

PARALLEL SESSION 1

6th May (11:00 - 12:30)



MAIN HALL (PERKASA BALLROOM)

Chairperson: Assoc. Prof. Dr. Mohd Firdaus Abdul Wahab

Assistant Chairperson: Nik Ihtisyam Majdah Binti Nik Razi

TIME	ID	PRESENTER	TITLE
11:00 - 11:15	OB025	Vivi Novianti Invited Speaker	Analysis of Plant Diversity and Its Impact on The Sustainability of The Savanna Ecosystem of Bromo Tengger Semeru National Park
11:15 - 11:25	OB005	Mustapha Isah	<i>Moringa oleifera</i> -Silver-Kaolinite Nanocomposite as an Antimicrobial Agent
11:25 - 11:35	OB010	Silvia Kurnia Sari	Achromobacter xylosoxidans BP(1)5 Biosurfactant and Its Potential Use as Antimicrobial Agent
11:35 - 11:45	OB012	Arsy Habi Priyatama	Crude oil Biodegradation by Achromobacter xylosoxidans BP(1)5 Indigenous Isolate from Hydrocarbon Contaminated Soil
11:45 - 11:55	OB014	Elvis Perdana Putra	Effectiveness of Slow Sand Filter (SSF) on Reducing Fecal Coliform Bacteria in The Water of The Tenggilis Kauman Surabaya River
11:55 - 12:05	OB016	Abdullah Amru Indera Luthfi	Sustainable Bioprocessing of Pineapple Peel Hydrolysate: Optimized Fermentation for Xylitol Production Using <i>Candida tropicalis</i>
12:05 - 12:15	OB018	Hazwani Kusairee	Molecular Characterization and Sequence Analysis of the <i>Lsi2</i> Gene in <i>Capsicum annum</i>
12:15 - 12:30	OC019	Yuhanees Mohamed Yusof Invited Speaker	Characterization of Maltodextrin-based Solid Polymer Electrolytes Incorporated with Ammonium Salts for Application in Energy Devices

BREAKOUT ROOM 1 (PENDETA 1)

Chairperson: Dr Farah Hanis Juhari

Assistant Chairperson: Mustapha Mohammed Karagama

TIME	ID	PRESENTER	TITLE
11:00 - 11:15	OB007	Sugiharto Invited Speaker	Potency of <i>Zingiber officinale</i> and <i>Boesenbergia rotunda</i> as Stimulators of Endogenous Antioxidant Enzymes in The Kidney Lead-exposed Mice
11:15 - 11:25	OB019	To Soon Wei	Optimization of Phytomediated Silver Nanoparticles Using <i>Bauhinia kockiana</i> and Their Antioxidant Potential
11:25 - 11:35	OB020	Muhammad Shawal Shafiee	Phytocompound Profile of Selected <i>Zingiberoideae</i> Species in Malaysia
11:35 - 11:45	OB021	Nur Hasya Abd Halim	<i>In Silico</i> Evaluation of ssDNA Aptamer Against 2GHV of SARS-CoV
11:45 - 11:55	OB023	Khavithra Gobala Krisnan	<i>In silico</i> Design of RNA Aptamer Targeting the Receptor Binding Domain of the SARS CoV-2 Omicron Variant Spike Protein
11:55 - 12:05	OB024	Nur Fathiah Binti Tahir	Characterization of Pathogen Induced Thaumatin-like Protein <i>MabTLP</i> from <i>Musa acuminata</i> cv. 'Berangan'
12:05 - 12:15	OB025	I Gusti Ngurah Agung Wiwekananda	Green Synthesized Silver Nanoparticles Using <i>Bauhinia kockiana</i> Extract Inhibit HeLa Cancer Cells Proliferation and Migratory Ability
12:15 - 12:30	OC024	Dr. Yanuardi Raharjo Invited Speaker	Selective and Biocompatible Adsorbent Applied for Indoxyl Sulphate Uremic Toxins Removal into Hemoperfusion System

