

PARALLEL SESSION SCHEDULE (VIRTUAL)

DAY 2, 30 SEPTEMBER 2025

VIRTUAL

* Participants are advised to attend Keynote Address 6 and 7 on 30 September 2025, from 9:00 to 10:00 am., via the following link: <https://meet.google.com/qby-wdbi-vdv>

OPENING KEYNOTE ADDRESS 6

Topic:

Sustainability Starts with Skills: Preparing the Next Generation for Green Jobs

Speaker:

Dr. Wesam Al Madhoun

Founder of Global Ambassadors of Sustainability (GAoS)

OPENING KEYNOTE ADDRESS 7

Topic:

Pioneering Sustainable Development: The Role Of Geodetic Engineering In Shaping A Greener Future

Speaker:

Professor. Ir. Trias Aditya

Head of Department of Geodetic Engineering

Faculty of Geodetic Engineering

Universitas Gadjah Mada

PARALLEL SESSION 4

TIME/DATE	ACTIVITY			
ICEESS 10.00 AM 30.09.2025 TUESDAY	Keynote Address 8 (ICESS) - EMERALD ROOM Link: https://meet.google.com/ibj-cvbw-egp Title: AI Ethics in Engineering, Technology, and Natural Sciences. Speaker : Associate Professor Dr. Ali Abd Almisreb Faculty of Engineering and Natural Sciences, International University of Sarajevo, Bosnia and Herzegovina.			
	EMERALD ROOM 1	10.30 am	Normala Rahmat, Nor Faizah Sayuti, Nurul Aini Zulkefli Politeknik Sultan Azlan Shah, Politeknik Sultan Azlan Shah, Institute of Information Technology, Universiti Kuala Lumpur (MIIT)	ICEESS41: Enhancing Face Recognition-Based Student Attendance Systems: A Comparative Analysis of Built-In and Portable Cameras Under Varying Light Conditions
		10.45 am	Rajabunesha Anwar Din, Noor Ehsan Mohamad Noor Politeknik Sultan Azlan Shah	ICEESS62: Portable Ergonomic Lifting Hanger for Air Conditioner Outdoor Unit
		11.00 am	Mohd Shafie Rahaman, Zulkurnain Hassan, Amalulkhair Sarbini Kolej Komuniti Jempol, Politeknik Port Dickson Dan Kolej Komuniti Jempol	ICEESS87: The Effectiveness of a PV Solar Trainer with Cooling System as a Teaching Aid in Enhancing Students' Cognitive and Psychomotor Skills in Renewable Energy Education
ICEESS 10.30 AM–12.45 PM 30.09.2025 TUESDAY Moderator: Dr. Norazlina Ahmad Google Meet Link: ibj-cvbw-egp				

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ICEESS 10.30 AM–12.45 PM 30.09.2025 TUESDAY Moderator: Dr. Chow Khoon Keat Googel Meet Link: bps-nmsr-vnw	EMERALD ROOM 2	11.15 am	Ain Rasyiqah Musa, Ahmad Fateh Mohamad Nor Universiti Tun Hussein Onn Malaysia (UTHM)	ICEESS140: Optimal Sizing of a Grid-Connected Photovoltaic (GCPV) System with DC Optimizer for Residential Application in Taman Universiti, Batu Pahat, Johor
		11.30 am	Nur Hidayah Moktar, Zulkurnain Hassan, Norlie Yuzanna Ibrahim Politeknik Port Dickson	ICEESS157: Sustainable Water Resource Management: A Case Study at Masjid Al-Ehsaniah, Taman Intan Perdana, Port Dickson, Negeri Sembilan
		11.45 am	Siti Juliana Hamim, Nurul Nadiah Hashim, Ratna Dewi Halifi Kolej Komuniti Bentong	ICEESS301: Building Energy Performance at Kolej Komuniti Bentong
		12.00 pm	Rabiatul Maisarah Firdausthul Ahmad Sufian, A. Amir, T.A.Z.T.A Rahman Universiti Islam Antarabangsa Malaysia, Universiti Islam Antarabangsa Malaysia, MIMOS Berhad	ICEESS199: IoT-Enabled Vibration Analysis for Smart Stingless Beekeeping
		12.15 pm	Mohamad Adhar Mohamad Narsardin, Anis Abdul Kahar, Mohd Mizan Abdul Malik Politeknik Sultan Azlan Shah	ICEESS226: Voltage Tracking of a DC-DC Buck Converter Using Neural Network Control
		12.30 pm	Enny Lai Mei Lan, Chong Man Lung, Mallinder Anak Maoh Kolej Komuniti Mas Gading	ICEESS249: Intention Towards Electricity-Saving Behaviors Among Community College Staff Using the Theory of Planned Behavior
ICEESS 10.30 AM–12.45 PM 30.09.2025 TUESDAY Moderator: Dr. Chow Khoon Keat Googel Meet Link: bps-nmsr-vnw	EMERALD ROOM 2	10.30 am	Zarina Ismail, Azman Salleh Politeknik Tuanku Sultanah Bahiyah	PH118_PolyCCSA25: Kecekapan Sistem Solar Photovoltaic (PV) Untuk Struktur Bangunan Berskala Kecil: Tinjauan Di Politeknik Tuanku Sultanah Bahiyah (PTSB)
		10.45 am	Noor Azlina Ahmad, Fara Diba Badrul Hisham, Shuharzi Md Salleh Politeknik Nilai	PH123_PolyCCSA25: Evaluation of Energy Consumption and Maximum Demand at Politeknik Nilai Towards Sustainability Campus
		11.00 am	Mazlini Mastura Yusof Kolej Komuniti Sungai Siput	PH147_PolyCCSA25: Keberkesanan PLC-Traffic Light Mobile Kit Kepada Pelajar Sijil Teknologi Elektrik Kolej Komuniti Sungai Siput
		11.15 am	Fifty Rozainie Jifen, Bernadine Candy Stephen Anyi Politeknik Kuching Politeknik Mukah	PH112_PolyCCSA25: Investigating the Correlation Between Environmental Knowledge and Practices Among TVET Students at Politeknik Mukah
		11.30 am	Norfadhilah Hasan, Azlin Yajid, Maizahtulakma Mohd Khalid Politeknik Sultan Mizan Zainal Abidin	PH185_PolyCCSA25: Development of Automated Monitoring and Control System for Urban Agriculture

