





27th & 28th December 2024 | Bangkok, Thailand

Organized by IFERP Academy - Thailand Society

<u>Academic Partner</u> Shinawatra University, Thailand SHINAWATRA







27th & 28th December 2024 | Bangkok, Thailand

Guest of Honour

Time zone in Thailand (GMT+7)



Dr. Pratikshya Bhandari Director, International Affairs lectureFaculty of Management Shinawatra University Pathum Thani, Thailand



Mr.Siddth Kumar Chhajer Founder & Managing Director, IFERP, Technoarete Group, India.







27th & 28th December 2024 | Bangkok, Thailand

Guest of Honour



Dr. Venus Dennen Claver

Manager International Relations, Shinawatra University.



Ms. Julie Simon Macariola, Manager, International Relations, Shinawatra University



Applied Science, Engineering and Technology (WCASET-2024)



27th & 28th December 2024 | Bangkok, Thailand

Keynote Speakers

Dr. Aswath M U Principal Bangalore Institute of Technology, India.



Prof . Dr Zahriladha Zakaria BEM, SMIEEE

Centre for Telecommunication Research & Innovation (CeTRI) Faculty of Electronic and Computer Technology and Engineering, Universiti Teknikal Malaysia Melaka (UTeM), Malaysia.

Time zone in Thailand (GMT+7)



Dr. MUHAMAD FIRDAUS SYAHMI BIN SAM-ON

Senior Lecturer Department of Food Sciences, Faculty of Science and Technology Universiti Kebangsaan, Malaysia.







27th & 28th December 2024 | Bangkok, Thailand

Keynote Speakers



Assoc Prof Dr. Gurmeet Singh

Vice Principal Head to the P.G. Department of Mathematics GSSDGS Khalsa College (Autonomous) Patiala, Punjab.



Prof. V. Venkata Ramana Vice-Chairman, Telangana State Council

of Higher Education (TSCHE) & Vice-Chancellor, Rajiv Gandhi University of Knowledge Technologies, Basar & Professor, School of Management Studies, University of Hyderabad, Telangana. India.

Time zone in Thailand (GMT+7)



Dr. Prakash Subramaniam Dean Sathyabama Institute of Science & Technology, India.







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Keynote Speakers



Dr. Mrutunjaya Bhuyan Ramanujan Faculty (Scientist D) Institute of Physics, Bhubaneswar, India.



Dr. Sipnarong Kanchanawongpaisan

Deputy Director The Institute of Multidisciplinary Postdoctoral and Franchise Program (IPF), Thailand.

Time zone in Thailand (GMT+7)



Dr. A. K. Mahbubul Hye Chairperson, Logistic and Supply Chain, Faculty of Management, Shinawatra University, Thailand.



Applied Science, Engineering and Technology (WCASET-2024)



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Session Speakers



Prof. Dr. Froilan Mobo Professor II Philippine Merchant Marine Academy, Philippines.



Dr. Kayatri Govindaraju Head of Department Department of Pharmaceutical Life Sciences Universiti Malaya, Malaysia.

Time zone in Thailand (GMT+7)



Asst Prof. Dr. Yogesh Golhar St. Vincent Pallotti College of Engineering & Technology Nagpur University, India.







Time zone in Thailand (GMT+7)

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Session Speakers



Asst Prof. Dr. Johannes V. Gloria North Eastern Mindanao State University, Philippines.



Dr. Suha Khanfar Doctor of business administration International American University, Jordan.



PROF. DAISY MAE R. BONGTIWON

Eulogio Amang Rodriguez Institute Of Science and Technology De la salle University Manila, Philippines.



Applied Science, Engineering and Technology (WCASET-2024)



27th & 28th December 2024 | Bangkok, Thailand

Session Speakers



Assoc Prof. Dr. Dowroong Watcharinrat Faculty of Liberal Arts Shinawatra University, Thailand.



Dr. Anu Sayal Faculty of Business and Law School of Accounting and Finance, Taylor's University.



Prof Dr. Chitra Kiran. N Department of ECE, Alliance College of Engineering, Alliance University, Bengaluru, India.



Applied Science, Engineering and Technology (WCASET-2024)



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Session Chairs



Dr.B.Purnachandra Rao, Sr Solutions Architect HCL Technologies Bangalore, India.