PARALLEL SESSION 1
6th May (11:00 - 12:30)

BREAKOUT ROOM 2 (PENDETA 2)

Chairperson: Dr Juan Matmin

Assistant Chairperson: Nuratiqah Ismail

TIME	ID	PRESENTER	TITLE
11:00 - 11:15	OC023	Faizuan Abdullah Invited Speaker	Molecularly Imprinted Polymer Electrochemical Sensor for Detection of Free Fatty Acids in Used Cooking Oil
11:15 - 11:25	OC002	Mohammed Sani Adamu	Modification of Cassava Starch Using NaOH Urea Solution for Development and Evaluation of an Eco-friendly Bio-adhesive
11:25 - 11:35	OC005	Elis Osman	Efficacy of pH-responsive Polymethacrylic Acid-Coated Titania Nanocomposites in the Photodegradation of Paracetamol
11:35 - 11:45	OC008	Muhammad Zulhaziman Mat Salleh	Predictive Assessment of 5-hydroxymethylfurfural (HMF) Extraction Performance from Model Hydrolysate using Hydrophobic Deep Eutectic Solvents
11:45 - 11:55	OC010	Rizwan Khan	Enhancing the Photoelectrochemical Activity of BiVO ₄ Thin Films via Integration of 1 st Row Early Transition Metal (Ti-, V- and Cr-based) MXenes
11:55 - 12:05	OC013	Neesha Irdeanna Ahmad Arshad	Construction of Z-Scheme Ternary ZnO/CdS/BiOOOH Photocatalyst for Degradation of Tetracycline Hydrochloride
12:05 - 12:15	OC014	Ahmad Alif Syamsuddin Mohamad Nasir	Catalytic Ammonia Decomposition Over Activated Alumina Beads Supported Nickel-Based Metal Oxides Catalyst: Synthesis Optimization Using Response Surface Methodology
12:15 - 12:30	OP022	Ali Khumaeni Invited Speaker	Enhanced Photodegradation by Bismuth-Doped Metal Nanoparticles: A Pulsed Laser Ablation Approach Using a Liquid Containing the Doping Agent

BREAKOUT ROOM 3 (PENDETA 3)

Chairperson: Prof. Dr. Sharidan Shafie

Assistant Chairperson: Nurul Najihah Rawi

TIME	ID	PRESENTER	TITLE
11:00 - 11:15	OM004	Nur Chamidah Invited Speaker	Modeling the Number of Pneumonia Cases among Toddlers in East Java Province with the Generalized Additive Model Approach
11:15 - 11:25	OM001	Purani Kunasegaran	Analytical Solution of Two-dimensional Advection-diffusion Equation with Temporally Dependent Coefficients and Fractional Derivative
11:25 - 11:35	OM014	Noraini Hasan	Solution of the Steady-State 2D Electrical Resistivity Tomography (ERT) Model in a Homogeneous Medium for Groundwater Exploration
11:35 - 11:45	OM017	Fatanah Hamzah	Modelling Mudflow Behaviour: A Comparative Study of Herschel-Bulkley and Voellmy Rheological Models
11:45 - 11:55	OM019	Aisyah Sumayyah Mohd Khalid	Enhanced Heat Transfer in Stenotic Arteries Using Silver-Gold Hybrid Nanofluids: A Numerical Approach
11:55 - 12:05	OM024	Annechristina Vincent	Optimum Daily Intake of Salt for Several Types of Patients in Hospitals Using Linear Programming
12:05 - 12:15	PM001	Supachara Kongnuan	A 3D Numerical Simulation of Drug Particle Movement in a Human Upper Respiratory Tract by Comsol Multiphysics Program
12:15 - 12:30	OM011	Orhan Tug Invited Speaker	On The New Hanh Sequence Space $h(\lambda)$ with Speed

