

# AGENDA



**4<sup>th</sup> International Conference on Emerging  
Trends on Engineering Science, Technology  
and Management (ICETESTM-2020)**

**26<sup>th</sup> – 27<sup>th</sup> December 2020**



## Conference Chair



**Dr. Bambang Sugiyono AP**

Associate Professor  
State Polytechnics of Malang  
Indonesia

## Keynote Speakers



**Dr. Jovito B. Madeja**

Research Director  
Eastern Samar State University  
Philippines



**Prof. Ts. Dr. Intan Zaurah Mat Darus**

Professor  
School of Mechanical Engineering  
Universiti Teknologi Malaysia  
Malaysia



**Dr. Macario G. Gayeta**

Professor  
University of the East Caloocan  
Philippines



**Dr. Moch. Jasin, MM., MH**

Assistant Professor  
Universitas Islam Negeri Syarif Hidayatullah  
Indonesia



**M.V. Reddy**

Senior Researcher  
Institute of Research Hydro-Québec, CETEES  
Canada



**Vesna Lavtizar**

Policy Researcher  
Institute for Global Environmental Strategies  
Japan

## Program Schedule

26/12/2020

Time Zone in Jakarta, Indonesia (GMT+7)

1	<b>Introduction &amp; Welcome Speech by Moderator</b>	<b>09:00 A.M. -09:10 A.M.</b>
2	<b>Welcome Speech by Mr. Siddh Kumar (MD- Technoarete)</b>	<b>09:10 A.M. -09:20 A.M.</b>
3	<b>Welcome Speech by Dr. Ir. Bambang Sugiyono Agus Purwono, MSc</b>	<b>09:20 A.M. -09:30 A.M.</b>
4	<b>Keynote Speech by Dr. M.V. Reddy</b>	<b>09:30 A.M. -09:50 A.M.</b>
5	<b>Keynote Speech by Dr. Moch. Jasin, MM., MH</b>	<b>09:50 A.M. -10:10 A.M.</b>
6	<b>Keynote Speech by Prof. Ts. Dr. Intan Zaurah Mat Darus</b>	<b>10:10 A.M. -10:30 A.M.</b>
7	<b>Keynote Speech by Dr. Jovito B. Madeja</b>	<b>10:30 A.M. -10:50A.M.</b>
8	<b>Technical Session</b>	<b>10:50 A.M. –13:05 P.M.</b>
9	<b>Lunch Break</b>	<b>13:05 P.M. – 13:15 P.M.</b>
10	<b>Technical Session</b>	<b>13:15 P.M. – 15:20 P.M.</b>
11	<b>Vote of Thanks</b>	<b>15:20 P.M. – 15:30 P.M.</b>

# Day 1 (26/12/2020)- Technical Session

1. Law Construction for ADIZ Implementation beyond the Airspace Sovereignty from the Perspective of Defence Strategy - **Lidia Rina Dyahtaryani**  
(10:50 A.M. - 11:05 A.M.)
2. "ASEAN Open Sky Policy and Air Freedom Rights from the Perspective of Defence Strategy and the Airspace Sovereignty" - **Lilly S. Wasitova**  
(11:05 A.M. - 11:20 A.M.)
3. "The Use of Drones: From the Perspective of Regulation and National Defence and Security" - **Arif Mustofa**  
(11:20 A.M. - 11:35 A.M.)
4. Online Learning Using Interactive Digital Comics in the Era of the Covid-19 Pandemic - **Husnul Khotimah**  
(11:35 A.M. - 11:50 A.M.)
5. The Regulatory Reconstruction of Baitul Maal WaTamwil (BMT) towards Efforts to Protect the Community - **Solikhah**  
(11:50 A.M - 12:05 P.M.)
6. The Role of Visual Media in Improving the Quality of Publication and Promotion of Batik Training - **Augustina Ika Widayani**  
(12:05 P.M. - 12:20 P.M.)
7. Impact of Design for Material Value Conservation on Flexible Plastic Packaging towards the Life Cycle of Plastic Materials - **Ekya Andrianta Pinem**  
(12:20 P.M. - 12:35 P.M.)
8. Capacity Estimation for 5G Cellular Networks - **Vincent Yong Kai Loung**  
(12:35 P.M. - 12:50 P.M.)
9. Development of Grey water Utilization Scheme as an Alternative of Water Source at a Hotel - **Rangga Pradipta Dwitiya**  
(12:50 P.M. - 13:05 P.M.)
10. Rainwater Harvesting Scheme as Additional Source of Clean Water at an Apartment - **Hilmy Fathul Jabbar**  
(13:20 P.M. - 13:35 P.M.)
11. A review on IoT cloud and M2M communication systems - **Raki Youness**  
(13:35 P.M. - 13:50 P.M.)
12. Analysis of Familiar and Unfamiliar Images Using Power Spectral Estimation for EEG Authentication System - **Fatin Atiqah Rosli**  
(13:50 P.M. - 14:05 P.M.)