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		11.45 am	Mohd Azizy Adnan, Norawati Masro, Puteri Nursara Mohd Jasmani Politeknik Sultan Idris Shah	PH188_PolyCCSA25: Solar Powered Floating Pond Fish Feeder
		12.00 pm	Zarulrizam Ab Jalil, Norhazlina Sahari, Nor Dalila Abd Rahman Kolej Komuniti Segamat 2	PH208_PolyCCSA25: Agenda Kelestarian Kampus: Pelaksanaan Di Kolej Komuniti Segamat 2
		12.15 pm	Zarulrizam Ab Jalil, Noor Soudiqqin Ismail, Muhamad Asrul Affendi Mat Nor Kolej Komuniti Segamat 2	PH209_PolyCCSA25: Experimental Study on the Efficiency of Photovoltaic Modules in Floating Installation Systems
		12.30 pm	Rosmanizah Derahman, Haziri Husain, Zaifah Che Wil Politeknik Sultan Idris Shah	PH223_PolyCCSA25: Robotic, Automation, And Human Resources in TVET
ICETISM 10.30 AM – 1.15 PM 30.09.2025 TUESDAY Moderator: Ts. Mazlina Md Mustaffa Googel Meet Link: sqx-tady-has	OLIVE ROOM 1	10.30 am	Mumini Babatunde Saka, Mohd Hazizan Mohd Hashim Universiti Sains Malaysia	ICETISM23: Enhancing Dust Management In Mining Operations: Exploring Innovations In Predictive Modelling And Machine Learning.
		10.45 am	Siti Salmah Md Kassim Politeknik Ungku Omar	ICETISM139: The Impact Of The Efficient Use Of Multimedia Equipment On Management Of Malaysian Polytechnics
		11.00 am	Siti Salmah Md Kassim, Dinesha R Ravi Chandran, Hegasini Yogahiswaran Politeknik Ungku Omar	ICETISM163: E-UIDM System (EMS) for Polytechnic Community
		11.15 am	Noor Farhana Alias, Nurul Syala Abdul Latip, Noor Hayati Ismail, Osama Elrawi Universiti Sains Islam Malaysia	ICETISM28: VR/ AR And XR (Extended Reality) For Heritage Interpretation And Presentation: A Bibliometric Analysis
		11.30 am	Rusyidah Mat Zin Boestami, Farah Waheda Othman Politeknik Sultan Idris Shah	ICETISM242: Synthesis Of Biodiesel From Waste Cooking Oil By Using Eggshell As Catalyst
		11.45 am	Rusyidah Mat Zin Boestami, Farah Waheda Othman Politeknik Sultan Idris Shah	PH50_PolyCCSA25: Penerimaan Bagi Kertas Vulgaris Lanatus
		12.00 pm	Nik Nur Faizah Nik Hassan, Nurul Afifah Razali, Mohd Azuwan Efendy Mail Politeknik Mersing	PH66_PolyCCSA25: Sustainable Digital Transformation In Smes: A Research-Based Implementation Of Nas For Green File Sharing
		12.15 pm	Rosilawati Mohamad, Harzulaili Saleh Politeknik Muadzam Shah	PH83_PolyCCSA25: Smart Durian Guard: An Iot-Based Real-Time System For Automated Durian Fall Detection And Notification
		12.30 pm	Harzulaili Saleh, Rosilawati Mohamad Politeknik Muadzam Shah	PH52_PolyCCSA25: A-Grape Care: An Ai-Driven Web Platform For Intelligent Grape Farming And Disease Management

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		12.45 pm	Zuraihah Ngadengon, Nor Syafiqah Abdul Samat Politeknik Muadzam Shah	PH75_PolyCCSA25: Sirit: An IoT-Based Smart Irrigation System For Chili Cultivation
		1.00 pm	Rosmalati Aman Shah, Ruhaizat Jubri, Muhammad Syahmi Hasbullah Politeknik Ungku Omar	ICETISM218: LAHATE APPS
ICETISM 10.30 AM – 1.15 PM 30.09.2025 TUESDAY Moderator: Dr. Mohammad Razuan Abdul Razak Googel Meet Link: fue-bcto-pip	OLIVE ROOM 2	10.30 am	Rohayu Zulkapli, Mohd Amirul Helmi Ismail, Siti Izani Idris Politeknik Tuanku Syed Sirajuddin	ICETISM239: Impak Kandungan Mobilgrafi Terhadap Gaya Pembelajaran Visual Pelajar
		10.45 am	Siti Izani Idris, Siti Nurfirdaus Mohd Nasir, Mohd Fairuz Othman Politeknik Tuanku Syed Sirajuddin	ICETISM246: Designing VR Stage Master: A Virtual Reality App For Overcoming Public Speaking Anxiety
		11.00 am	Chu Sheng Ding, Chiew Yik Bong, Magdalen Petrus, Shi Yee Wong, Prescilla Anak Palis, and Chih Siong Wong University Of Technology Sarawak	ICETISM50: Exploring Internet Of Things Application In Sarawak's Construction Industry: A Qualitative Study Based On Semi-Structured Interviews
		11.15 am	Saiful Baharin Hairuddin, Mohd Nizam Kamarull Baharin, Mona Azizan Politeknik Ungku Omar	ICETISM393: Kajian Pencapaian Objektif Pembelajaran Program (PEO) Diploma Teknologi Maklumat (Teknologi Digital) Politeknik Ungku Omar Dari Persepsi Pelajar: Graduan Tahun: 2020
		11.30 am	Astri Idayu Athesan, Mohd Faizul Emizal Mohd Ghazi, Khairunnisa Hassan Kolej Komuniti Gopeng	PH92_PolyCCSA25: Enhancing Sustainability Awareness On Educational Campuses: A Bibliometric Analysis Of Research Development And International Collaboration
		11.45 am	Rafidah Ab Rahman, Rafizah Ab Rahman Politeknik Muadzam Shah	PH180_PolyCCSA25: Smart Hydroponics: A Low-Cost IoT-Based Fertilizer Monitoring System For Sustainable Agriculture
		12.00 pm	Rafizah Ab Rahman, Rafidah Ab Rahman Politeknik Muadzam Shah	PH190_PolyCCSA25: Development Of A Smart IoT-Based Monitoring System For Chili Plantation Using Cocopeat
		12.15 pm	Nurhaida Abdullah Hadi, Suryani Sabri Politeknik Tuanku Sultanah Bahiyah	PH174_PolyCCSA25: Schedusense: A Green Digital Solution For Facility Management At Malaysian Polytechnics
		12.30 pm	Haris Fadillah Hasan, Roziyaliney Muhammad, Ahmad Zahari Misnan Politeknik Muadzam Shah	PH74_PolyCCSA25: A Conceptual Framework For An Esp8266-Based Iot Air Quality Monitoring System Incorporating Green Technology For Sustainable Urban Environmental Management