Dr. Manikandan T Professor Department of CSBS Rajalakshmi Engineering College, Rajalakshmi Nagar, Thandalam, Chennai



Dr.S.Ramesh Assistant Professor (SS), Department of Mechatronics Engineering, Rajalakshmi Engineering College, Thandalam, Chennai

Time zone in Thailand (GMT+7)



Dr.Nasreen Khan Assistant Professor, Department of Management Sciences Szabist University Dubai , UAE







27th & 28th December 2024 | Bangkok, Thailand

Session Chairs



Dr. MADHURIMADASGUPTA,HOD, DEPARTMENT OF GENDER STUDIES, ASHADI WISDOM CAMPUS, Sri Lanka &

Post-doctoral fellow, Abo-Akademi University, Finland



DR. LHYNETTE T. ZAMBALES

Assistant Professor, College of Business PALAWAN STATE UNIVERSITY Palawan , Philippines

Time zone in Thailand (GMT+7)



Dr. Jemmarie G. SuetosAssistant Professor II College of Agriculture Food and Sustainable Development







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Moderators









Ms. Ena Marie Tiro Shinawatra University

Mr. Ajarn Aleksei Shinawatra University

Ms. Yulia Febrianti Putri UIN Sulthan Thaha Saifuddin Jambi

Ms. Syaikha Zakira Denila UIN Sulthan Thaha Saifuddin Jambi







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Event Facilitators



Dr. Venus Dennen Shinawatra University



Ms. Busaya Chaysuriya Shinawatra University



Ms Heart Mahinay Shinawatra University



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Program Schedule Day1 – Physical – 27/12/2024

Time zone in Thailand (GMT+7)

08:30 AM - 09:00 AM	Registration desk
09:00 AM - 09:30 AM	Introduction by Moderator
09:30 AM - 09:55 AM	Speech By Keynote Speaker Dr. MUHAMAD FIRDAUS SYAHMI BIN SAM-ON
09:55 AM - 10:20 AM	Speech By Keynote Speaker Assoc Prof Dr. Gurmeet Singh
10:20 AM - 10:45 AM	Speech By Keynote Speaker Dr. Sipnarong Kanchanawongpaisan
10:45 AM - 11:00 AM	Networking Break
11:00 AM - 11:30 AM	Inaugural Ceremony
11:30 AM - 11:55 AM	Speech By Session Speaker Assoc Prof. Dr. Dowroong Watcharinrat
11:55 AM – 12:20 PM	Speech By Keynote Speaker Dr. A. K. Mahbubul Hye
12:40 PM - 01:30 PM	Lunch Break
01:30 PM -02:50 PM	Technical Session 1A
02:50 PM -03:00 PM	Networking Break
03:00 PM - 03:05 PM	Valedictory Function
03:05 PM - 03:10 PM	Vote of Thanks







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Inaugural Ceremony Day1 – Physical – 27/12/2024 Time zone in Thailand (GMT+7)

Inaugural Speech by Mr. A. Siddth Kumar Chhajer	
Inaugural Speech by Dr. Manikandan T	
Inaugural Speech by Dr.S.Ramesh	
Inaugural Speech by Dr. Sipnarong Kanchanawongpaisan	
Inaugural Speech by Dr. Pratikshya Bhandari	
Inaugural Speech by Dr. Venus Dennen Claver	
Proceeding Booking Release	
Memento Distribution	
Award Ceremony	

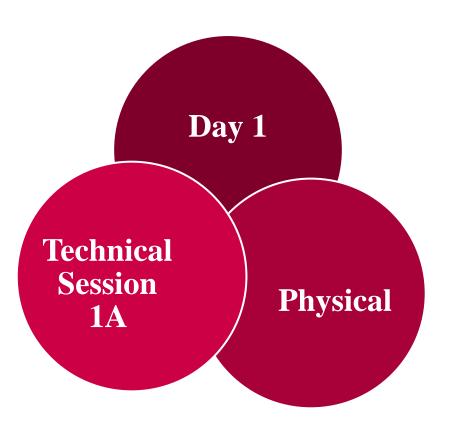


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Time zone in Thailand (GMT+7)





