

PARALLEL SESSION SCHEDULE (PHYSICAL)

DAY 1, 29 SEPTEMBER 2025, HOTEL CASUARINA@MERU

PHYSICAL

PARALLEL SESSION 1			
TIME/DATE	ACTIVITY		
ICEESS 11.00 AM – 1.00 PM 29.09.2025 MONDAY Moderator: Ts. Dr. Sivadev S.Nadarajah	CASUARINA ROOM 5	11.00 am	Chow Khoon Keat, Khairul Hisham Karim, Lew Wan Ling Kolej Komuniti Sungai Siput ICEESS39: Enhancing Ui Greenmetric Ranking: Energy Efficiency and Sustainability at Kolej Komuniti Sungai Siput
		11.15 am	Normazlina Mat Isa, Noranizah Solehin, Abba Lawan Bakar, Tan Chee Wei Politeknik Merlimau Melaka, King Fadh University of Petroleum & Minerals (KFUPM), Universiti Teknologi Malaysia ICEESS302: Off-Grid Photovoltaic (OGPV) System design for Model Rumah Cepak Tenaga employing PVSYST Software
		11.30 am	Muhammad Faris Hazique Mohd Hizaz, A. Amir, M.A Najmi Universiti Islam Antarabangsa Malaysia, Universiti Islam Antarabangsa Malaysia dan Coherent Ipoh, Kinta Free Industrial Zone, Ipoh ICEESS143: Green Precision Heating System for Dehydration Stingless Bee Honey
		11.45 am	Maisatul Akmal Mat Tahir, Foo Jyy Wei, Muhammad Luthfil Hadi Mohd Saha Politeknik Kuala Terengganu ICEESS147: The Development of Smart Illumination Systems
		12.00 pm	Nooraina Ismail, Noor Aishah Muslim, Nur Hanim Ariff Kolej Komuniti Klang ICEESS150: Eco Edu PSU: Sustainable Power Supply
		12.15 pm	Khairil Azhar Aznan, Nik Mohd Farid Nik Hassan ADTEC JTM Kampus Kemaman ICEESS247: Development of Carbon Monoxide Detector in Vehicle (DeCOV) For Improving the Safety Level of Vehicle Users
		12.30 pm	Noor Ropidah Bujal, Nur Atharah Kamarzaman, Annuar Baharuddin Politeknik Ungku Omar, Universiti Teknologi MARA Shah Alam dan Politeknik Ungku Omar ICEESS395: Optimization Methods for Sizing Solar PV in Distribution Networks: A Brief Survey
		12.45 pm	Nurul Najwa Md Yusof, Intan Shafinaz Mohammad, M. Imam Supaat Politeknik Ungku Omar, Politeknik Merlimau dan Sigtech Engineering Sdn. Bhd. ICEESS127: Understanding Optical Isolators and Circulators in Fiber Optic Networks Through Experimental Characterization
ICETISM 11.00 AM–12.45 PM 29.09.2025 MONDAY Moderator: Mr. Mohammad Akhyar Mohd Noor	CASUARINA ROOM 2	11.00 am	Anirah Ahmad, Shazarin Ahmad Zainuddin, Noor Sarena Mohd Zahid Politeknik Balik Pulau ICETISM161: Ready Or Not? Exploring Ai Adoption Among Lecturers In Malaysian Polytechnics And Community Colleges
		11.15 am	Farhana Syazni Fadzil, Maisarah Ismail, Azreena Aziz Kolej Komuniti Chenderoh ICETISM290: Tahap Pemahaman Pelajar Sijil Operasi Perhotelan Berkaitan Amalan Keselamatan Di Kolej Komuniti Chenderoh