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		12.45 pm	Nurul Shida Noni Politeknik Ibrahim Sultan	PH129_PolyCCSA25: Greener Minds at Work: Politeknik Ibrahim Sultan's Path to a Low-Carbon Future
		1.00 pm	Nurul 'Afifah Razali, Nik Nur Faizah Nik Hassan, Nur Dalila Abdullah Politeknik Muadzam Shah	PH82_PolyCCSA25: Cucumbertech Agro: Data-Driven Decision Making Via IoT Soil Monitoring And Visualization
GTiMME 10.00 AM 30.09.2025 TUESDAY	Keynote Address 9 (GTiMME) - JADE ROOM			
	Link: https://meet.google.com/cfy-znpm-qai Title: Effective Treatment of Fish Processing Wastewater Using an Integrated New Process of Self-Agitated Anaerobic Baffled Reactor and Simultaneous Partial Nitrification, Anammox, Denitrification, and COD Oxidation (SNADCO) Method. Speaker : Associate Professor Eli Hendrik Sanjaya, Ph.D Head of Center of Science and Engineering, Research Institute and Community Engagement, Universiti Negeri Malang, Indonesia.			
GTiMME 10.30 AM – 1.00 PM 30.09.2025 TUESDAY Moderator: Ts. Putri Irdha Ab Rahman Googel Meet Link: svr-cvas-adc	JADE ROOM 1	10.30 am	M. Aswad Othman, A. Salleh Buang, M. Azmin Zainal Politeknik Banting Selangor	GTiMME101: The Development of a Portable Aircraft Refueling Station for Small Aircraft in Politeknik Banting Selangor
		10.45 am	Suria Mohd Samdin, Muhammad Mustapha, Shukur Abu Hasan Politeknik Ibrahim Sultan	GTiMME296: The Effect of Recycled Milled Carbon Fibre on The Performance of Epoxy Structural Adhesives
		11.00 am	Ismail Lias, Muhamad Sani Buang, Zalaidda Talib Politeknik Banting Selangor	GTiMME37: Development Prototype JIG and FIXTURE Using Pneumatic System for Teaching Aid
		11.15 am	Mohammad Azmin Zainal, Mohd Khairun Nizam Sa'adan Politeknik Banting Selangor	GTiMME102: The Development of Virtual Reality of Aircraft Flight Instrument
		11.30 am	Suria Mohd Samdin, Irinah Abdullah, Norena Masliha Masuri Politeknik Ibrahim Sultan	GTiMME297: Utilisation of Palm Oil Fronds and Eggshells as Reinforcement in Pavement Brick
		11.45 am	Safiah Abdul Razak, Rosedhila Ramli, Lim Yee Kai Politeknik Banting Selangor	GTiMME061: Tahap Penerimaan Pelajar Kejuruteraan Mekanikal Terhadap Aplikasi Virtual Tour (VR 360°) Mesin CNC di Politeknik Banting Selangor
		12.00 pm	Jaslin Rasin, Mohd Ashadi Mohd Yusop, Suhaimi Said, Lailatul Hamidah Md Hamdan, Andy Buja, Sarah 'Atifah Saruchi Politeknik Kuching Sarawak	GTiMME216: Development of Pressing Process for Coffee Waste Fire Starter Machine
		12.15 pm	Athifah Fakhirah Muhammad, Mohammad Azmin Zainal, Mohd Izhan Ibrahim Politeknik Banting Selangor	GTiMME103: The Design of Aircraft Engine Compressor: Learning Kit for Semester 4 In Politeknik Banting

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		12.30 pm	Che Haspu Robiah Daud, Akasyah MK Politeknik Sultan Mizan Zainal Abidin	GTiMME54: Optimization of Palm Kernel Shell Nanoparticle Additive in Biodiesel-Diesel Blends for Diesel Engine Performance and Emissions Using Response Surface Methodology
		12.45 pm	Akasyah MK, Che Haspu Robiah Daud, Muhammad Yusri Ismail Politeknik Sultan Mizan Zainal Abidin	GTiMME53: Evaluation of Water-Diesel-Butanol Fuel Blends Under Varying Engine Conditions
GTiMME 10.30 AM – 1.00 PM 30.09.2025 TUESDAY Moderator: Mr. Muhammad Zahid Mainur Googel Meet Link: pua-wcnd-amy	JADE ROOM 2	10.30 am	Hazril Hisham Hussin, Muhammad Arieef Hussain, Nurzarina Shariff, Mohd Azli Salim, Nor Azmmi Masripan Politeknik Ungku Omar	GTiMME94: Reliability Performance of GNP/Ag/SA Hybridization Stretchable Conductive Ink on Cyclic Bending
		10.45 am	Binquan Wang, Eli Hendrik Sanjaya, Hong Chen Changsha University of Science & Technology	GTiMME389: Impact of Substrate Concentration Gradients on Nitrogen Removal Performance in a Novel Autotrophic Reactor
		11.00 am	Zhengwang Wu, Antong Duan, Yangkai Liu, Eli Hendrik Sanjaya, Hong Chen Changsha University of Science & Technology	GTiMME390: Sulfate Stress Triggers Microbial Shifts and Membrane Fouling in High-Ammonia Wastewater Treatment
		11.15 am	Jiakai Hu, Eli Hendrik Sanjaya, Hong Chen Changsha University of Science & Technology	GTiMME391: A Long-Term Pilot-Scale Study Assessed the Influence of Packing Media (Zeolite Versus Volcanic Rock) on the Long-Term Performance of Bioretention Systems Under Continuous Operation
		11.30 am	Hazril Hisham Hussin, M. Redzuan Che Noordin, Khairiana Razali, Azmi Naroh Mohd Azli Salim Politeknik Ungku Omar	GTiMME95: Electrical Property Changes of GNP Hybrid Conductive Inks Under Torsional Loading on Flexible Copper Substrates
		11.45 am	Norasyidah Mohd Noh, Nor Fairuz Hayati Amir, Nurulhuda Khalid, Muhammad Hamizan Shamsuddin Politeknik Banting Selangor	GTiMME34: Fabrication of Auto Stabilizing Spoon Using 3D Printer
		12.00 pm	Uma Devi Nadarajah, Vaina Malar Panneer Selvan Politeknik Banting Selangor	GTiMME198: Sustainable Engineering Education: Analyzing Practices in Mechanical and Aircraft Maintenance Final Year Projects
		12.15 pm	Ahmad Firdaus Zawawil Anwar Politeknik Bagan Datuk	GTiMME75: Eco-Thrust: Developing A Liquid Hydrogen Rocket Nozzle for Sustainable Propulsion

