

JADUAL PEMBENTANGAN IPiTEC 2024
14 Mei 2024

Makluman

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Bilik 1

Bidang: Engineering

Moderator: Pn. JULIANTI BINTI SAMSUDIN (julianti@psa.edu.my)

Panel Penilai 1: Pn. JULIANTI BINTI SAMSUDIN (julianti@psa.edu.my)

Panel Penilai 2: Profesor Madya Dr. Farida Hazwani binti Mohd Ridzuan, USIM
(farida@usim.edu.my)

Bil	Tajuk	Nama pembentang	Institusi
1.	Sustainable Interlocking Brick Production Using Recycled Polypropylene Plastic	Maswira Mahasan maswira@psa.edu.my	PSA
2.	Flour Sieving Machine Using Internet of Things	Rosedhila Ramli rosedhila@polibanting.edu.my	PBS
3.	Design and Development of Plastic-Based Laundry for Waste Reduction and Reuse	Rodzaida Md Alias rodzaida.alias@psa.edu.my	PSA
4.	Development of Aviation Friendly Dustbin	Abd Razak Razali abdrazak@polibanting.edu.my	PBS
5.	Development of an E-Inventory System for Hangar in Politeknik Banting Selangor	Mohd Firdaus bin Ahmad mfirdausahmad@polibanting.edu.my	PBS
6.	Development of Enhanced Mobility Maintenance Toolbox	Mohd Aizuddin bin Elias aizuddin@polibanting.edu.my	PBS
7.	The Effectiveness of LBP And HAAR Cascades On Authentication Face Login Using Local-Flask Binary Pattern	Taswanda Taryo dosen02234@unpam.ac.id	UNPAM
8.	Development of Landing Gear Mobile Application for Aircraft Education	Muhd Hafizuddin Bin Othman mhafizuddin@polibanting.edu.my	PBS
9.	Development of Aircraft Parts Explorer (APEX) Game Using Roblox	Norlia Ghazali norlia@polibanting.edu.my	PBS
10.	Development Automatic Wheelbarrow for Ejection System	Suziyani Md Zin suziyani@polibanting.edu.my	PBS
11.	An Analysis of Quantitative Parameters Integrated with Self-Rehabilitation Device for Upper Limb Articulation Motor Function in Stroke Therapy	surendranramakrishnan31@gmail.com	

Bilik 2

Bidang: Engineering

Moderator: Firdaus (firdaus.raduan@psa.edu.my)

Panel Penilai 1: Dr Nurfadillah Ahmad Mahamud

Panel Penilai 2: Dr. Khairul Fahzan bin Salleh, Politeknik Sultan Salahuddin Abdul Aziz Shah
(skhairul@psa.edu.my)

Bil	Tajuk	Nama pembentang	Institusi
1.	Web-Based Student Assessment Sample Management System	Zainal Fitri Mohd Zolkifli zainal_fitri@gmail.com	PSMZA
2.	An Obstacle Robot Recognition System Using Speed Control Algorithm and Collision Avoidance Logic.	Ahmad Sabri Bin Mohamed ahmadsabrimohamed@gmail.com	PTSB
3.	Advancing Education Wind Power Generation Through Magnetic Wind Turbine Technology	Mohd Azam Mohd Daud azam@polibanting.edu.my	PBS
4.	Ergonomic Scooter Wheelchair	Nik Noor Zilawati Binti Nik Ab Rahman zilawati@ptsb.edu.my	PTSB
5.	Post-Buckling Response of Aluminium Stiffened Panel Based on Damage Initiation Model: A Case Study	Suzliana Binti Marsom suzliana@psa.edu.my	PSA
6.	Soil Amendment Using Biochar from Organic Waste	Tengku Fattnin Alya Tengku Kamaruzaman alya@ptsn.edu.my	PTSN
7.	Kajian Awal Penyiasatan Tanah Bagi Sistem Binaan Berindustri (Ibs) Dalam Pembinaan Rumah Di Tanjung Kling, Melaka	Mohamad Azwan Ikhwat azwan.ikhwat@polimelaka.edu.my	PMK
8.	Wireless Air Quality Monitoring System for Polimas Student Parking Lot	Nui Din Keraf nui@polimas.edu.my	POLIMAS
9.	Optimizing Coating Materials and Method For High Voltage Glass Insulator Efficiency	Ir. Meor Ahmad Zainal Meor Muhamud meor.phd@gmail.com	BPSM, KPT
10.	Development Of Exercise Fingers	Habibah Remeli habibahremeli@gmail.com	PSMZA