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		11.30 am	Adree Octova, Mohd Hazizan Mohd Hashim Universiti Sains Malaysia	ICETISM65: A Decade Of Ai And Machine Learning In Remote Sensing For Mineral Identification: A Systematic Review
		11.45 am	Dedi Yulhendra, Mohd Hazizan Mohd Hashim, Arya Alvito Universiti Sains Malaysia	ICETISM66: Enhanced Fragmentation Analysis Using The Rock Engineering System Approach And Kuz-Ram Model For Optimized Rock Blasting
		12.00 pm	Nor Lian Mohd Nordin, Mohammad Mursyeed Ramli, Maisarah Ismail Politeknik Ungku Omar	ICETISM392: Tahap Penerimaan Pelajar Terhadap Pendidikan STEM dalam Pengajaran dan Pembelajaran
		12.15 pm	Suhainy Sulaiman, Faridah Jamil, Mohd Nizam Kamarull Baharin Politeknik Ungku Omar	ICETISM168: Employers' Assessments Of Program Educational Objectives For It Students In Politeknik Ungku Omar: A Survey Study
		12.30 pm	Saiful Baharin Hairuddin Politeknik Ungku Omar	ICETISM166: Development Of The Signlingua Application For Learning Malay Sign Language
GTIMME 11.00 AM – 1.00 PM 29.09.2025 MONDAY Moderator: Dr. Woo Tze Keong	CASUARINA ROOM 3	11.00 am	Tengku Nur Farwizah Tengku Mohd Fozi, Roslin Ramli, Nur Azimah Mohd Azil1, Nik Norfara Idayu Mohd Zain Septia Hardy Sujiatanti Universiti Kuala Lumpur Malaysian Institute of Marine Engineering Technology (UniKL-MIMET)	GTIMME142: Analysis of the Impact of Fuel Oil Piping System Support on The Vibration
		11.15 am	Mohd Hanafi Ani, Muhamad Shafiq Ramli, Suhaili Illias, Mohd Fairus Mohd Yasin International Islamic University Malaysia	GTIMME57: High Temperature Oxidation of T91 Alloys Steel for Boiler At 923 K In Humid Condition
		11.30 am	Mohd Khairul Domadi, Mohd Idris Shah Ismail, Mohd Zuhri Mohamed Yusoff, Mohd Hanif Mohd Pisal Universiti Putra Malaysia	GTIMME44: Influence of Standoff Distance for High-Quality and Sustainable LASER Cutting of Wood Plastic Composites
		11.45 am	Mazilah Abu Bakar, Mohd Azli Salim, Nor Azmmi Masripan Politeknik Sultan Haji Ahmad Shah	GTIMME230: Investigation of Thermal Curing Effects on Hybrid GNP/Silver Conductive Ink Performance and Properties
		12.00 pm	Mazilah Abu Bakar, Mohd Azli Salim, Nor Azmmi Masripan Politeknik Sultan Haji Ahmad Shah	GTIMME231: Effects of Cyclic Bending on Microstructure of Hybrid Carbon-Metal Conductive Inks
		12.15 pm	Noor Azlyn Ab Ghafar, Nur Raihana Sukri, Ninie Farahana Kamarulzaman Politeknik Ungku Omar	GTIMME134: Automated Zebra Crossing Using Artificial Intelligence

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		12.30 pm	Yeoh Poh See, Nur Raihana Sukri, Mohd Redzuwan Danuri Politeknik Ungku Omar	GTIMME141: Occupational Health Risks from Overspray in Automotive Workshops: A CFD-Based Analysis
		12.45 pm	Putri Irdha Ab Rahman, Shivaasharman Politeknik Ungku Omar	GTIMME158: Development and Integration of an Energy-Efficient Oil Skimmer for Bilge Water Treatment in Marine Workshop
GTIMME 11.00 AM – 1.00 PM 29.09.2025 MONDAY Moderator: Mr. Deenesh Kumar Nalathambi	CASUARINA BUSINESS CENTRE ROOM	11.00 am	Nurul Shahida Zulkifly, Muhamad Fairus Rus, Norhaniza Azreen Mohamed Mokhtar Politeknik Ungku Omar	GTIMME129: Product Design Improvement: A Redesign of a Multifunctional Wheelbarrow
		11.15 am	Adi Firdaus Hat, Mohd Saiful Saleh, Aida Tukiran Politeknik Ungku Omar	GTIMME116: Harnessing Campus Water Flow: A Case Study on Mini Hydro Generator Voltage Output At Polytechnic Ungku Omar
		11.30 am	Norsheila Buyamin, Mahani Mohd Zamberi, Sharifah Zainhuda Syed Tajul Ariffin Politeknik Ungku Omar	GTIMME97: A Case Study of Controlling Humidity in Malaysian Office Buildings
		11.45 am	Muhammad Zaki Zainal, Norsheila Buyamin, Mohd Saiful Saleh Politeknik Ungku Omar	GTIMME96: Impact of Ventilation Setting on Carbon Dioxide (Co2) Accumulation in a Compact Car Cabin Environment
		12.00 pm	Norsheila Buyamin, Muhammad Zaki Zainal, Didi Asmara Salim Politeknik Ungku Omar	GTIMME110: Irradiation Performance on Solar PV Panels at Politeknik Ungku Omar
		12.15 pm	Mohamad Asyraf Othoman, Siti Saleha Abdul Azis, Mahani Mohd Zamberi Politeknik Ungku Omar	GTIMME194: Activated Carbon Air Filtration System For (UCO) Soap Mixer
		12.30 pm	Siti Asma' Baharudin, Nurul Shahida Zulkifly Politeknik Ungku Omar	GTIMME112: Effect Of Infill Density and Infill Pattern on Mechanical Strength, Material Usage and Sustainability in FDM 3D Printed PLA+ Components
		12.45 pm	Norasni Mohd Jamir, Rosliza Zakaria, Roseazah Ramli Politeknik Ungku Omar	GTIMME111: A Smart Raspberry PI-Based System for Microsleep Detection Using Eye-Tracking and Image Processing
ICoDESSD 11.00 AM – 1.00 PM 29.09.2025 MONDAY Moderator: Dr. Aishah Sheikh Abu Bakar	CASUARINA ROOM 6	11.00 am	Norzianis Rezali @ Abdul Sukor, Yusrizal Sufardi Mohd Yunan, Mohd Helmi Ali Politeknik Tuanku Syed Sirajuddin Universiti Kebangsaan Malaysia	ICoDESSD298: Exploration the Role of Proactive Strategy in Green Healthcare Supply Chain to Achieving Social Sustainability in Malaysia
		11.15 am	Muhammad Zaki Yahaya, Santhy Subbarau Politeknik Ungku Omar Politeknik Banting Selangor	ICoDESSD252: Peer Review As A Catalyst For Writing And Skill Development: Investigating Student Acceptance Of Structured Checklists In Academic Writing.