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		12.30 pm	Mohd Fahmi Kamaruddin, Karthigeyen Ramachandran Politeknik Ungku Omar	GTIMME120: Carbon Fibre Multipurpose Ratchet With 100 Nm Torque: Design and Development of a Versatile Tool for Space Constrained Mechanical Applications
		12.45 pm	Nurul Syahirah Mohd Nor, Mokhtar Che Ismail, Mohd Izamudin Itam Ahmed Kolej Komuniti Pasir Salak	GTIMME162: Corrosion Behaviour of SS304 Exhaust Tailpipe Under Simulated Sulphur Oxidation Conditions
ICoDESSD 10.00 AM 30.09.2025 TUESDAY	Keynote Address 10 (ICoDESSD) - SAGE ROOM			
	Link: https://meet.google.com/hnc-rbuo-jth Title: Sustainable Innovation in Accounting: Leveraging Technology for a Greener Future. Speaker : Associate Professor Dr. Raja Haslinda Raja Mohd Ali Deputy Dean (Research and Innovation) Tunku Puteri Intan Safinaz School of Accountancy, Universiti Utara Malaysia.			
ICoDESSD 10.30 AM – 1.00 PM 30.09.2025 TUESDAY Moderator: Dr. Rosmanizah Derahman Googel Meet Link: hnc-rbuo-jth	SAGE ROOM 1	10.30 am	Muhammad Fahmi Md Sabri, Rosmera Ibrahim Kolej Komuniti Bukit Beruang	PH151_PolyCCSA25: Assessing the Acceptance of Sustainable Tourism Practice Among Community College Students and Lecturers Through the Theory of Planned Behavior
		10.45 am	Mohd Faizul Emizal Mohd Ghazi, Astri Idayu Athesan, Khairunnisa Hassan Kolej Komuniti Gopeng	PH172_PolyCCSA25: Strategi Pembelajaran Tidak Formal Berasaskan Komuniti dalam Pemupukan Pengetahuan Pengelasan Sisa di Hari Rendah Karbon Ipoh
		11.00 am	Nor Hasliza Mohd Fadzil, Azmarini Mohd Nazri Politeknik Ungku Omar	PH173_PolyCCSA25: Driving Sustainable Procurement Efficiency Through Root Cause Analysis of Supplier Shipment Delays
		11.15 am	Jerina Ibrahim, Zaiton Yusok, Mohd Khairil Zainal Bahrin Politeknik Nilai	PH148_PolyCCSA25: Tahap Pengetahuan Dan Amalan Penjimatan Penggunaan Air Dalam Kalangan Pelajar Politeknik Nilai.
		11.30 am	Nor Haziah Hussin, Nur Hazwani Nerrahim, Azilah Anuar Politeknik Nilai	PH182_PolyCCSA25: Kesedaran Dan Amalan Pengurusan Sisa Pepejal Dalam Kalangan Penduduk Kuarters Staf di Politeknik Nilai
		11.45 am	Fairoz Yaakob, Norfaizah Bidin, Fara Diba Badrul Hisham Politeknik Nilai	PH220_PolyCCSA25: Landskap Hijau sebagai Strategi Kelestarian Kampus: Analisis Kualitatif dan Kuantitatif di Politeknik Nilai Kajian kes: Kamsis dan Bangunan Jabatan Kejuruteraan Mekanikal