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| 13. Under the Internet + model, combined with push-pull theory to explore the factors affecting the behavioral intentions of the Endowment Tourism in the elderly | - | <b>CHUEN HUA PAN</b><br><i>(14:05 P.M. - 14:20 P.M.)</i>          |
| 14. Land Acquisition System Model with Analytical Hierarchy Process and Geographic Information System on Toll Road Infrastructure Projects.                       | - | <b>Kukuh Widyo Utomo</b><br><i>(14:20 P.M. - 14:35 P.M.)</i>      |
| 15. Novid: A Therapeutic Device Against COVID   | - | <b>Felix Pasila</b><br><i>(14:35 P.M. - 14:50 P.M.)</i>           |
| 16. Role of Digitization in sustainableBusiness in Auto Industry in India   | - | <b>Prakash wagh</b><br><i>(14:50 P.M. - 15:05 P.M.)</i>           |
| 17. Binary Kidney-Inspired Algorithm for Kidney Exchanges   | - | <b>Wael M. F. Abdel-Rehim</b><br><i>(15:05 P.M. - 15:20 P.M.)</i> |
| 18. Wideband MIMO antenna for SCADA Wireless Communication Backhaul Application   | - | <b>Vincent Yong Kai Loung</b><br><i>(15:20 P.M. - 15:35 P.M.)</i> |

## **Program Schedule**

**27/10/2020**

**Time Zone in Jakarta, Indonesia (GMT+7)**

<b>1</b>	<b>Introduction &amp; Welcome Speech by Moderator</b>	<b>09:30 A.M. -09:40 A.M.</b>
<b>2</b>	<b>Welcome Speech by Dr. Ir. Bambang Sugiyono Agus Purwono, MSc</b>	<b>09:40 A.M. -09:50 A.M.</b>
<b>4</b>	<b>Keynote Speech by Dr. Macario G. Gayeta</b>	<b>09:50 A.M. -10:20 A.M.</b>
<b>5</b>	<b>Keynote Speech by Vesna Lavtizar</b>	<b>10:20 A.M. -10:50 A.M.</b>
<b>6</b>	<b>Technical Session</b>	<b>10:50 A.M. -13:10 P.M.</b>
<b>7</b>	<b>Valedictory Function &amp; Vote of Thanks</b>	<b>13:10 P.M. – 13:30 P.M.</b>

## Day 2 (27/12/2020) - Technical Session

1. Tourism Retribution Policies to Nusa Penida Tourism Development: A Legal Perspective Review - **Putu Eva Ditayani Antari**  
(10:50 A.M. - 11:00 A.M.)
2. Teachers' Readiness in Teaching Flood Disaster Mitigation, Portrayed By The Teacher's Pedagogical Content Knowledge (Pck): A Case Study In Pelalawan District, Riau Province, Indonesia - **M J Adi Putra**  
(11:00 A.M. - 11:10 A.M.)
3. CUSTOMARY CRIMINAL LAW POLICY AGAINST FISHERIES CRIME IN INDONESIA - **Riska Andi Fitriono**  
(11:10 A.M. - 11:20 A.M.)
4. Customer Experience, Customer Engagement and Customer Loyalty in Indonesian E-Commerce Online Retail - **Rudy**  
(11:20 A.M. - 11:30 A.M.)
5. Development Of A Community Based E-Prescription System - **MELBERN ROSE MALTEZO**  
(11:30 A.M. - 11:40 A.M.)
6. Biocompatible self-assembled hyaluronic acid based nanogel increased aqueous solubility and stability of asiatic acid - **Yu Yu Win**  
(11:40 A.M. - 11:50 A.M.)
7. Conceptual Framework of Talent Management Affecting Employee Performance of State Government Employees in Malaysia - **Iskandar Hasan Tan Abdullah**  
(11:50 A.M. - 12:00 P.M.)
8. Conceptual Framework of Talent Management Affecting Employee Performance of State Government Employees in Malaysia - **Jayasundhara H.D.A.M**  
(12:00 P.M. - 12:10 P.M.)
9. Sharia Corporate Governance and Financial Reporting Timeliness: Evidence of the Implementation of Banking Regulations in Indonesia - **Zulfikar Zulfikar**  
(12:10 P.M. - 12:20 P.M.)
10. Character Education in Improving Student Achievement at Labschool UNJ - **Achmad Sofyan**  
(12:20 P.M. - 12:30 P.M.)
11. The Perceived Effects of Festivals in the Heritage City of Vigan, Philippines - **Richel Royce T. Chan**  
(12:20 P.M. - 12:30 P.M.)
12. THE USE OF CYBER COMMUNITY ON TOURISM WORKERS - **Putri Ekaresty Haes**  
(12:30 P.M. - 12:40 P.M.)



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| 13. Development of Rainwater Utilization Scheme as an Alternative of Water Source at a Hotel   | - | <b>Deviyanti</b><br>(12:40 P.M. - 12:50 P.M.)                |
| 14. Influence of Vacuum Impregnation with Different Substances on the Proline Content and Organoleptic Properties of Spinach Leaves            | - | <b>NOOR LIYANA YUSOF</b><br>(12:50 P.M. - 13:00 P.M.)        |
| 15. Prevalence of Multidrug Resistant Escherichia coli in Ready-to-Eat Chicken Shawarma Sandwich Sold at Restaurants in Klang Valley, Malaysia | - | <b>Nor Ainy Mahyudin</b><br>(13:00 P.M. - 13:10 P.M.)        |
| 16. Lightning Localization System Application for Overhead Line Lightning Performance Improvement in Malaysia                                  | - | <b>Noradlina binti Abdullah</b><br>(13:10 P.M. - 13:10 P.M.) |

# Thank you