Bilik 3

Bidang: Engineering

Moderator: Pn. Maziharita (maziharita@psa.edu.my)

Panel Penilai 1: Dr. Yohana, Politeknik Caltex Riau (yohana@pcr.ac.id)

Panel Penilai 2: Dr. Rohaniza binti Mohd Zali, Politeknik Sultan Salahuddin Abdul Aziz Shah (rohaniza@psa.edu.my)

Bil	Tajuk	Nama pembentang	Institusi
1.	Pencapaian Objektif Pendidikan Program (PEO) Bagi Program Sijil Penyelenggaraan Bangunan Di Kolej Komuniti Bandar Penawar	Khairul Bariyah Masrakin khairulbariyah@kbbpenawar.edu.my	KK Bandar Penawar
2.	IoT Applications Based Patient Monitoring System	Baharuddin Mustapha baharuddin@psa.edu.my	PSA
3.	IoT-Enhanced Load Management System for Smart Lorries	Afidah Malek afidah@celt.edu.my	
4.	Implication of DGI40122 Teaching Kit on Learning Experience of Petrochemical Engineering Students	Tuan Rozilaazawani Tuan Mat tuanila@ptsn.edu.my	PTSN
5.	Innovation of Alternative Walkway Interlocking Concrete Block	Isma Afiza Ismail ismaafizaismail@gmail.com	
6.	Utilization Of Recycled High-Density Polyethylene (RHDPE) Plastic for Production of Wall Panel	Daliela Ishamuddin daliela@psa.edu.my	PSA
7.	Initial Development of a Medical Device Testing And Calibration Virtual Simulation Platform Using Google Spreadsheet	Mr. Rino Ferdian Surakusumah rino.ferdian@ikta.ac.id	indonesia
8.	Design And Fabrication of Automatic Hydraulic Murukku Machine	Mr. Lim Kai limyeekai@gmail.com	
9.	Design And Fabrication of Automatic Murukku Machine With Conveyor System To Produce Spirograph Pattern Dough	Mr. Lim Kai limyeekai@gmail.com	
10.	Navigating Challenges: Current Progress in Applying the Multi-Criteria Decision-Making Approach to Food Waste Composting Management	Khamisah Mohamed khamisah1968@gmail.com	PTSN*

*Untuk makluman moderator/ panel penilai

Bilik 4

Bidang: Engineering

Moderator: Noorlaili (Noorlaili@psa.edu.my)

Panel Penilai 1: Dr. Ong Tze Ching, Politeknik Kuching (tze@poliku.edu.my)

Panel Penilai 2: Dr. Ling Ying Leh, Politeknik Kuching (drylling@poliku.edu.my)

Bil	Tajuk	Nama pembentang	Institusi
1.	ARNOVO: Next-Gen AR Learning Kit for Smart Homes	Suhaina Mohamed Zaki suhaina@kkpg.edu.my	KK Pasir Gudang
2.	Pembangunan Aplikasi WebwiseNote Sebagai Bahan Bantu Mengajar Bagi Kursus STM20233 Web Development Di Kolej Komuniti Pasir Gudang	Mrs. Irma Binti Maaman irma@kkpg.edu.my	KK Pasir Gudang
3.	Perceptions Of Electrical and Electronic Engineering Career Paths: A Study Among Form Five Students in The Dungun Area	Norfadhilah Hasan norfadhilah@psmza.edu.my	PSMZA
4.	Pembangunan Alat Peranti Keselamatan Kanak-Kanak	Nazira Yunus nazira@psmza.edu.my	PSMZA
5.	Iot-Based Digital Pressure Meter Prototype Equipped with A Thermohygrometer for Sphygmomanometer Calibration	Romi Mulyadi romymulyadi4@gmail.com	
6.	Programming In Robotics: A Survey Among Pre-Service Teachers in Institute of Teacher Education, Technical Education Campus	Ms. Anusuya Kaliappan anu_suyal@yahoo.com	
7.	An Invention of a Smart Blind Stick Using Iot	Mmaniyarasi A/P Munusamy yaashvanmaniyarasi@gmail.com	
8.	Pembentukan Komposit Daripada Gentian Kenaf Panjang Tidak Dirawat	Dulina Tholibon dulina@ptsn.edu.my	PTSN
9.	The Development Of Remote-Control Aircraft TUG (RCAT) For Light Aircraft Towing At Politeknik Banting Selangor	Mohamad Faizal bin Daud mohamadfaizal@polibanting.edu.my	PBS
10.	Assessing The Effectiveness Of VR In Aviation Maintenance Education In Politeknik Banting Selangor	Mohd Aswad bin Othman aswad@polibanting.edu.my	PBS