Applied Science, Engineering and Technology (WCASET-2024)



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Technical Session 1A

Time zone in Thailand (GMT+7)

01:30 PM - 01:38 PM	Exploring the Potential of Purple Sweet Potato Extract as a Natural Reagent for Copper Ion Detection for Green Chemistry and Sustainable Education
	Presentation by Annida Nurul Shabrina
01:38 PM - 01:42 PM	The Impact of Community Activities on the Level of Seawater Pollution at Kualo Beach, Bengkulu City
	Presentation by Linda Alfionita
01:42 PM - 01:50 PM	Factors Influencing Young Workers Towards Digital Labour Platforms
	Presentation by Siti Suraya Abd Razak
01:50 PM - 01:58 PM	Fostering Case-Based Learning by Developing Hypermedia-Based Module in Educational Statistics
01.50 1 1 - 01.50 1 1	Presentation by Fahlulia Rahma Shofiana
01:58 PM - 02:06 PM	Innovating Roleplay Method Assisted By WhatsApp Bots as Learning Media for ESP: Insights from Student Experiences
U1.30 F W1 - U2:UU F WI	Presentation by Novita Dyah Pitaloka
02:06 PM - 02:14 PM	Optimizing Job Search: A Practical Guide to Using Personality Tests for Better Career Alignment
02.001101-02.141101	Presentation by Annisa Wulandari
	The Role of Nano-Biofertilizer in Agroecosystem Conservation for Plants Under Stressed and Non-Stressed Conditions
02:14 PM - 02:22 PM	Presentation by Niken Agustin
	Study Spatial Kampung Pahandut, History and Image Regional of Palangka Raya Cities
02:22 PM - 02:30 PM	Presentation by Tari Budayanti Usop
	Assessing the Accuracy of Random Forest in Mapping Urban Green Cover in Baguio City Using Sentinel-2 Imagery and Spectral
02:30 PM - 02:38 PM	Indices
	Presentation by Joan M. Peralta
02:38 PM - 02:46 PM	OMNI Personality Traits as an Alternative Measurement in Enhancing Business and Management Education Practices
	Presentation by Made Jessita Kirandra



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Program Schedule Day – 2 Virtual – 28/12/2024

Time zone in Thailand (GMT+7)

0	
09:00 AM - 09:05 AM	Introduction by Moderator
09:05 AM - 09:15 AM	Speech By Keynote Speaker Dr. Aswath M U
09:15 AM - 09:25 AM	Speech By Keynote Speaker Prof . Dr Zahriladha Zakaria
09:25 AM - 09:35 AM	Speech By Keynote Speaker Dr. Prakash Subramaniam
09:35 AM - 09:45 AM	Speech by Session speaker Dr. Kayatri Govindaraju
09:55 AM - 10:05 AM	Speech by Session speaker Prof. Dr. Froilan Mobo
10:15 AM - 10:25 AM	Speech by Session speaker Asst Prof. Dr. Johannes V. Gloria
10:25 AM - 12:43 AM	Technical Session 1 A
12:43 AM - 12:58 PM	Networking Break
12:58 PM - 01:08 PM	Speech by Session speaker Dr. Anu Sayal
01:08 PM - 01:18 PM	Speech by Session speaker Asst Prof. Dr. Yogesh Golhar
01:18 PM - 01:28 PM	Speech by Session speaker Dr. Suha Khanfar
01:28 PM01:38 PM	Speech By Keynote Speaker Prof. V. Venkata Ramana
01:38 PM - 01:48 PM	Speech By Session Speaker PROF. DAISY MAE R.
01:48 PM - 01:58 PM	Speech By Session Speaker Dr. Chitra Kiran. N
01:58 PM - 02:08 PM	Speech By Keynote Speaker Dr. Mrutunjaya Bhuyan
02:08 PM - 06:00 PM	Technical Session 2 A
06:00 PM - 06:05 PM	Valedictory Function
06:05 PM - 06:10 PM	Vote of Thanks