PARALLEL SESSION 2
6th May (16:30 - 17:30)



BREAKOUT ROOM 1 (PENDETA 1)

Chairperson: Dr. Suzairi Daud

Assistant Chairperson: Mustapha Mohammed Karagama

TIME	ID	PRESENTER	TITLE
16:30 - 16:45	OP030	Khusnul Ain Invited Speaker	Design of Multifrequency Electrical Impedance Tomography (MfEIT) Based on Analog Discovery to Detect Breast Cancer of Phantom
16:45 - 16:55	OP014	Hollis Bunyeh Anak Francis Mengga	Impact of HMTA Concentration on the Structural and Electrical Characterization of Zinc Oxide Nanowires
16:55 - 17:05	OP018	Maisarah Duralim	Discrimination of Local and Imported Beef Using LIBS and PCA Analysis
17:05 - 17:15	OP012	Siti Norfariza Farhana Mohd Razak	Effect of Chitosan Incorporation on the Physical, Structural, and Mechanical Properties of Silver-Doped Phosphate Bioglass
17:15 - 17:30	OP016	Nurul Hidayat Invited Speaker	Nd:YAG Laser-Synthesized Gold Nanoparticles for Enhanced Optical Fiber Sensing Applications

BREAKOUT ROOM 2 (PENDETA 2)

Chairperson: Dr. Faizuan Abdullah

Assistant Chairperson: Nuratiqah Ismail

TIME	ID	PRESENTER	TITLE
16:30 - 16:45	OC017	Juan Matmin Invited Speaker	Mechanistic Insights into the Antibacterial and Sensing Capabilities of Starch-Stabilized Silver Nanoparticle Films
16:45 - 16:55	OC022	Aminu Halilu Anka	Synthesis and Characterization of Palm fatty acid distillate methyl ester (PFADME) from Palm fatty acid distillate (PFAD)
16:55 - 17:05	OC011	Khairul Rijal Razali	Amine-Functionalized ZIF-8 Photoanodes for Improved Photoelectrochemical Water Splitting Under Simulated Solar Light
17:05 - 17:15	OC009	Mohammad Taufiq Bahrudin	Development of Mg-Fe-HA Composites with PVA-HA Sol-gel Coating: Reducing Corrosion Rate while Controlling Process Constraints
17:15 - 17:30	OC018	Surjani Wonorahardjo Invited Speaker	Brewing Innovation: Exploring Coffee Culture, Healthy Roasts, and Metabolomics through STEM-Education

PARALLEL SESSION 2
6th May (16:30 - 17:30)



BREAKOUT ROOM 3 (PENDETA 3)

Chairperson: Assoc. Prof. Dr. Arifah Bahar

Assistant Chairperson: Nurul Najihah Rawi

TIME	ID	PRESENTER	TITLE
16:30 - 16:45	OM029	Mochammad Hafiih Invited Speaker	Implementation of Stochastic Model in Area of Agricultural Insurance
16:45 - 16:55	OM016	Zaiton Mat Isa	Analytical Solution of a Two-dimensional Fractional Advection-diffusion Equation with Time Dependent Velocity
16:55 - 17:05	OM020	Azizah Arfian	Fuzzy Temporal Relationships with Bidirectional LSTM for Modelling Paddy Production in Malaysia
17:05 - 17:15	OM021	Nur Azlida Ahmad	Picture Fuzzy Geometric Modeling for Visualization of Uncertainty Biometric Face Detection
17:15 - 17:30	OM008	Fatmawati Invited Speaker	Optimal Control for Fractional Order Model of Dengue Transmission with Sex Classification

BREAKOUT ROOM 4 (PENDETA 4)