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		11.30 am	S. Thivviyah Sanmugam, Nithya Periasamy Politeknik Banting Selangor Politeknik Ungku Omar	ICoDESSD274: Malaysian Polytechnic Students and The SDGs: A Study on Knowledge, Attitude & Practice
		11.45 am	Mohd Burhan Yusof, Nashirah Abu Bakar, Hydzulkifli hashim Politeknik Seberang Perai Universiti Utara Malaysia	ICoDESSD387: Determinants of Islamic Philanthropic Behaviour: A Review of Related Literature
		12.00 pm	Zahayu Md Yusof, Muhammad Syahril Bahari, Masnita Misiran Universiti Utara Malaysia Universiti Malaysia Perlis	ICoDESSD250: Driving Sustainability: Establishing the First Drive-Thru Recycling Center in Malaysia Higher Education- A Case study From Universiti Utara Malaysia
		12.15 pm	Ammar Badruddin Romli, Amir Faiz Che Man, Wan Mohd Hafiz Wan Mat Resab Politeknik Bagan Datuk Politeknik Ungku Omar	ICoDESSD25: Issues and Challenges in the Practice of Wakalah Zakat Management at Polytechnic Malaysia
		12.30 pm	Aziah Abdul Rahman, Emmawati Misrun Politeknik Ungku Omar	ICoDESSD196: The Integration of Fintech Technology in the Takaful Industry: Perceptions, Opportunities, And Challenges Among Malaysian Youth.
		12.45 pm	Zainora Hayari, Roslina Ameerudin Politeknik Ungku Omar	ICoDESSD373: The Study on Green Finance Awareness Among Lecturers in Politeknik Ungku Omar
ICoSCiD 11.30 AM – 1.15 PM 29.09.2025 MONDAY Moderator: Ts. Dr. Ramu Velusamy	CASUARINA ROOM 1	11.30 am	Azizul Ahmad, Mohammad Razi Sitam, Tarmiji Masron, Asykal Syakinah Mohd Ali Universiti Malaysia Sarawak	ICoSCiD64: Spatial Analysis Of Female Voter Turnout In Sarawak Legislative Elections (2006–2021): Spatial-Temporal Patterns And Electoral Impacts
		11.45 am	Syarifah Raihana Syed Zabidi, Sharifah Norashikin Bohari, Rohayu Haron Narashid, Rizauddin Saian, Suhaila Hashim Universiti Teknologi MARA Arau	ICoSCiD241: Groundwater Potential Identification Using Frequency Ratio Method In Kedah
		12.00 pm	Farah Suhana Roslan, Wan Nur Syazwani Wan Mohammad Universiti Teknologi MARA Seri Iskandar	ICoSCiD146: Construction Robotics In Developing Countries
		12.15 pm	Husna Mat Salleh Politeknik Sultan Abdul Halim Muadzam Shah	ICoSCiD324: Integrating BIM and SCM to Prevent Construction Disputes: A Systematic Literature Review
		12.30 pm	Muhammad Azamuddin Bahtiar Affandi Mohd. Rizaludin Mahmud Universiti Teknologi Malaysia	ICoSCiD48: Spatio-Temporal Downscaling Of Feng Yun Satellite Precipitation Data In Humid Tropics: A Preliminary Result

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		12.45 pm	Noorfatekah Talib, Khairul Nizam Abdul Maulud, Aizat Mohd Taib @ Taib, Fazly Amri Mohd, Mohd Amsyar Abdullah Universiti Teknologi MARA Arau Universiti Kebangsaan Malaysia IBM	ICoSciD169: Integrating UAV and Geospatial Approaches For Soil Erosion Risk Mapping In Highland Agricultural Areas
		1.00 pm	Nur Fadzlina Aini Mohmad Lehan, Khairul Hisyam Kamarudin Universiti Pengurusan dan Teknologi Tunku Abdul Rahman, Universiti Teknologi Malaysia	ICoSciD89: The Smart Path to Resilience: Integrating Campus Planning Into Urban Development
PARALLEL SESSION 2				
ICEESS 2.00 PM – 3.30 PM 29.09.2025 MONDAY Moderator: Dr. Azman Talib/ Dr. Norazlina Ahmad/ Dr. Chow Khoon Keat	CASUARINA ROOM 5	2.00 pm	Tengku Azman Tengku Mohd, Nor Suraya Aini Ngah, Mohd Daud Isa, Mohd Khair Hassan dan Nor Syamaliah Ngah Politeknik Ungku Omar, Universiti Malaysia Kelantan, Jabatan Pendidikan Politeknik & Kolej Komuniti dan Universiti Putra Malaysia	ICEESS308: Electric Vehicle Adoption in Malaysia: Current Status, Challenges, and Future Directions for Smart Mobility Integration
		2.15 pm	Hairulanuar Rosman, Zuraida Kamaruddin, Zulkurnain Abdul Hamid Politeknik Ungku Omar, Politeknik Sultan Idris Shah dan Jabatan Pendidikan Politeknik & Kolej Komuniti	ICEESS384: Keberkesanan Pertandingan Robotik sebagai Kaedah Pembelajaran STEM Berasaskan Pengalaman: Kajian FIRA 18th Roboworld Cup 2025 dalam Pendidikan Politeknik Malaysia
		2.30 pm	Mohammad Mursyeed, Muhamad Zaki, Maisarah Ismail Politeknik Ungku Omar	ICEESS105: Design and Development of an IoT-Based Lighting Control System for Energy-Efficient Classrooms
		2.45 pm	Puteri Nadia Dayanie Megat Sabri, Norazita Ibrahim, Syafafwati Hanis Mohd Jamaai Politeknik Ungku Omar	ICEESS108: Development of Digital Logic Kit for Teaching and Learning in Polytechnic
		3.00 pm	Noorzalina Mat Hussein, Arif Affandi Shahidan, Zawiyah Mokhtar Politeknik Ungku Omar	ICEESS148: An Integrated IoT and GPS-Based System for Motorcycle Tracker
		3.15 pm	Syafafwati Hanis Mohd Jamaai, Muhammad Danish Akmal Rosman, Farah Hanim Mohd Fauzi Politeknik Ungku Omar	ICEESS155: Smart IoT Dustbin for Animal Deterrence with Real-Time Alert Notification System
		ICETISM 2.00 PM – 3.30 PM 29.09.2025 MONDAY Moderator: Dr. Nur Effatul Fairuz Zainal Apandi	CASUARINA ROOM 2	2.00 pm
2.15 pm	Mazlina Md Mustaffa, Faizzudin Irfan Amirul Politeknik Ungku Omar			ICETISM189: Development of Istudent@PolyCC Mobile Application Based on Agile Model