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		12.00 pm	Fasuriah Abd. Wahab, Noor Fadzlin Abu Bakar Politeknik Port Dickson	PH221_PolyCCSA25: The Influence of Green Marketing Mix Towards Green Purchasing Intention
		12.15 pm	Khairul Azha Ahmad, Nabil Yaacob, Muhammad Sharif Abdullah Kolej Komuniti Ampang	PH133_PolyCCSA25: Kelestarian Tadbir Urus Institusi Melalui Inisiatif Projek Kotak Cinta
		12.30 pm	Nor Haziah Hussin, Zaiton Yusok Politeknik Nilai	PH85_PolyCCSA25: Tahap Pengetahuan, Kesedaran Dan Amalan Ke Arah Kelestarian Dalam Kalangan Pelajar Jabatan Perdagangan di Politeknik Nilai
		12.45 pm	Nadia Hairi, Fatimah Khair Jabatan Pengajian Politeknik dan Kolej Komuniti	ICoDESSD360: E-Waste Management Awareness in the Public Sector: A study Among the Staff of Department of Polytechnic and Community College Education
ICoDESSD 10.30 AM – 1.00 PM 30.09.2025 TUESDAY Moderator: Dr. Mazlina Jamaludin Google Meet Link: phd-vohy-oxd	SAGE ROOM 2	10.30 am	Jamaliah Jabar, Mohd Raju Mohd Saiful Said Politeknik Sultan Idris Shah	PH219_PolyCCSA25: Design and Fabrication of a Multifunction Trolley Using Recycled Steel
		10.45 am	Roziyaliney Muhammad, Haris Fadillah Hasan, Azra Mohammad Amiruddin Politeknik Muadzam Shah	PH72_PolyCCSA25: GreenGrow Infinity: Your Gateway to a Greener World
		11.00 am	Siti Syuhaila Zahari, Mohd Zainudin Jenal, Nurul Natasha Norzan Politeknik Sultan Idris Shah	PH80_PolyCCSA25: Fostering Sustainable Innovation through Green Awareness and Education in Higher Education
		11.15 am	Norzakiah Mohamed Bakhari, Hafidah Awadz @ Hussin, Yusdi Ismail Politeknik Tuanku Syed Sirajuddin	PH90_PolyCCSA25: Harumanis Mango Seed NFC Keychain: A Sustainable Souvenir Innovation from Perlis
		11.30 am	Farah Nadia Murad, Mohd Fadzil Ibrahim, Osman Fikri Awang Mina Kolej Komuniti Batu Gajah	PH94_PolyCCSA25: Integrasi Amalan Hijau Dan Rekaan Semula (Upcycling) Dalam Pembelajaran: Pendekatan Lestari Terhadap Pengurusan Sisa Fabrik Bagi Sijil Fesyen Dan Pakaian Kolej Komuniti Batu Gajah.
		11.45 am	Hasmaini Hashim, Hassan Ismail, Normazlina Mat Isa Politeknik Merlimau Melaka	PH106_PolyCCSA25: Transformasi Hijau Kampus Melalui Model SmartGreen: Analisis Berdasarkan UI GreenMetric
		12.00 pm	Nurul Asmar Azhan, Nor Afizah Jalil Politeknik Ibrahim Sultan	PH107_PolyCCSA25: Creative Product Design Based on Recycled Denim Fabric Through a Hybrid Approach in Fashion and Visual Design Education for Sustainability and Innovation

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		12.15 pm	Norasyikin Yaakub, Tuan Noor Rafidah Tuan Hassan, Julia Mohamed Uyob Politeknik Sultan Idris Shah	PH142_PolyCCSA25: The Effectiveness of Waste Coconut Coir Fibre and Egg Cartons in Reducing Noise Pollution from Sieve Shaker Machines
		12.30 pm	Azalinda Mat Saad, Dewi Maharah Mohd Walid, Noor Aini Moharad Politeknik Nilai	PH145_PolyCCSA25: Keberkesanan Sistem Tadahan Air Hujan di Politeknik Nilai (PNS)
		12.45 pm	Tuan Noor Rafidah Tuan Hassan, Norasyikin Yaakub, Julia Mohamed Uyob Politeknik Sultan Idris Shah	PH175_PolyCCSA25: A Green Approach: Assessing the Feasibility of Reused Banners as Geotextile Substitutes
ICoSCiD 10.00 AM 30.09.2025 TUESDAY	Keynote Address 11 (ICoSCiD) - FOREST ROOM 1			
	URL: https://meet.google.com/pfs-ujor-aad Title: Safe Cities and Fear of Crime in Malaysia: The Role of CPTED in Urban Security. Speaker : Associate Professor Dr. Siti Rasidah Md Sakip Head of Green Safe Cities Research Group UiTM Kampus Seri Iskandar, Perak.			
ICoSCiD 10.30 AM – 1.00 PM 30.09.2025 TUESDAY Moderator: Dr. Nurulaini Hafizah Mohd Hafir Googel Meet Link: pfs-ujor-aad	FOREST ROOM 1	10.30 am	Wong Grace Yun Zhen, Low Wai Wah, Vincent Lee Chieng Chen, Wong Kwong Soon, Low Sui Pheng Curtin University Malaysia, National University of Singapore	ICoSCiD45: Review of Green Project Management Practices in the Malaysian Construction Industry
		10.45 am	Siti Azliya Ismail, Mariah Awang, Sasitharan Nagapan, Hidayah Ahmad Politeknik Sultan Azlan Shah, Universiti Tun Hussien Onn Malaysia, Universiti Putra Malaysia	ICoSCiD26: Sustainable Urban Development: Enhancing Quality Of Life Through Green Innovations And Environmental Practices.
		11.00 am	Che Khairil Yusri Yusof, Nor Azme Nordin, Sulzakimin Mohamed Politeknik Sultan Haji Ahmad Shah, Universiti Tun Hussien Onn Malaysia	ICoSCiD79: Penilaian Ketepatan Pengambilan Butiran Menggunakan Gabungan Gps/Imu Jenis Stec Untuk Aplikasi Kadaster
		11.15 am	Nur Azlin Azhari, Nor'akma Osman, Nor Lizam Rajulan @ Hj. Salam Kolej Komuniti Selandar	ICoSCiD92: Utilization Of Paddy Husk In Lightweight Bricks For Sustainable Construction And Waste Management
		11.30 am	Noor Azalina Khalil Politeknik Tuanku Sultanah Bahiyah	PH39_PolyCCSA25: Pengurusan Air Secara Lestari: Satu Kajian terhadap Tahap Amalan Penjimatan oleh Warga Politeknik Tuanku Sultanah Bahiyah
		11.45 am	Mohd Zahirudin Mohamed Naaim, Marlina Abdul Manaf Politeknik Ungku Omar	ICoSCiD98: Penggunaan Media Sosial Dalam Pengajaran Dan Pembelajaran Dalam Bidang Geomatik
		12.00 pm	Nurul Aqilah Johar Politeknik Merlimau Melaka	PH60_PolyCCSA25: Kajian Cadangan Rekabentuk Edible Garden di Politeknik Merlimau Melaka