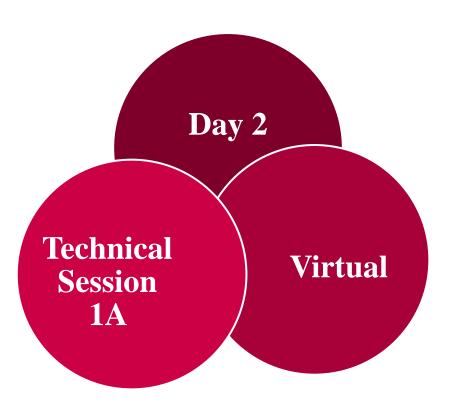


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Applied Science, Engineering and Technology (WCASET-2024)



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Technical Session 1A

Time zone in Thailand (GMT+7)

10:25 AM - 10:33 AM	Fostering the Next Generation of Farmers: The Critical Role of Teachers in Rural Areas in Indonesia Presentation by Yogaprasta Adi Nugraha
10:33 AM - 10:41 AM	From Remote Village to Tourist Destination: Transforming Community-Based Tourism through Village Leadership and Ancillary Aspects Presentation by Mariana Rista Ananda Siregar
10:41 AM - 10:49 AM	Advancing Cardiovascular Diagnostics: Deep Learning Approaches For Heart Disease Detection Presentation by Dr. S. Sasikala
10:49 AM - 10:57 AM	Significance of Intelligent Machine Learning Techniques in Forecasting the Development and Progression of Multiple Sclerosis Presentation by Ms. E. Kavipriya
10:57 AM - 11:05 AM	Predictive Analysis of Hashimoto's Thyroiditis Using Advanced Machine Learning Techniques Presentation by Dr. S. Sasikala
11:05 AM - 11:13 AM	Prognosis Prediction of Carcinoma Using Novel Feature Selection in Machine Learning Techniques Presentation by Dr. D. Priyadharsini
11:13 AM - 11:21 AM	The Multiplying Effect of Micronutrients Deficiency on Human Development in ASEAN Countries Presentation by Dewi Firda Sari
11:21 AM - 11:29 AM	Faculty Understanding of Student Learning Outcomes to Develop Teaching and Learning Activities Presentation by Roberto Layague Jr



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Technical Session 1A

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11:29 AM - 11:37 AM	Investigating Factors Affecting Leadership Styles and Their Impact on Employee Turnover at a Pharmaceutical Organisation in Johannesburg, South Africa Presentation by Prof. Barnes Sookdeo
11:37 AM - 11:45 AM	Exploring International Sales Factors and Growth Impact for Mrembo Naturals Limited in Rwanda Presentation by Prof. Barnes Sookdeo
11:45 AM - 11:53 AM	Nanobots: Revolutionising Medicine and Beyond – A Comprehensive Review Presentation by Vinita Khatri
12:03 PM - 12:11 PM	Research on the Application of Transformer Deep Learning Model in Content Analysis and Theme Modeling of the Prajnaparamita Heart Sutra Presentation by Wei Meng
12:11 PM - 12:19 PM	The Role of Documentary Film in Interior Design Education Presentation by Titi Indahyani
12:19 PM - 12:27 PM	The Design of a New Single Phase Cascaded Quasi-Z-Source Inverter with High Boost and Better THD Presentation by Ahamed Al-Arifin
12:27 PM - 12:35 PM	Integrating Virtual Experiential Learning Activities Through Interactive Website for Interior Design Education Presentation by Titi Indahyani
12:35 PM -12:43 PM	Developing a New Instructional Model for Sustainable Education in MIMAROPA State Universities and Colleges during the New Normal Presentation by Jergen Jel C. Labaria

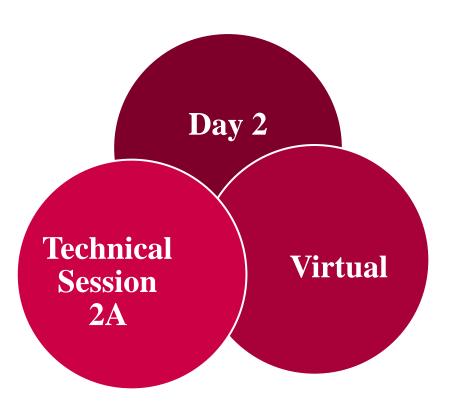


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Technical Session 2A

Time zone in Thailand (GMT+7)