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		2.30 pm	Mageswary Muniandi, Maizatul Akmam Ismail Politeknik Ungku Omar	ICETISM172: The Role of AI in Enhancing Learning: Perceptions of Polytechnic Students
		2.45 pm	Maznita Mohamed Fikri, Sharifah Nur Syed Ismail, Azrul Junaidi Abd Aziz Politeknik Ungku Omar	ICETISM170: Enhancing File Security Through Encryption: Development of a User-Friendly System with Threat Identification
		3.00 pm	Nur Hafiza Abd Rahman, Faridah Jamil Politeknik Ungku Omar	ICETISM173: Enhancing Tourist Engagement Through Mobile Itinerary Management and Location-Based Services: Design and Deployment Experience in Ipoh, Malaysia
		3.15 pm	Faridah Jamil, Nur Hafiza Abd Rahman, Suhainy Sulaiman Politeknik Ungku Omar	ICETISM225: Penggunaan ChatGPT dalam Kalangan Pelajar Politeknik: Analisis Terhadap Tahap dan Faktor Penerimaannya
GTIMME 2.00 PM – 3.30 PM 29.09.2025 MONDAY Moderator: Dr. Mahmood Ali	CASUARINA ROOM 3	2.00 pm	Mohd Nazri Mohd Sabri, Mohammad Noriszuwan Mohammad Nazeri Politeknik Ungku Omar	GTIMME122: The Implementation of Weekly Priority Performance Control at Operation
		2.15 pm	Nohd Nazri Mohd Sabri, Zakuwan Jaafar Politeknik Ungku Omar	GTIMME130: Design and Development of Sorting Screw Machine for Tooling Workshop
		2.30 pm	Mohd Rizan Abdul, Muhammad Akmal Fikri Zulfikri Politeknik Ungku Omar	GTIMME55: Develop Standard Operating Procedure (SOP) For Authorized Economic Operator (AEO)
		2.45 pm	Rosmawati Mat Jihin, Nazihah Mohd Noor, Amirul Asyraf Ahmad Politeknik Ungku Omar	GTIMME36: A Green Solution for Production Efficiency: Karakuri- Inspired Supply Trolley Design and Analysis
		3.00 pm	Husni Nazra Abu Bakar, Rosmawati Mat Jihin, Nazihah Mohd Noor, Muhammad Kamal Naim Ahmad Yusof Politeknik Ungku Omar	GTIMME137: Assessing the Role of The D63D Sun-Visor JIG in Improving Product Quality and Reducing Defects
		3.15 pm	Mohd Zulmajdi Rafidi Zaidin, Siti Aminah Abd Halim Politeknik Ungku Omar	GTIMME158: Smart Adjustable Utility Trolley