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		12.15 pm	Azirah Adnan Muhammad Sukri Abd Hamid, Asmalia Che Ahmad Politeknik Sultan Azlan Shah Universiti Teknologi MARA	PH49_PolyCCSA25: From Rain to Sustainable Resource: Evaluating the Economic Viability of Rainwater Harvesting in Malaysian Educational Hostels
		12.30 pm	Hassan Ismail Normala Sulaiman, Hasmaini Hashim Politeknik Merlimau Melaka	PH07_PolyCCSA25: Evaluating Sustainable Campus Development: A Comparative Analysis of Politeknik Merlimau Melaka's Performance in the Waste Indicator of UI Green Metric (2021–2024)
		12.45 pm	Noorfatekah Talib, Mohd Ashraf Ahmad Zubir, Saiful Adilin Ab Aziz, Muhammad Faiz Pa'suya, Sharifah Norashikin Bohari, Khairul Nizam Abdul Maulud Universiti Teknologi MARA Arau Universiti Kebangsaan Malaysia	ICoSCiD201: Landslide Susceptibility Mapping Using Fuzzy Logic and UAV Imagery in A GIS Framework: A Case Study of Baling, Malaysia
ICoSCiD 10.00 AM 30.09.2025 TUESDAY	Keynote Address 12 (ICoSCiD) - FOREST ROOM 2 URL: https://meet.google.com/wvn-kfcy-wrt Title: <i>Transforming Construction: Integrating Laser Scanning And Augmented Reality For Smarter Building Practices.</i> Speaker : Mr. Asmam Abadi Maswan Allterra (M) Sdn Bhd.			
	ICoSCiD 10.30 AM – 1.00 PM 30.09.2025 TUESDAY Moderator: Dr. Masreta Mohd @ Basri Googel Meet Link: wvn-kfcy-wrt	FOREST ROOM 2	10.30 am	Rosmalati Aman Shah, Ruhaizat Jubri, Farizan Zakaria Politeknik Ungku Omar
10.45 am			Rhahimi Jamil Politeknik Tuanku Sultanah Bahiyah	PH102_PolyCCSA25: Transformasi Kualiti Air Bawah Tanah: Aerator Bertingkat Bagi Penyingkiran Zat Besi Dan Mangan Di Telaga Boring
11.00 am			Afiqah Zahidah Anwarzaini, Nazirah Md Tarmizi Universiti Teknologi MARA Arau	ICoSCiD59: Relationship between LST, NDVI, and LULC in Determining Forest Fire Occurrence
11.15 am			Nik Mohd Iznaz Tuan Yaakub, Mohd Rofdzi Abdullah, Wan Nur Syazwani Wan Mohammad Universiti Teknologi MARA Seri Iskandar	ICoSCiD243: Design and Development of An Interactive Web-Based Learning Platform For BIM Using The Addie Model

VIRTUAL

		11.30 am	Mohd Ridzuan Abdul Rashid Politeknik Jeli Kelantan	PH119_PolyCCSA25: Pengaruh Kehadiran Pokok Landskap Terhadap Psikologi dan Budaya Kerja Staf: Satu Kajian di Politeknik Jeli Kelantan
		11.45 am	Chai Teck Jung, Haspina Sulaiman, Koh Heng Boon Politeknik Sultan Azlan Shah, Politeknik Ungku Omar, Universiti Tun Hussein Onn Malaysia (UTHM)	ICoSCiD70: Experimental Study on Water Absorption and Compressive Strength of Foamed Concrete Produced Using Eco-Foaming Agent
		12.00 pm	Mastura Masor, Mohammad Azrinsha Abdul Wahab Kolej Komuniti Rompin	PH189_PolyCCSA25: Penglibatan Pelajar dalam Aktiviti Kampus Hijau: Cabaran dan Cadangan
		12.15 pm	Rohayu Haron Narashid, Siti Nabila Shamsul Anuar, Tajul Rosli Razak Universiti Teknologi MARA	ICoSCiD214: Wind Speed Patterns For Rain Enhancement Potential Areas During The Southwest Monsoon
		12.30 pm	Fauziah Aziz, Salina Sariman Hidanah Mohd Yunus Politeknik Sultan Azlan Shah	PH130_PolyCCSA25: Utilization Of Coconut Fibre as Waste Materials In Asphalt Mixtures
		12.45 pm	Sharinatol Akmanida Jamaludin, Nur Sabahiah Abdul Sukor Universiti Sains Malaysia	ICoSCiD283: Exploring the Impact of Virtual Reality Technology on Cycling Safety Education for Primary School Children: A Scoping Review

PARALLEL SESSION 5

GTIMME 2.00 PM – 4.00 PM 30.09.2025 TUESDAY Moderator: Mrs. Norida Mohammad Noor Google Meet Link: iyu-eodu-ghx	JADE ROOM 1	2.00 pm	Helly Suhailla Solaiman, Azrinawati Samaon Politeknik Port Dickson	PH121_PolyCCSA25: Pembangunan Sangkar Penternaan Black Soldier Fly Dalam Pengurusan Sisa Organik: Satu Pendekatan Teknologi Hijau Mesra Alam
		2.15 pm	Muhamad Sujairi Yusof, Faizatulhaida Md Isa, Abu Hashim Saad Kolej Komuniti Tasek Gelugor	PH70_PolyCCSA25: Wuduk Eco Convert: Pengumpulan Air Pemeluapan Penyaman Udara Untuk Keperluan Wuduk di Kolej Komuniti Tasek Gelugor
		2.30 pm	Azrinawati Samaon, Helly Suhailla Solaiman, Salina Sumali Politeknik Port Dickson	PH184_PolyCCSA25: Kesedaran Alam Sekitar Bermula di Rumah: Suatu Kajian Literatur Terhadap Pengurusan Sisa Pepejal Di Malaysia
		2.45 pm	Badiul Zaman Md Zain, Mohd Zulkarnaen Mohd Ibrahim, Muhammad Khairi Aziz Politeknik Banting Selangor	GTIMME180: Structural Optimization of the Smartphone Holder Anchor Via Catia V5 Simulation
		3.00 pm	Siti Rozakiyah Assurin Hassan, Kalsom Salleh, Noor Rafidah Md. Osman Politeknik Tuanku Sultanah Bahiyah	PH17_PolyCCSA25: Towards Green Circularity in Cutting Tool Lifecycle: Surface Recovery