Chairperson: Dr. Ganesan Krishnan

Assistant Chairperson: Nik Ihtisyam Majdah Binti Nik Razi

TIME	ID	PRESENTER	TITLE
16:30 - 16:45	OP023	Nandang Mufti Invited Speaker	Comparison of Piezoelectric Properties between ZnO Nanorods and PVDF Nanofibers with Cu Electrode
16:45 - 16:55	OP008	Nur Maizatul Azra Mukhtar	Evaluation of Mass Attenuation Coefficient of Tin-PDMS-Based Composite Enriched with Nanoparticles against Gamma Rays
16:55 - 17:05	OP009	Widiastuti Safitri	Optimized Oxygen Reduction Reaction Performance of Pt Nanowire Gas Diffusion Electrodes with Varied Ratios of Graphene-Carbon Black Hybrid Microporous Layers
17:05 - 17:15	OP013	Muhammad Nazmi Hakim Mahmud	Mechanical and Structural Properties of Enhanced Based on Carboxymethyl Cellulose Doped Ammonium Chloride Solid Biopolymer Electrolytes
17:15 - 17:30	OP029	Rozalina Zakaria Invited Speaker	Plasmonics and its Applications in Optical Fibre Sensors, Nonlinear Studies and Optoelectronics

PARALLEL SESSION 3
7th May (10:30 - 11:40)



MAIN HALL (PERKASA BALLROOM)

Chairperson: Prof.Dr.Khusnul Ain

Assistant Chairperson: Abubakar Umar

TIME	ID	PRESENTER	TITLE
10:30 - 10:45	OP021	Sabah Mohammad Invited Speaker	Laser-Ablated Noble Metal Nanoparticles for Plasmonic-Enhanced ZnO NRs Photodetectors on Porous Silicon Substrate
10:45 - 10:55	OP015	Nur Nadirah Mohd Nor	Comparative Green Synthesis of Zinc Oxide Nanoparticles via Pulsed Laser Ablation in Different Liquid Mediums
10:55 - 11:05	OP027	Amirul Farhan Haqiem Hazrul	Optimisation of LIBS Parameters for Heavy Metal Analysis in Microplastics
11:05 - 11:15	OP019	Siti Aisyah Abdul Wahab	NiO ₂ Coating on BaTiO ₃ Catalyst via Magnetron Sputtering for packed-bed DBD Reactor Applications
11:15 - 11:25	OP024	Farhan Shazwan Shah Shahbani	Study of Electrical Conductivity in Deep Eutectic Solvent Based on Hydrogen Bond Donor (HBD) and Hydrogen Bond Acceptor (HBA) Combinations
11:25 - 11:40	OP026	Raja Kamarulzaman Invited Speaker	Evaluation of Electronic Cigarette Liquids Composition from Various Commercial Brands in Malaysia

BREAKOUT ROOM 1 (PENDETA 1)

Chairperson: Dr. Nurhafizah Hasim

Assistant Chairperson: Mustapha Mohammed Karagama

TIME	ID	PRESENTER	TITLE
10:30 - 10:45	OP028	Febdian Rusydi Invited Speaker	The Current Progress of Machine Learning Integration to the Prediction of Materials' Properties and the Development of Interatomic Potential
10:45 - 10:55	OP006	Ayu Tiarawati	Influence of Hydroxyl Group Number and Position on Electron Transfer of Benzene: A Computational Study
10:55 - 11:05	OP029	Usman Niaz	Sustainable Photocatalytic Removal of Diclofenac from Aquatic Environments Using CdS Nanorods: Synthesis, Structural Characterization and Performance Evaluation
11:05 - 11:15	OO010	Adamu Abubakar	Comparative Analysis of Pipeline Leakage Detection and Monitoring Techniques: A State-of-the-Art Achievement
11:15 - 11:25	OO012	Ahmad Shwan	Nozhdar: A Personalized AI-Based Nutrition and Diet Advisor Rooted in Kurdish Culture
11:25 - 11:40	OP010	Ganesan Krishnan Invited Speaker	Near-infrared Spectroscopy for Molten Pool Temperature Determination in Laser Metal Deposition