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GTIMME 2.00 PM – 3.30 PM 29.09.2025 MONDAY Moderator: Ms. Zuraini Gani	CASUARINA BUSINESS CENTRE ROOM	2.00 pm	Alawiah Abdullah, Amrul Zani Mahadi, Zakiman Zali Politeknik Ungku Omar	GTIMME167: A Study on Lighting and Noise at The Main Marine Diesel Engine Workshop
		2.15 pm	Ahmad Azrizal Mohd Ariffin, Zakiman Zali, M.S.M. Fouzi, Melvinjeet Singh Sandhu Amarjit Singh Politeknik Ungku Omar	GTIMME184: Virtual Matching and Optimization of Turbocharger Parameters for Marine Diesel Engines to Achieve Fuel and Emission Efficiency Targets
		2.30 pm	Muhammad Arieef Hussain, Hazril Hisham Hussin, Nurzarina Shariff, Mohd Azli Salim, Azmmi Masripan Politeknik Ungku Omar	GTIMME164: The Effect of Solvent Ratio on The Electrical Conductivity of Hybrid GNP/AG Conductive Inks Under Cyclic Torsional Stress
		2.45 pm	Uzair Martaza, Yusnenti F.M.Y, Husrukhaizam Husin, Huzaifah Razab Politeknik Ungku Omar	GTIMME82: Enhancement of Combined Class of Chief and Second Engineer Officer Of 3000kw Or More, Unlimited Trade Voyages (CCSU) Concept Via the Integrated Model of Training Effectiveness and Evaluation
		3.00 pm	Mohamad Shahrir Ali, Mohd Faisol Saad Politeknik Ungku Omar	GTIMME175: Development of Marine Filter Cleaner Using Compressed Air in Package
		3.15 pm	Nik Muhammad Hafidz Nik Abdul Rahman, Arifah Ali, Norul Hidayah Kadir Politeknik Ungku Omar	GTIMME77: Experimental Analysis of the Effect of Air-Injection Pressure System Configuration on the LNG Resistance
ICoDESSD 2.00 PM – 3.30 PM 29.09.2025 MONDAY Moderator: Dr. Annafatmawaty Ismail	CASUARINA ROOM 6	2.00 pm	Solehah Samsudin, Rafidah Ahmad, Musleha Mokter Politeknik Ungku Omar	ICoDESSD153: Amalan Kaedah Pengajaran Ibadah Solat Pelajar Bermasalah Pendengaran Politeknik Malaysia
		2.15 pm	Musleha Mokter, Wan Norina Wan Hamat, Rafidah Ahmad Politeknik Ungku Omar	ICoDESSD126: Tahap Pengetahuan Pelajar Teknikal Terhadap Konsep Hukum Hudud: Satu Kajian Di Politeknik
		2.30 pm	Nur Afifah Saharudin, Norhaslina Sulaiman, Ahmad Fkrudin Mohamed Yusoff Politeknik Ungku Omar	ICoDESSD228: Tahap Amalan Ibadah Dalam Nilai Pendidikan Islam Dalam Kalangan Pelajar
		2.45 pm	Azyati Ilyani Aznan Politeknik Ungku Omar	ICoDESSD305: Integrating Sustainability and Social Responsibility in Omnichannel Retailing: Strategies, Challenges, and Opportunities

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		3.00 pm	Roslina Ameerudin, Zainora Hayari Politeknik Ungku Omar	ICoDESSD154: Effectiveness of Industrial Internship Program in Developing Employability Skills towards TVET Graduates: A Case Study at Polytechnic Ungku Omar
		3.15 pm	Wan Norina Wan Hamat, Ahmad Fkrudin Mohamed Yusoff, Norhaslina Sulaiman Politeknik Ungku Omar	ICoDESSD345: The Implementation of The Ik-PBM Model and Its Implications for Students' Critical Thinking in Islamic Studies Courses at Malaysian Polytechnics.
ICoSCiD 2.00 PM – 3.45 PM 29.09.2025 MONDAY Moderator: Dr. Mazlina Alang Othman	CASUARINA ROOM 1	2.00 pm	Azuin Ramli Politeknik Ungku Omar	ICoSCiD56: Artificial Neural Network Model in Estimating Water Quality Index (WQI) for Upstream Water Intake in Malaysia
		2.15 pm	Mohd Yusri Yunus Velusamy Ramu Politeknik Ungku Omar	ICoSCiD30: Exploring The Indoor Air Movement Condition In Student Residential Building At Politeknik Ungku Omar
		2.30 pm	Masreta Mohd @ Basri Politeknik Ungku Omar	ICoSCiD124: Enhancing The SDG16 with The Theoretical Framework And Triangle Process For State Land In Squatter Issues
		2.45 pm	Emi Ariyani Aris Politeknik Ungku Omar	ICoSCiD291: A Systematic Review of Teaching Methods for Sustainable Energy in Architecture Education
		3.00 pm	Noorizawaty Yusuff Lailatul Rahmah Nekmat Politeknik Ungku Omar	ICoSCiD123: Penghasilan Peta Dan Analisis Guna Tanah Di Kedah Bagi Tahun 2016, 2019 Dan 2023
		3.15 pm	Khairul Azmi Mohamed Velusamy Ramu Politeknik Ungku Omar	ICoSCiD33: Exploring The Daylighting Performance At The Student Residential Building At Politeknik Ungku Omar By Using Internal Partition