VIRTUAL

		3.15 pm	Abu Harfiz Hassan, Mohd Fathi Ramli, Suhana Mohd Gazi Politeknik Kuching Sarawak	PH14_PolyCCSA25: Amalan Pengurusan Sisa oleh Pelajar Bengkel Automotif di Politeknik Kuching Sarawak: Kajian Keberkesanan dan Cadangan Penambahbaikan
		3.30 pm	Fairuz Izdiyar, Eli Hendrik Sanjaya, Evi Susanti, Norman Yoshi Haryono, Hong Chen, Mohamad Febby Setyawan Universitas Negeri Malang, Indonesia	GTIMME407: Comparison of FUAD Microbial Consortium and Effective Microorganisms (EM4) as Liquid Organic Fertilizer Starter for Fruit-peel Waste Fermentation and Its Application for Cucumis melo L. Fertilizer
		3.45 pm	Fiki Maziya Naila, Eli Hendrik Sanjaya, Suharti Suharti, Mieke Alvionita, Hong Chen, Mohamad Febby Setyawan Universitas Negeri Malang, Indonesia	GTIMME408: Isolation and Characterization of Protease Producing Bacteria from Fish Canning Industry
ICoDESSD 2.00 PM – 3.45 PM 30.09.2025 TUESDAY Moderator: Dr. Parameswari Shunmugam Googel Meet Link: hnc-rbuo-jth	SAGE ROOM 1	2.00 pm	Azlina Hamdan, Nor Syahridah Noh Politeknik Ungku Omar Politeknik Sultan Abdul Halim Mu'adzam Shah	ICoDESSD202: Factors Influencing the Attitudes Towards Chatgpt Among Marketing Students at Politeknik Sultan Abdul Halim Mu'adzam Shah
		2.15 pm	Nur Intan Syazwani Jamaludin Politeknik Tunku Syed Sirajuddin	ICoDESSD245: Gamifying Remote Learning: Investigating Secondary Students' Engagement and Readiness Through Quizizz Integration In PDP
		2.30 pm	Rohidi Harun, Wahida Ahmad UiTM Shah Alam	ICoDESSD262: Navigating Fragmentation: How Moderate Regulation and Geopolitical Policy Drives Sustainable Business Growth in ASEAN
		2.45 pm	Sharmili Mohamed Rafi, Mohd Faizal Abd Rahman, Affida Hanis Shohaili Kolej Komuniti Bentong	ICoDESSD289: Green Accounting in Public Sectors: A Systematic Review
		3.00 pm	Nor Azila Pangat UiTM Shah Alam	ICoDESSD275: Workforce Retention in Healthcare: The Roles of ESG Integration
		3.15 pm	Nurul Hidayah Moksem, Wahida Ahmad UiTM Shah Alam	ICoDESSD286: Equity Access to Cancer Healthcare in Malaysia Through Public-Private Partnerships
		3.30 pm	Norhidayah Mat Yusof UiTM Shah Alam	ICoDESSD263: Enhancing Public Servants' Mental Well-Being by Integrating ESG in National Strategic Plan for Mental Health Policy 2020–2025

VIRTUAL

ICoDESSD

2.00 PM – 3.30 PM

30.09.2025

TUESDAY

Moderator:

Dr. Murugadas

Googel Meet Link:

phd-vohy-oxd

SAGE ROOM 2

2.00 pm

Khairul Rahim Khairudin, Wahida Ahmad

UiTM Shah Alam

ICoDESSD279: Demographic Factors, Herding Behavior, And ESG Considerations in Retail Investment Decisions

2.15 pm

Syaidatul Syahda Mohd Ali

UiTM Shah Alam

ICoDESSD268: The Usefulness of Integrated Reporting in Investment Decision-Making: A Conceptual Analysis

2.30 pm

Yanti Yusop Sazaliana Shairali

Politeknik Ungku Omar

ICoDESSD375: Mengenalpasti Tahap Daya Saing Pelajar Jabatan Perdagangan, Politeknik Ungku Omar

2.45 pm

Nur Sukriyah Mohd Tarmizi

UiTM Shah Alam

ICoDESSD264: Aligning Government Policy, Sustainability-Linked Financing, And Tax Incentives for ESG Integration in Malaysian Small, And Medium Enterprises (SMEs)

3.00 pm

Roslee Uyub, Ku Maisurah Ku Bahador, Ram Al Jaffri

Politeknik Ungku Omar

Universiti Utara Malaysia

ICoDESSD371: Integrating Technology Acceptance Model with Diffusion of Innovation Theory: An Empirical Investigation of The Usage Behaviour of XBRL-Based Malaysia Business Reporting System

3.15 pm

Marliana Jamaluddin, Annafatmawaty Ismail

Politeknik Ungku Omar

ICoDESSD215: Examining the Effects of Social Media on Academic Performance in Terms of Communication skills, Time management and Mental Health

ICoSCiD

2.00 PM – 3.30 PM

30.09.2025

TUESDAY

Moderator:

Ir. Ts. Dr. Azuin Ramli

Googel Meet Link:

pfs-ujor-aad

FOREST ROOM 1

2.00 pm

Mustaqiimah Muhamad

Politeknik Tuanku Sultanah Bahiyah

PH144_PolyCCSA25: e-Pelan Akui Simulasi Lot di PTSB untuk Amali Ukur Kadaster 1

2.15 pm

Mustaqiimah Muhamad

Politeknik Tuanku Sultanah Bahiyah

PH168_PolyCCSA25: Pemetaan Atas Talian Lokasi Pusat Dialisis di Daerah Kulim, Kedah

2.30 pm

Fara Diba Badrul Hisham, Nurul Aimi Ahmad Suandi

Politeknik Nilai

PH214_PolyCCSA25: A Digital Mapping Analysis of Green Areas towards Enhancing the Carbon Sequestration Potential at Politeknik Nilai

2.45 pm

Haryati Ismail, Nor Asma Mamat, W. Mohd Haniff W. Mohd Shaupil

Politeknik Kota Bharu

ICoSCiD80: Impact of Non-Value-Adding Activities on Construction Project Cost

3.00 pm

Noraidawati Nordin, Fairoz Jumhat, Haizah Hamzah

Kolej Komuniti Temerloh

PH159_PolyCCSA25: Assessing the Usage, Awareness, and Challenges of E-Beam Micro Mobility. Services in Bandar Hilir, Melaka

