar Ali*
- 11:00 AM - 11:10 AM** **Factors Influence The Use Of Social Media For Environmental Sustainability Awareness In HEI**  
*Presentation by Abeer Abdullah Abdulmajid Mohammed*
- 11:10 AM - 11:20. AM** **A Virtual Reality (VR): A Review on its Application in Construction Safety**  
*Presentation by Jobelle S Dajac*
- 11:20 AM - 11:30 AM** **Compared and Properties of Oil Palm Empty Fruit Bunching fibers to be used as a roofing material**  
*Presentation by Kittisak Buasri*
- 11:30 AM - 11:40 AM** **Solid waste management strategy as an alternative energy source for the economic driver in Gading Kasri Malang City**  
*Presentation by Puput Dani Prasetyo adi*

- 11:40 AM - 11:50 AM** Challenges and opportunities in the field of information and communications technology (ICT) due to covid-19 pandemic and migration towards the new normal  
*Presentation by Ravenal A. De Jesus*
- 11:50 AM - 12:00 PM** Raising Student Engagement in e-Learning Environment : An Analysis of VLE Learning Resources  
*Presentation Presentation by Abu Hassan Darusman*
- 12:00 PM - 12:10 PM** Corrosion studies of carbon steel using inhibitor of citrus X sinensis and punica granatum peel extract in phosphoric acid medium  
*Presentation by Dr. C. Stella packiam*
- 12:10 PM -12:20 PM** Green synthesis of metal oxide nanoparticles from the whole plant extract of Catharanthus pusillus(murr.) G.Don(apocynaceae) and their enhanced antioxidant activity  
*Presentation by Yokeswari Nithya*
- 12:20 PM -12:30 PM** Studies On Mechanical, Thermal And Third Order NLO Properties Of Potassium Magnesium Sulphate Crystals  
*Presentation by N.Rathna*
- 12:30 PM -12:40 PM** ICT-BL and latest Trends during the covid-19  
*Presentation by Dr. Abdullah M. Al-Ansi*
- 12:40 PM -12: 50 PM** Marketing Factors that Affecting the Purchase of Condominium in Bangkok Thailand  
*Presentation by Dr. Pensri Bangbon*
- 12:50 PM - 01:00 PM** Exploring the antecedents, drivers, and outcome of Behaviour-based safety: A literature review  
*Presentation by Sujata Sinha.*



# Technical Session II

01:30 PM- 01:40 PM

The Integration of Soft Skills in English Language Teaching through AL-ASPEM

**Presentation by Dr. Patcharobon Jariyathitinant**

01:40 PM- 01:50 PM

A Causal Relationship Model of Factors Affecting Competitiveness of Community Enterprise in the Central Region

**Presentation by Asst. Prof. Dr. Pinyapat Nakpibal**

01:50 PM- 02:00 PM

Innovation of Community Potential Development in Khlong Luang district, Pathum Thani province.

**Presentation by Asst. Prof. Dr. Pinyapat Nakpibal**

02:00 PM -02:10 PM

Study of the readiness for digitalization of the industrial enterprises in the North-Eastern Region

**Presentation by Siyka Demirova**

02:10PM -02:20 PM

Information Security Behavior of IT Professionals (Role of Polices and Compliance

**Presentation by Rao Faizan Ali**

02:20 PM -02:30 PM

Nganjuk.Hitzz: Innovation Of 360o Based Tourism Information System Development Destination In Nganjuk

**Presentation by Dian Ahmad Sasmito**

\*\* Singapore Time Zone (GMT+8)

**02:30 PM - 02:40 PM**

**The Determinants of the Innovation-Friendly Environment in Europe in the Period 2000-2019**

*Presentation by Alberto Costantiello*

**02:40 PM - 02:50 PM**

**Social and cultural values for the sustainability of local tourism**

*Presentation by María de los Ángeles Caycho Reyna*

**02:50 PM - 03:00 PM**

**Solar Energy Monitoring for IOT with fault Detection and Temperature sensing Mechanism**

*Presentation by Sonali Laxman Dushing*

**03:00 PM -03:10 PM**

**Integration of ICT in academic and administrative management processes**

*Presentation by Edwin Martinez-Alvarez*

**03:10 PM - 03:30 PM**

**Conceptualization of chemical kinetics using a visually enhanced teaching technique; a developed MS Excel worksheet/system**

*Presentation by L.S.L.K. Fernando*

**03:30 PM -03:40 PM**

**Pedagogical leadership and educational management in the teaching practice of SENA in Colombia**

*Presentation by Verónica Johana Suárez Molina*

**03:40 PM -03: 50 PM**

**Digital Technology Innovations And Information Security Policy Impact On Healthcare Transformation In Developing Countries**

*Presentation by Ebrahim. A B.Ghaleb*

**03:50 PM - 04:00PM**

**Single-word speech recognition using convolutional CNN neural networks**

*Presentation by Nurbapa Mekebayev*

**04:00 PM - 04:10 PM**

**Relevance of Zero Trust Network Architecture amidst and it's rapid adoption amidst Work From Home enforced by COVID-19**

*Presentation by Dr Aniket Deshpande*

**04:10 PM -04:20 PM**

**Study the influence of Laser Energy on the Surface Morphology of Zinc Nano-particle Prepared by Pulsed Laser extirpation Method in Liquid**

*Presentation by Ali Abid Abojassim*

**04:20 PM -04: 30 PM**

**Gender differences in learning mathematics with Digital Games**

*Presentation by L. K. Pulasthi Dhananjaya Gunawardhana*

**04:30 PM - 04:40 PM**

**Application of the King's Philosophy in the Professional Learning Community to Develop Classroom Learning Promotion Network in Schools in Kanchanaburi Province**

*Presentation by Assoc. Prof. Dr. Karanphon Wiwanthamomgkon*

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

**Business Operation Approach of Small and Medium Enterprise in Pathumthani Province**

*Presentation by Dr. Pensri Bangbon*

**04:50PM – 05:00 PM**

**Non-dimensional numbers analysis of a grain dryer**

*Presentation by Dhananjay Kumar*

**05:00PM – 05:10 PM**

**Analysis of physical properties of the HAT-P-12b planetary system**

*Presentation by Sommkorn Chaiwarakorn*

**05:10PM – 05:20 PM**

**The Administration Model Complexity of School under the Secondary Educational Service Area Office**

*Presentation by Phramaha Santichai Abhisanti*

**\*\*\* End of the Session \*\*\***

**Thank You!**