PARALLEL SESSION 3
7th May (10:30 - 11:40)

BREAKOUT ROOM 2 (PENDETA 2)
Chairperson: Prof. Dr. Sharidan Shafie
Assistant Chairperson: Nuratiqah Ismail

TIME	ID	PRESENTER	TITLE
10:30 - 10:45	OP025	Suzairi Daud Invited Speaker	Nanocomposite-Enhanced Fibre Sensors: A GO-ZnO Approach for Uric Acid Detection
10:45 - 10:55	OO017	Sherlye Donol	Design and Implementation of a Remote Monitoring System for Sewer Gas Emissions using IoT Technology
10:55 - 11:05	OO014	Wahyu Aji Eko Prabowo	Evaluating the Performance of Linear and Non-linear Machine Learning Algorithms in Predicting CO ₂ Adsorption on Metal-organic Frameworks
11:05 - 11:15	OO015	Nik Ihtisyam Majdah Nik Razi	Optimized Synthesis of Nanobio-based Reagent1 and its Stability and Sensitivity for Visualizing Latent Fingermarks on Wet, Non-porous Surface
11:15 - 11:25	OO004	Khairul Naim Ahmad	Simulation and Parameter Study for the Production of Synthetic Fuels from Carbon Dioxide Hydrogenation using Renewable Energy
11:25 - 11:40	OP032	Imam Sapuan Invited Speaker	Design and Implementation of a PID-Based Temperature Control System for Milk Pasteurization

BREAKOUT ROOM 3 (PENDETA 3)
Chairperson: Dr. Fuad Mohamad
Assistant Chairperson: Nurul Najihah Rawi

TIME	ID	PRESENTER	TITLE
10:30 - 10:45	OC003	Nur Farahiyah Mohammad Invited Speaker	Physicochemical Characterization of Nonporous Hydroxyapatite Doped with <i>Chromolaena odorata</i> Derived Polyphenols
10:45 - 10:55	OC012	Salma Izati Sinar Mashuri	Development of ZnO/MoSe ₂ /CdS Ternary Photocatalyst for Tetracycline Organic Pollutants under LED Irradiation
10:55 - 11:05	OC015	Muhammad Amirul Aizat Mohd Abdah	Enhancing Sustainable Lithium-ion Battery Anode Using Cctivated Carbon-Derived Polypropylene Plastic Waste/MXene Hybrid Composite
11:05 - 11:15	OC020	Rawda Maen Sunoqrot	Optimisation of PMMA Synthesis in Choline Chloride and Glycerol-based DES: A Sustainable Approach
11:15 - 11:25	OC006	Anas Islam	Comparative Study on the Impact of Metallic Oxide Nanoparticles on the Thermophysical Properties of Medium-Temperature Phase Change Materials for Sustainable Energy Applications
11:25 - 11:40	OC016	Mohamad Hamdi Zainal Abidin Invited Speaker	Extraction of Bioactive Antioxidants Using Deep Eutectic Solvents for Valorization of Mushroom Biomass

PARALLEL SESSION 4
7th May (11:40 - 13:00)



MAIN HALL (PERKASA BALLROOM)

Chairperson: Dr Orhan Tug

Assistant Chairperson: Abubakar Umar

TIME	ID	PRESENTER	TITLE
11:40 - 11:55	OM009	Eva Hariyanti Invited Speaker	Software Quality Measurement Using Importance - Performance Analysis and ISO 25010 (Case Study: Delivery Management System)
11:55 - 12:05	OM012	Salisu Ibrahim	Fractional Differential Systems with its Commutativity Properties
12:05 - 12:15	OM013	Sharmeen Izat Hasan	Shifted Chebyshev Neural Network Method for Solving Differential Equations
12:15 - 12:25	OM022	Louis Teoh	Handwritten Signature Generation Via Bézier Interpolation Model
12:25 - 12:35	OM023	Siti Nur Idara Rosli	Neutrosophic Bézier Surface Interpolation Modeling for Visualizing Uncertainty Kenyir Lake Bathymetry Data
12:35 - 12:45	OM028	Nur Atikah Yusof	Stability of the Fixed Point of α -bistochastic Volterra Quadratic Stochastic Operators
12:45 - 13:00	OM026	Abdul Rahman Mohd Kasim Invited Speaker	The Influence of Viscoelastic Properties on Mixed Convection in Brinkman Nanofluids Using the Buongiorno Model: A Numerical Approach