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PARALLEL SESSION 3

ICEESS 3.50 PM – 7.05 PM 29.09.2025 MONDAY Moderator: Dr. Azman Talib/ Dr. Norazlina Ahmad/ Dr. Chow Khoon Keat	CASUARINA ROOM 5	3.50 pm	Afifah Abdoll Mutalib, Muhamad Zaki Abdul Rahman, Nur Fatini Faidzil Politeknik Ungku Omar	ICEESS156: Development of an IoT Smart Jar System for Food Monitoring and Waste Reduction
		4.05 pm	Subramanian Sinnakanoo, Sivadev S. Nadarajah, Afifah Abdoll Mutalib Politeknik Ungku Omar	ICEESS399: Integration Of Domestic Distribution Board With Internet of Things
		4.20 pm	Noratikah Zawani, Norazila Md Posdzi, Rasidah Abdul Rani, Khairuddin Osman Politeknik Ungku Omar	ICEESS206: Evaluating Proximity Sensor Accuracy for Material Detection to Improve Automated Sorting Efficiency
		4.35 pm	Norazila Md Posdzi, Rasidah Abdul Rani, Norsa'adah Mahmor Politeknik Ungku Omar	ICEESS207: Development of an IoT Smart Parcel Dropbox Using Blynk for Secure Remote Access
		4.50 pm	Norsa'adah Mahmor, Rasidah Abdul Rani, Norazila Md Posdzi, Gee Yuan Chen Politeknik Ungku Omar	ICEESS109: Developing a Multifunctioning IoT Smart Home Water Tank for Reliable Water Supply
		5.05 pm	Subramanian Sinnakanoo, Sivadev S. Nadarajah, Afifah Abdoll Mutalib Politeknik Ungku Omar	ICEESS327: Assessing Safety Awareness Management in Electrical Wiring Workshop: Among Diploma Students at Ungku Omar Polytechnic
		5.20 pm	Farah Hanim Mohd Fauzi, Syafafwati Hanis Mohd Jamaai, Salamiyah Mohamad Politeknik Ungku Omar	ICEESS342: Peti Sejuk Mudah Alih dan Stesen Kuasa Berasaskan IoT
		5.35 pm	A. Muhammad Ridzuan Idris, B. Wan Hasbullah Wan Mohamed, C. Muhammad Razuan Abdul Razak Politeknik Ungku Omar	ICEESS288: Designing the Future of AI Education: Unpacking the Features, Development Needs, and Transformative Impact of AI Convergence Trainers
		5.50 pm	Mai Noor Asiah Tan Zalilah, Farah Hanim Mohd Fauzi, Muhammad Afeeq Zikri Zainal Alhakab Politeknik Ungku Omar	ICEESS341: Development of Smart Eyewear with GPS and Ultrasonic Sensors for the Visually Impaired
		6.05 pm	Adam M. Nasir, M. Afiq Danial Hazlan, Kamil Iqram Kamil Hisham, Aiman Ziqrie M. Tarmizi Politeknik Ungku Omar	ICEESS282: IoT-Integrated Sensor System for Efficient Waste Bin Monitoring and Management
		6.20 pm	M. Nabil Nazreen Nasir, Anas Abd Muas, M. Alif Rosnan, M. Danish Ferhad Madzuki. Politeknik Ungku Omar	ICEESS285: Smart Automated Mini Dam Gate System for Mini Hydro Power Applications Using Esp32 Microcontroller
		6.35 pm	M. Nasaruddin Abdul Nasir, M. Arif Farhan Ruhaizad, Zulhisyam Salleh, Fizatul Aini Patakor Politeknik Ungku Omar	ICEESS276: Integrating Direct-On-Line (DOL) Starter Modules in Experiential Learning for Engineering Education
		6.50 pm	Siti Rokiah Abdul 'Azim, Nur Anis Ellya MD Haris, Kong Hiaw Rou, Subassini Sangaran Politeknik Ungku Omar	ICEESS278: The Pathway to Sustainable Energy: Analyzing Malaysia's Energy Transition Strategies

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ICETISM 3.50 PM – 6.05 PM 29.09.2025 MONDAY Moderator: Dr. Nur Effatul Fairuz Zainal Apani	CASUARINA ROOM 2	3.50 pm	Jacey Mariadass @ Manickam Mariadass, Lim Yeong Chyng Politeknik Ungku Omar	ICETISM280: A Preliminary Study on The Utilization of Chatgpt For Academic Tasks and Ethical Awareness Among TVET Students
		4.05 pm	Munirah Abdullah, Nor Azida Mansor, Nur Aiman Danial Iesma Politeknik Ungku Omar	ICETISM171: Design and Implementation of An Inventory Management System: A Case Study of JTMK KIOSK, Politeknik Ungku Omar
		4.20 pm	Sharifah Nur Syed Ismail, Nor Azida Mansor, Maznita Mohamed Fikri Politeknik Ungku Omar	ICETISM213: Smart Pantry Management System Using IoT for Efficient Inventory Monitoring and Food Waste
		4.35 pm	Sharifah Nur Syed Ismail Politeknik Ungku Omar	ICETISM362: Enhancing Networking Education Through Switching E Command Mobile Application
		4.50 pm	Nor Aqilah Mohd Mansori, Maisarah Ismail, Nur Amalina Montel Politeknik Ungku Omar	ICETISM372: Kajian Atribusi: Memahami Punca Kegagalan dan Kejayaan Pelajar Dalam Kursus Matematik Kejuruteraan 1, Matematik Kejuruteraan 2 & Sains Kejuruteraan
		5.05 pm	Nor Aqilah Mohd Mansori, Maisarah Ismail, Nur Amalina Montel Politeknik Ungku Omar	ICETISM271: Meninjau Gaya Pengurusan Konflik Yang Dominan Dalam Kalangan Pelajar Asasi di Politeknik Ungku Omar
		5.20 pm	Muhammad Faiz Pauzi, Norhasliza Muhamad Nor, Mona Azizan Politeknik Ungku Omar	ICETISM326: Kajian Analisa Keperluan Program Bagi Ijazah Sarjana Muda Teknologi Maklumat di Politeknik Ungku Omar
		5.35 pm	Maizatul Akmam Ismail Politeknik Ungku Omar	ICETISM217: Development Of Augmented Reality Campus Navigation Application Using Rapid Application Development Approach: A Case Study Of Ar Hub @ PUO (JTMK)
		5.50 pm	Maizatul Akmam Ismail, Mageswary Muniandi Politeknik Ungku Omar	ICETISM174: Analisis Kepuasan Pelajar Terhadap Pendekatan Penilaian Berasaskan Praktikal Dan Pembentangan Dalam Kursus Ethical Hacking: Kajian Kes Di Sebuah Politeknik Malaysia