Bilik 5

Bidang: Sains Sosial

Moderator: Pn. Mazilah (mazillah@psa.edu.my)

Panel Penilai 1: Dr. Agus Mariani Saragih, E E., M. Si, Politeknik Negeri Medan
(agusrangkuti@polmed.ac.id)

Panel Penilai 2: Dr. Noordini binti Abdullah, Politeknik Sultan Salahuddin Abdul Aziz Shah
(nordini@psa.edu.my)

Bil	Tajuk	Nama pembentang	Institusi
1.	Tin Minuman Sebagai Bahan Utama Panel Sistem Solar Di Dalam Pembangunan Teknologi Hijau	Izwanizam Yahaya izwanizam@kksegamat2.edu.my	KK Segamat 2
2.	Optimizing Environmental and Performance Characteristics of Candle from Waste Cooking Oil	Raidah Md Sudi raidah@ptsn.edu.my	PTSN
3.	Pembangunan Dan Pengoptimuman Turbin Untuk Sistem Vortex: Tinjauan Terhadap Penghasilan Tenaga Hijau Yang Cepak	Dr. Mazita Mat Ali mazita@polinilai.edu.my	PNS
4.	Production of Eco Faperbrick from Used Fabric and Paper Wastes	Anis Sakinah anis.sakinah@ptsn.edu.my	PTSN
5.	Development of Conductive Ink from Spent Dry Cell and Waste Pencil Lead for Printing Application	Anis Sakinah anis.sakinah@ptsn.edu.my	PTSN
6.	Utilisation of Plastic Waste to Produce Eco-Friendly Foundation Material for Household Organizer	Nor Azrin Ahmad Kurnin nor.azrin.kurnin@gmail.com	PTSN
7.	Cigarette Butts, Face Masks and Plastic Bottle Caps Recycling Into Concrete Bricks	Azini Amiza Hashim aziniamiza@ptsn.edu.my	PTSN
8.	Woodbately Mobilex Shelving (WMS)	Wahida Mohamad Noor wahida@psa.edu.my	PSA
9.	Rattan as a Natural Fibre: A Single-Fibre Strength Test	Mohamad Pazlin Bin Saion Leepaz2413@gmail.com	PBS*
10.	Web-Based Complementary Medicine Patient Registration Information System	Abd Ghani Rashed @ Mohamed abdghani@polimelaka.edu.my	PMK*

*Untuk makluman moderator/ panel penilai

Bilik 6

Bidang: Sains Sosial

Moderator: Dr. Parameswari Shunmugam (parames@psa.edu.my)

Panel Penilai 1: Dr. Dyah Nurwidyaningrum, Politeknik Negeri Jakarta
(dyah.nurwidyaningrum@sipil.pnj.ac.id)

Panel Penilai 2: Dr. Parameswari Shunmugam, Politeknik Sultan Salahuddin Abdul Aziz Shah
(parames@psa.edu.my)

Bil	Tajuk	Nama pembentang	Institusi
1.	Kajian Terhadap Minat Dan Motivasi Terhadap Subjek Matematik Pelajar Penyejukan Dan Penyamanan Udara	Yusmaria Mohd Yusoff yusmaria10@gmail.com	KK HULU LANGAT
2.	Garis Panduan Bagi Amalan Dan Penggunaan Peralatan Tmk Dalam Perkongsian Ilmu	MAZLAINE HUSAIN mazlaine@kkhl.edu.my	KK HULU LANGAT
3.	Improving Workplace Safety in Composting Facilities: Employing HIRARC for Comprehensive Risk Assessment and Governance in Aerobic Windrow	Maria Mansor mariamansor@ptsn.edu.my	PTSN
4.	Peranan Pelan Strategik PolyCC Dalam Pelaksanaan Aktiviti Pemindahan Teknologi Di Politeknik Dan Kolej Komuniti Malaysia	Nur Zahirah Mohd Ghazali nurzahirah.m@psa.edu.my	PSA
5.	Assessing The Environmental and Social Impact of a Bottle Cap Collection and Sue Bonnet Doll Project: A Case Study at Politeknik Sultan Salahuddin Abdul Aziz Shah	Mariana Rosdi annemariarose77@gmail.com	PSA
6.	Sign Language Signal Pattern of Finger Movement	Sri Shaaling srishaalini0811@gmail.com	
7.	An Analysis of Quantitative Parameters Integrated With Sel-Rehabilitation Device for Upper Limb Articulation Motor Function via BLYNK	Mr. Surendran Shivaraj Seran Ramakrishnan surendranramakrishnan31@gmail.com	
8.	Pembangunan Robot Kawalan Jauh Menggunakan Aplikasi Motor AT untuk Pembersihan Padang Woodball	Mahmud bin Selamat smahmud69@yahoo.com	