ICoDESSD

2.00 PM – 3.30 PM

30.09.2025

TUESDAY

Moderator:

Dr. Murugadas

Googel Meet Link:

phd-vohy-oxd

SAGE ROOM 2

2.00 pm

Khairul Rahim Khairudin, Wahida Ahmad

UiTM Shah Alam

ICoDESSD279: Demographic Factors, Herding Behavior, And ESG Considerations in Retail Investment Decisions

2.15 pm

Syaidatul Syahda Mohd Ali

UiTM Shah Alam

ICoDESSD268: The Usefulness of Integrated Reporting in Investment Decision-Making: A Conceptual Analysis

2.30 pm

Yanti Yusop Sazaliana Shairali

Politeknik Ungku Omar

ICoDESSD375: Mengenalpasti Tahap Daya Saing Pelajar Jabatan Perdagangan, Politeknik Ungku Omar

2.45 pm

Nur Sukriyah Mohd Tarmizi

UiTM Shah Alam

ICoDESSD264: Aligning Government Policy, Sustainability-Linked Financing, And Tax Incentives for ESG Integration in Malaysian Small, And Medium Enterprises (SMEs)

3.00 pm

Roslee Uyub, Ku Maisurah Ku Bahador, Ram Al Jaffri

Politeknik Ungku Omar

Universiti Utara Malaysia

ICoDESSD371: Integrating Technology Acceptance Model with Diffusion of Innovation Theory: An Empirical Investigation of The Usage Behaviour of XBRL-Based Malaysia Business Reporting System

3.15 pm

Marliana Jamaluddin, Annafatmawaty Ismail

Politeknik Ungku Omar

ICoDESSD215: Examining the Effects of Social Media on Academic Performance in Terms of Communication skills, Time management and Mental Health

ICoSCiD

2.00 PM – 3.30 PM

30.09.2025

TUESDAY

Moderator:

Ir. Ts. Dr. Azuin Ramli

Googel Meet Link:

pfs-ujor-aad

FOREST ROOM 1

2.00 pm

Mustaqiimah Muhamad

Politeknik Tuanku Sultanah Bahiyah

PH144_PolyCCSA25: e-Pelan Akui Simulasi Lot di PTSB untuk Amali Ukur Kadaster 1

2.15 pm

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Politeknik Nilai

PH214_PolyCCSA25: A Digital Mapping Analysis of Green Areas towards Enhancing the Carbon Sequestration Potential at Politeknik Nilai

2.45 pm

Haryati Ismail, Nor Asma Mamat, W. Mohd Haniff W. Mohd Shaupil

Politeknik Kota Bharu

ICoSCiD80: Impact of Non-Value-Adding Activities on Construction Project Cost

3.00 pm

Noraidawati Nordin, Fairoz Jumhat, Haizah Hamzah

Kolej Komuniti Temerloh

PH159_PolyCCSA25: Assessing the Usage, Awareness, and Challenges of E-Beam Micro Mobility. Services in Bandar Hilir, Melaka

VIRTUAL

ICoSCiD 2.00 PM – 4.15 PM 30.09.2025 TUESDAY Moderator: Ts. Dr. Ramu Velusamy Google Meet Link: wvn-kfcy-wrt	FOREST ROOM 2	3.15 pm	Othman Zainon, Mohamad Taqiff Mohd Radzi Universiti Teknologi Malaysia	ICoSCiD2025_001: Utilizing Robotic Total Station Technology for Landslide Risk Mitigation in Urban Development
		2.00 pm	Noor Sarena Mohd Zahid Politeknik Balik Pulau	PH08_PolyCCSA25: Smart Waste Segregation Using YOLOv5 and IoT: A Step Toward Sustainable Urban Waste Management
		2.15 pm	Zuraidah A.B. Moin Politeknik Sultan Salahuddin Abdul Aziz Shah	PH164_PolyCCSA25: A CSR-Based Experiential Learning Approach in Civil Engineering Education
		2.30 pm	Rossitah Selamat Politeknik Tuanku Sultanah Bahiyah	PH86_PolyCCSA25: Kajian Penerimaan Komuniti Terhadap Karbon Neutral 2050 dan Implikasi Sosio-Ekonomi di Kulim Hi-Tech: Suatu Tinjauan Literatur dan Analisis Awal
		2.45 pm	Norhidayani Said Kolej Komuniti Teluk Intan	PH222_PolyCCSA25: Inisiatif Hijau melalui Penanaman Pokok: Kajian Kes Program Smart Green di Bukit Selfie
		3.00 pm	Rosmaizul Mustapha, Ahmad Nazrul Hakimi Ibrahim, Muhammad Nazri Borhan Universiti Kebangsaan Malaysia	ICoSCiD284: Shaping Sustainable Transportation: A Bibliometric Exploration of Leading Research in Electric Vehicle Adoption
		3.15 pm	Nazatul Fariza Bakri, Muhammad Zulkarnain Abd Rahman, Omar Farouq Fauzi Politeknik Ungku Omar, Universiti Teknologi Malaysia	ICoSCiD348: Individual Tree Above Ground Carbon Stock Estimation Using Terrestrial Laser Scanning (TLS)
		3.30 pm	Mohd Ashraf Ahmad Zubir, Khairulazhar Zainuddin, Abd Wahid Rasib, Norbazlan Mohd Yusof, Azizul Faiz Abdul Aziz Universiti Teknologi MARA, Universiti Teknologi Malaysia, PLUS	ICoSCiD176: Evaluation of a Pretrained Deep Learning Model for Indoor Crack Detection Using DSLR and Mobile Phone Cameras
		3.45 pm	Mohd Asri Hj Zahid Sharifah Lailaton Khadijah Politeknik Ungku Omar	ICoSCiD31: Generation Of Survey Application Plans Using Drone Technology
		4.00 pm	Mohd. Asri Zahid, Muhd. Afiq D. Zaruni, Amir Sharifuddin Ab Latip, Nur Azlina Hariffin, M. Hezri Razali Politeknik Ungku Omar, Universiti Teknologi MARA	ICoSCiD238: Performance Evaluation Of GNSS Techniques In Cadastral Survey Works