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GTIMME 3.50 PM – 4.50 PM 29.09.2025 MONDAY Moderator: Dr. Mahmood Ali	CASUARINA ROOM 3	3.50 pm	Nur Raihana Sukri, Zanidah Ithnin, Yeoh Poh See Politeknik Ungku Omar	GTIMME135: Early Exposure, Future Skills: Acceptance of TVET Among Kampung Sahom's Orang Asli Primary Pupils
		4.05 pm	Rosmawati Mat Jihin, Khairul Nizad Panior, Zanidah Ithnin Politeknik Ungku Omar	GTIMME93: Structural Performance Assessment of A Modular Flood Barrier For Urban Water Resilience
		4.20 pm	Muhammad Hafizzuddin Md Teni, Ahmad Zuhair Amani Azhar Politeknik Ungku Omar	GTIMME136: Innovating Procurement Operations: An Integrated Purchase Order Management in the Purchasing Department
		4.35 pm	Muhammad Hafizzuddin Md Teni, Nurul Nasmurni Azhar Politeknik Ungku Omar	GTIMME138: Enhancing Container Loading Efficiency with a Mobile Barcode Scanning Application
GTIMME 3.50 PM – 5.05 PM 29.09.2025 MONDAY Moderator: Ms. Zuraini Gani	CASUARINA BUSINESS CENTRE ROOM	3.50 pm	Mizanur Rahman Mohd. Ali, Mohamad Azhar Saidin Politeknik Ungku Omar	GTIMME220: Keberkesanan Pengetahuan Undang-Undang Maritim Dalam Pembelajaran Kejuruteraan Marin
		4.05 pm	Mizanur Rahman Mohd. Ali, Mohamad Azhar Saidin Politeknik Ungku Omar	GTIMME221: Keberkesanan Simulator Enjin Kapal Dalam Pembelajaran Kejuruteraan Marin
		4.20 pm	Siti Aminah Abd Halim, Mohd Zulmajdi Rafidi Zaidin, Nik Muhammad Hafidz Nik Abdul Rahman Politeknik Ungku Omar	GTIMME81: Sustainable Power in Maritime Emergencies: Developing A Wave Energy Converter for Life Rafts
		4.35 pm	Khirwizam Md Hkhir, Arif Akmal Sulaiman, Muhamad Haiqal Irfan Syaiful Amal, Nur Dania Husna Mohamad Rosli, Muhammad Fathi Ajmal Muhd Fadhill Politeknik Ungku Omar	GTIMME115: Improvement of Indoor Air Quality in Reducing the Amount of Co2 (Carbon Dioxide) Using Indoor Floating Garden
		4.50 pm	Mohd Yusri Ibrahim, Yusnenti Faziran Mohd Yunos Politeknik Ungku Omar	GTIMME99: Egg Incubator: Application of Heat Transfer Concepts
ICoDESSD 3.50 PM – 5.20 PM 29.09.2025 MONDAY Moderator: Dr. Annafatmawaty Ismail	CASUARINA ROOM 6	3.50 pm	Mohd Rosdi Ripin, Zuharyati Yusof Politeknik Ungku Omar	ICoDESSD358: Keberkesanan Program Kepimpinan Muda (Kemuda) Yadim Dalam Membentuk Kepimpinan Dakwah Belia: Suatu Tinjauan Empirikal Terhadap Alumni 2016–2023
		4.05 pm	Parthiban Mogana Sondaram, Yogeswary Mogana Sondaram Politeknik Ungku Omar Kolej Vokasional Lebuah Cator	ICoDESSD256: Legal Liability for Death of Preserved Wildlife: Can Malaysian Law Tackle The Killing of Elephants in Road Accidents?