BREAKOUT ROOM 1 (PENDETA 1)

Chairperson: Dr. Nicole Leong hong Yeng

Assistant Chairperson: Mustapha Mohammed Karagama

TIME	ID	PRESENTER	TITLE
11:40 - 11:55	OP031	Soegianto Soelistiiono Invited Speaker	Comparative Analysis of Net Energy of Static and Dynamic Solar Panels Using Sun Tracker in Surabaya
11:55 - 12:05	OM025	Syahirah Abdul Kadir	Identifying Key Factors Affecting Student Achievement in Private Higher Education
12:05 - 12:15	OO013	Slvar Arif	MemoryMate AI - Intelligent Personal Reminder Assistant for Alzheimer's Patients
12:15 - 12:25	OO006	Pary Hadi	Maternal Nutrition and Pregnancy Outcomes: A Review of Key Factors and Impacts
12:25 - 12:40	OM007	Purbandini Invited Speaker	Design of Bolt Detection System on Water Pump Using Yolo Algorithm

PARALLEL SESSION 4

7th May (11:40 - 13:00)



BREAKOUT ROOM 2 (PENDETA 2)

Chairperson: Assoc. Prof. Dr. Mohd Firdaus Abdul Wahab

Assistant Chairperson: Nuratiqah Ismail

TIME	ID	PRESENTER	TITLE
11:40 - 11:55	OO005	Nik Ahmad Nizam Nik Malek Invited Speaker	Green Synthesis of Silver Nanoparticles Using Single-Clove Garlic Extract and its Antibacterial Efficacy Against Selected Bacteria
11:55 - 12:05	OB017	Nur Hazimah Abdul Halim	Aqueous Oxytetracycline Degradation by Using Laccase Entrapped in Mesoporous Silica Microparticles.
12:05 - 12:15	OB026	Fatin Sofea Mohd Sho'lb	Bioactivity Probability Analysis of Native Malayan Gingers (Zingiberaceae) Through <i>In-Silico</i> Study
12:15 - 12:25	OB013	Sawsan Al-Rawi	A Comprehensive Review on Plants Potential in Cancer Treatment: Understanding the Mechanisms and Therapeutic Applications
12:25 - 12:35	OB009	Sharel Raj	Synergistic Antibacterial Activity of Biogenic Silver Nanoparticles using <i>Zingiber officinale</i> and <i>Azadirachta indica</i>
12:35 - 12:45	OB027	Kinar Safira Dyah Paramita	Characterization and Anticancer Ability of Green Synthesized Silver Nanoparticles Using <i>Bauhinia kockiana</i> Extract In HeLa Cancer Cells

BREAKOUT ROOM 3 (PENDETA 3)