9.	Flour Sieving Machine Using the Internet of Things	Rosedhila Ramli rosedhila@polibanting.edu.my	PBS
10.	Design and Development of Durian Opener JIG	Fazrul Idzam Zainal Abidin mohdshahrom@psa.edu.my	PSA
11.	Fabrication of A Portable Metal Bending Machine for Educational and Small-Scale Industrial Appliances	Jeevana Jothi a/p Ramakrishna jeevana.jothi@polibanting.edu.my	PBS

Bilik 7
sabri

Bidang: Sosial Sains

Moderator: Mdm. Pusphalatha (pushpalatha@psa.edu.my)

Panel Penilai 1: Dr. Marlina Ramli, PSA (marlina_ramli@psa.edu.my)

Panel Penilai 2: Dr. Aziam Mustafa, PSA (aziammustafa@gmail.com)

Bil	Tajuk	Nama pembentang	Institusi
1.	RELIGIOUSITY AND MOTIVATION ON EMPLOYEES' JOB PERFORMANCE: THE PERSPECTIVE OF SHAZ RESTAURANTS IN SELANGOR	Siti Shahira binti Abdullah shahirasiti190@gmail.com	PSA
2.	FACTORS (LOCATION, ENVIRONMENT, FACILITIES) INFLUENCING CUSTOMER SATISFACTION OF SHAZ RESTAURANTS IN SELANGOR	Kabilan A/L Manokaran kabilanmanokaran95@gmail.com	PSA
3.	FACTORS (FOOD QUALITY, SERVICE QUALITY AND STAFF)INFLUENCING CUSTOMER SATISFACTION OF SHAZ RESTAURANTS IN SELANGOR	Nur Syuhada Binti mohd Baseri syhdaleffa@gmail.com	PSA
4.	FACTORS (FOOD QUALITY, SERVICE QUALITY AND ENVIRONMENT) INFLUENCING CUSTOMER REVISIT INTENTION TO SHAZ RESTAURANTS IN SELANGOR	Muhammad Qayyim Bin Mohd Rizal mqiskandar2004@gmail.com	PSA
5.	Factors Influencing the Purchase Intention of Maggi Mushroom Soup among community in Polytechnic Sultan Salahuddin Abdul Aziz Shah	Nurul Nabila Binti Mohd Sabri nabilamohdsabri@gmail.com	PSA
6.	Factors Influencing the Purchase Intention of Aromatic Cleaning Spray among community in Polytechnic Sultan Salahuddin Abdul Aziz Shah	Ahmad Fahim Bin Mohd Yusoff fahimyusoff24@gmail.com	PSA
7.	Factors Influencing The Purchase Intention Of Spectacle Cases Among Community In Polytechnic Sultan Salahuddin Abdul Aziz Shah	Nurul Ain Binti Rauf ainrauf234@gmail.com	PSA

8.	Factors Influencing The Purchase Intention Of Deux Bag Among In Polytechnic Sultan Salahuddin Abdul Aziz Shah	Nurul Fariesya Binti Basirun nurulfrysya30@gmail.com	PSA
9.	Consumer Perception on Food Safety & Food Hygiene of Shaaz Restaurant Online Food Delivery Services in Selangor	Nor Fadhilah Binti Nor Liki norfadhilah0409@gmail.com	PSA
10.	USERS' SATISFACTION TOWARDS THE DEVELOPMENT OF I-CLASMA (INFORMATION CLASS MANAGEMENT) AT POLITEKNIK SULTAN SALAHUDDIN ABDUL AZIZ SHAH	Qistina Aqilah qistinastd@gmail.com	PSA