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		4.20 pm	Rashidah Radzi Rasalingam, Zulaikha Zulkflee, Syamsina Mohd Anis Politeknik Ungku Omar	ICoDESSD132: Ungku Omar Polytechnic Students' Motivation in Participating in English Extracurricular Activities
		4.35 pm	Roslee Uyob, Ku Maisurah Ku Bahador, Ram Al Jaffri Politeknik Ungku Omar Universiti Utara Malaysia	ICoDESSD71: A Framework for Forecasting Preparers' Intentions to Use Xbrl Reporting Via the Malaysian Business Reporting System
		4.50 pm	Suraya Akmar Mokhtaruddin, Che Aniza Che Wel, Syed Shah Alam, Nor Rahimy Khalid Politeknik Ungku Omar Universiti Kebangsaan Malaysia Politeknik Nilai	ICoDESSD234: Empirical Study On The Relationship Between Relationship Marketing Orientation And Customer Retention In Travel Agency Services
		5.05 pm	Siti Aishah Ali, Izzah Aiman Murat Politeknik Ungku Omar Universiti Pertahanan Malaysia	ICoDESSD386: Factors Affecting the Application of An Efficient Supply Management System at Gold Cold Transport Sdn Bhd
ICoSCiD 3.50 PM – 5.20 PM 29.09.2025 MONDAY Moderator: Dr. Mazlina Alang Othman	CASUARINA ROOM 1	3.50 pm	Ruhaizat Jubri, Farizan Zakaria, Rosmalati Aman Shah Politeknik Ungku Omar	ICoSCiD237: Penggunaan Teknologi Internet Pelbagai Benda Dalam Sistem Pengesan Asap Pintar
		4.05 pm	Mazarina Md Zain, Nurhaya Baniyamin, Ramu Velusamy, Naeemah Yussof Politeknik Ungku Omar International Islamic University Malaysia Politeknik Sultan Idris Shah	ICoSCiD38: Professional Perspectives On Digital Transformation In Heritage Tourism Site
		4.20 pm	Norina Omar, Fauzul Azhan Abdul Aziz, Nurin Uzma Dini Sahrul Nizam Politeknik Ungku Omar Jurukur Sepakat	ICoSCiD72: Large-Scale Topographic Mapping Using UAV Photogrammetry
		4.35 pm	Mazarina Md Zain, Nor Suhaili Mohamad Zin, Azmir Md Dom Politeknik Ungku Omar JPPKK Politeknik Melaka	ICoSCiD42: Indoor Environmental Quality (IEQ) In Museums And Heritage Buildings
		4.50 pm	Fauzul Azhan Abdul Aziz, Norina Omar Politeknik Ungku Omar	ICoSCiD149: Development Of A Web-Based Gis Application For Politeknik Ungku Omar Using Qgis And Leaflet
		5.05 pm	Hairie Ilkham Sibaruddin, Muhammad Faiz Pa'suya, Noorfatekah Talib Politeknik Ungku Omar Universiti Teknologi MARA Arau	ICoSCiD212: Evaluation the Performance of SRTM, NASADEM, and Copernicus DEM: A Case Study of the Perlis State Region

**LIST OF GROUP ACTION RESEARCH PRESENTERS FROM THE JABATAN PENDIDIKAN
NEGERI PERAK**

DATE: 29.09.2025 / TIME: 11.00 AM - 6.00 PM / ROOM: CASUARINA ROOM 7

Moderator: Miss Khairun Nisa Kamaruddin

Ida Kartini Ahmad, Lailatul Munirah Abu	Meningkatkan Kesedaran Alam Sekitar Murid Melalui Projek Taman Ecobrick Di Sekolah
Ehqa Dhabita Mohd Nasir, Gunasundary Sinnasamy	PBL and Sustainable Development: Integrative Research
Ainun Bariah Jaafar, Sharina Md Tahir	Meningkatkan Kemahiran Membundar Nombor Sehingga Ratus Ribu Terdekat Dalam Kalangan Murid Tahap Dua Melalui Aplikasi R-OFF 3.0
Suhaimi Sobrie Rosli, Izzat Imel Arobi	Pembelajaran Berasaskan Projek (PBPj) Intan Melon: Pelengkap Kompetensi, Pencetus Minat dan Motivasi
Usha Devi Kuppusamy, Syazana Ahmad Suhaimi	KIT JomBA Meningkatkan Tahap Kemahiran Penulisan Ayat Yang Lengkap & Gramatis Dalam Kalangan Murid Tahun 5 SJKT KAMPAR & SJKC KAMPAR GIRLS
Rooban Arumugam, Tamilarrasi Rajamoney	Bee Smart AI: Enhancing English Spelling and Pronunciation through AI-Powered Mobile Learning in Rural Primary Classrooms
Selvaraj Selvam, Shahidan Shaarani	Memacu Kelestarian Minda Dan Persekitaran: Inisiatif Kempen 'Bawa Botol Sendiri' Sebagai Transformasi Amalan Pengurangan Plastik Dan Pengambilan Gula Di SMK Raja Permaisuri Bainun.
Nur Hazrin Hasbullah Halmi, Nurul Ashikin Ayeob	Meningkatkan Penguasaan Permudahkan Pecahan Wajar dan Pecahan Tak Wajar Menggunakan TTS Fraction Kits 2.0 Dalam Kalangan Murid Tahun Empat.
Nurul Aina Mat Isa, Nur Mina Alias	Meningkatkan Kemahiran Klasifikasi Akaun Murid Tingkatan 4 Menggunakan E-KOMPAKA
Siti Mariam Mansor, Nor Hafizah Mohamed Jubi	Pembelajaran Berasaskan Projek (PBL) : Pembuatan Lip Balm Roselle