Chairperson: Dr Farah Hanis Juhari

Assistant Chairperson: Nurul Najihah Rawi

TIME	ID	PRESENTER	TITLE
11:40 - 11:55	PC003	Nur Fatiha Ghazalli Invited Speaker	Sustainable Design of Natural Biocomposite Towards Wound Healing Applications
11:55 - 12:05	OO011	Norshamiza Binti Abu Bakar	Green-Synthesized Copper and Zinc Oxide Nanoparticle Hydrogels: A Promising Approach for Antimicrobial Wound Healing
12:05 - 12:15	OC025	Saranyapiriya Gunasekaran	Isolation, Structural Characterization, and Antimicrobial Activity of Phytoconstituents from Different Parts of <i>Cassia alata</i>
12:15 - 12:25	OC021	Mohamad Shazwan Shah Jamil	Quantifying the Electronic Properties of <i>N</i> -Heterocyclic Carbene Ligands Using Selenium NMR Spectroscopy
12:25 - 12:35	OP020	Ratna Suffhiyanni Omar	Environmental Monitoring of RF-EMF Radiation at the Malaysian Nuclear Agency: Safety, Exposure, and Public Assurance
12:35 - 12:45	OC025	Saranyapiriya Gunasekaran	Isolation, Structural Characterization, and Antimicrobial Activity of Phytoconstituents from Different Parts of <i>Cassia alata</i>

POSTER PRESENTATION
6th May (12:30 - 13:00)

No.	ID	PRESENTER	TITLE
1	PB001	Muhammad Dzulkifli Amar Kaafi Ar Rochim	Isolation and Screening of Potential Amylolytic Bacteria from the <i>Streblus asper</i> Rhizosphere in Baluran National Park
2	PB003	Fredrick Liui	Bioprospection of Mold Isolated from <i>Diospyros javanica</i> Leaves as an Alternative Solution for Degrading LDPE Plastic
3	PB004	Herfiani Nur Silmina	Screening and Identification of Indigenous Fungi from the Rhizosphere of <i>Acacia nilotica</i> in Baluran National Park as Cellulase Enzyme Producers
4	PB005	Farra Dibha Nur Hakiki	Biodegradation of Low-Density Polyethylene plastic by Mold, Isolated from <i>Diospyros javanica</i> Leaves
5	PB007	Muhammad Amir Shafiq	Isolation and Selection of Sodium Dodecyl Sulphate Degrading Bacteria from Industrial Effluents
6	PB009	Thanasilan Ong	Inhibitory Effects of <i>Piper sarmentosum</i> Extract on the Biofilm Formation by Dental Plaque-Causing Bacteria
7	PB010	Muazmeera Binti Musa	Co(II) Bioaccumulation from Aqueous Solution by Locally Isolated Rhodopseudomonas Sp. Strain Sbl
8	PB002	Irbah Dzakiyatus Sholehah	Isolation and Potential Test of Indole Acetic Acid (IAA) of Hormone Producing Bacteries from Rhizosfer Bidara (<i>Ziziphus mauritiana Lamk.</i>) Bekol Savanna, Baluran National Park
9	PB008	Yamunathevi Mathivanan	Effect of Carbon and Nitrogen Sources and its Concentration on BNC Production
10	PM002	Nik Rahimah Nik Omar	Assessing Smart Agriculture Adoption in Pineapple Cultivation: A Fuzzy Logic Approach in Malaysia
11	PM003	Aimi Athirah Ahmad	Using a Fuzzy Logic Method to Determine the Smart Farming Adoption Level for Lettuce Cultivation in Malaysian Plant Factories
12	PC001	Nur Nazira Nabila Binti Amiszan	Optimization of the Extracellular Vesicle Isolation Method Using Ultracentrifugation Through Central Composite Design
13	PM004	Siti Nur Idara Rosli	Visualization of Kenyir Lakebed Topography Using Bézier Surface Interpolation Modeling
14	PO001	Rawaida Rusli	Smart Farming Technology Adoption of Conventional & Rain Sheltered System of Salad Farming in Malaysia: A Fuzzy Logic Approach
15	PC002	Fuad Mohamad	Luminescence Study and Functionalization of Porphyrin Dyes as Sensing Polymer Films for Lead Ion Detection
16	PC004	Nurrul Hidayah Salamun	Hydrophobic Functionalization of Cellulose Derived from Oil Palm Empty Fruit Bunch for Adsorption of Polychlorobiphenyls
17	PO002	Figban Hussein	Assessment of Dental Caries and Salivary Status Among a Sample of Type One Diabetic Children in Erbil City.