02:08 PM - 02:16 PM	Precision Magnetic Field Monitoring and Dynamic Calibration Presentation by Niraj Gahukar
02:16 PM - 02:24 PM	An Exploratory Approach to Managerial Innovation: From Distinctive Characteristics to Practice Presentation by Lazaar Ikram
02:24 PM - 02:32 PM	Hybrid Energy Solutions: Solar-Tracking Panels and Piezoelectric Pavement Integration for Sustainable Power Generation Presentation by Niraj Pandit
02:32 PM - 02:40 PM	Enhancing Oyster Mushroom Cultivation with Solar-Powered IoT and Machine Learning: Predicting Harvest Readiness Presentation by Gilda J. Taupa
02:40 PM - 02:48 PM	Secure Health Insurance Portability Using Blockchain and Cloud Technologies for Decentralized Record Transfer Presentation by Lakshmi Narasimhan Srinivasagopalana
02:48 PM - 02:56 PM	Designing an Adaptive Dynamic Approach Applied in Text Summarization Presentation by Tenio, Jonald
02:56 PM - 03:04 PM	SolPort-Powermate: An Environmentally Friendly Solar Panel Powers a Smart Inverter Presentation by Jagdish Waghmode
03:04 PM - 03:12 PM	RFID Based Challan System Presentation by Abhishek Deokar
03:12 PM - 03:20 PM	Sociodemographic Factors Impact on Employability Skills: Predictive Insights for Career Success Presentation by Paulina Guerra
03:20 PM - 03:28 PM	Development of Artificial Intelligence Model for Defect Detection of Carrots Presentation by Tien-Thinh Le



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Technical Session 2A

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03:28 PM - 03:36 PM	Enhancement of the Procedural Map Generation Algorithm Used in the Game Lethal Company Presentation by Christian Angelo M. Uy
03:36 PM - 03:44 PM	Enhanced Content-Based Filtering Algorithm Applied in Topic Recommendations for First Year Computer Science Students of Pamantasan Ng Lungsod Ng Maynila Presentation by Michael Anjo H. Jaime
03:44 PM - 03:52 PM	OMNI Personality Traits as an Alternative Measurement in Enhancing Business and Management Education Practices Presentation by Made Jessita Kirandra
03:52 PM - 04:10 PM	Optimizing Hyperparameters for Enhanced Satsuma Fruit Disease Detection Presentation by Jann Vincent Paul C. Lagmay
04:10 PM - 04:18 PM	Acalypha Indica-Infused Hydrogel for Anti-Inflammatory and Antimicrobial Applications Presentation by Abinaya R
04:18 PM – 04:26 PM	Interrelationship between Business Intelligence and Knowledge Management and its impact on Decision Making in Jordan's Banking Sector. Presentation by Issa M Shehabat
04:26 PM – 04:34 PM	Effectiveness of Village Fund Policy for BUMDes Development (Case Study of BUMDes Dharma Utama Wonokerto Village, Turi District, Sleman Regency, DI Yogyakarta Province) Presentation by Raden Roro Ratnasari Dwi Riyanti
04:34 PM – 04:42 PM	ETCD SEARCH EFFICIENCY AMPLIFIED THROUGH ADVANCED OPTIMIZATION STRATEGIES Presentation by Satya Ram Tsaliki
04:42 PM – 04:50 PM	Exploring Restrained Pitchfork Domination: Theory and Application Perspectives Presentation by Vijayalakshmi P



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Technical Session 2A

04:50 PM – 04:58 PM	 Reducing costs using smart sustainable manufacturing and its role in achieving the sustainable development goal (sustainable cities and communities) Presentation by Dr. Ghazi Maan Faisal
05:58 PM – 05:06 PM	Modified Sha-512 Applied With Rivest-shamir-adleman Algorithm Presentation by Neil Marcus Manubay
05:06 PM – 05:14 PM	Modified Gale-Shapley Algorithm with Multi-Attribute Utility Theory (MAUT) for Unbalanced Sets Presentation by Romeo II Pateño
05:14 PM – 05:22 PM	Integration Development Hybrid Charging Station in Gas Station of DKI Jakarta Presentation by Irvan Ari Ganda
05:22 PM – 05:30 PM	Performance Analysis of IR Distance Sensors on Different Surface Materials Presentation by Chacharin Lertyosbordin