

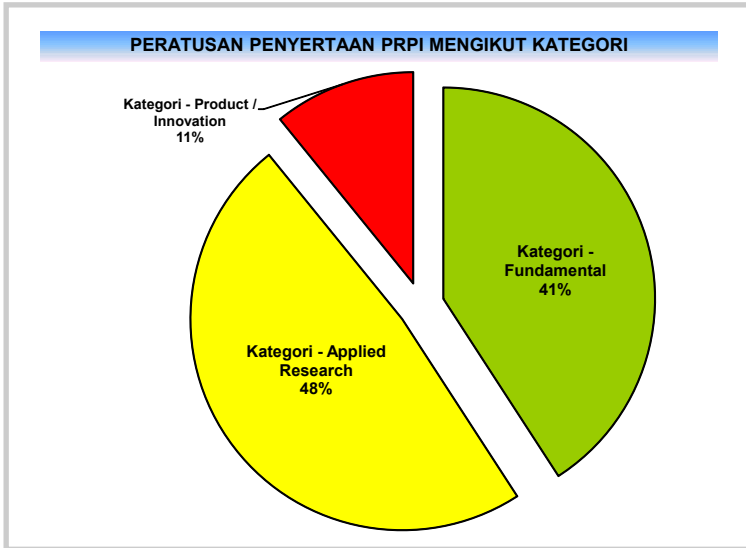


A PAMERAN REKACIPT PENYELIDIKAN DAN INOVASI (PRPI) 2011

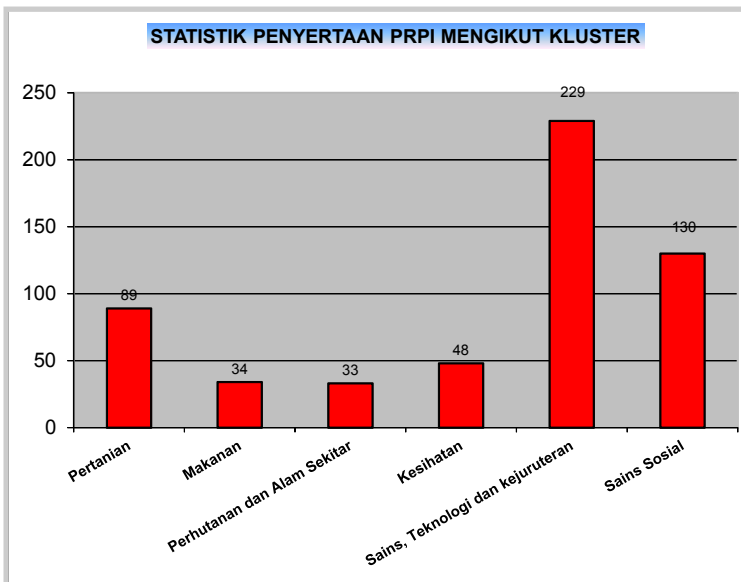


**KOMERSIALISASI INOVASI KE ARAH KELESTARIAN
EKONOMI DAN KESEJAHTERAAN KOMUNITI**

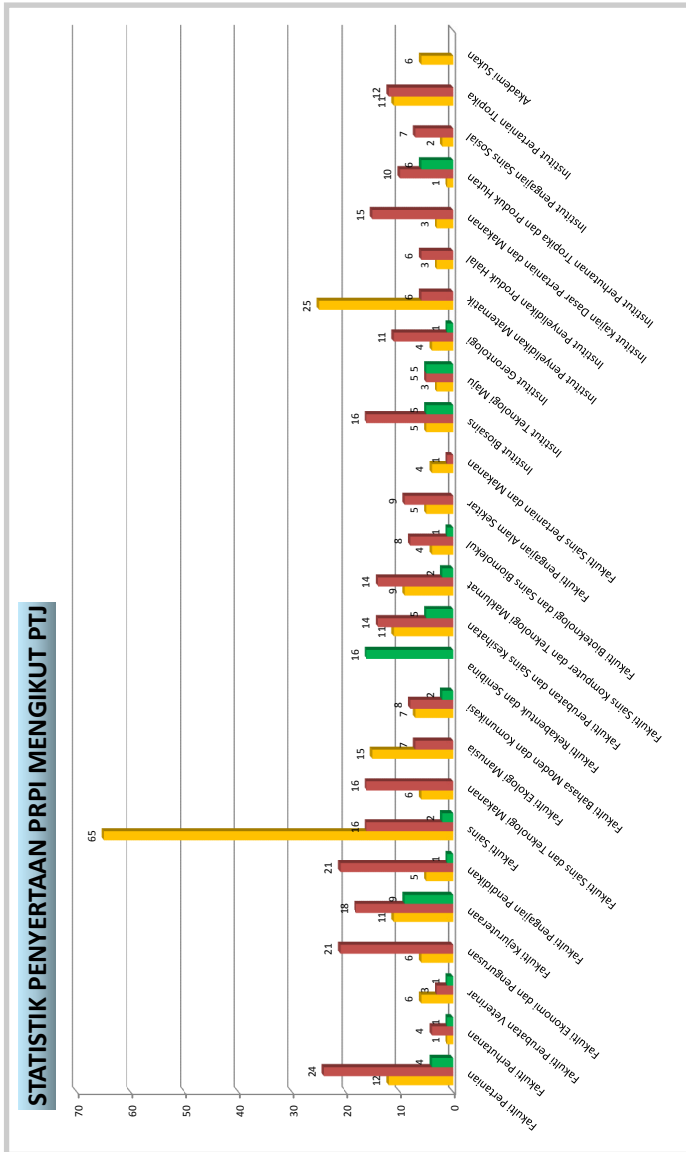
STATISTIK PENYERTAAN PRPI 2011 MENGIKUT KATEGORI



STATISTIK PENYERTAAN PRPI 2011 MENGIKUT KLUSTER



STATISTIK PENYERTAAN PRPI 2011 MENGIKUT PTJ



SENARAI NAMA PENYERTAAN PENYELIDIK



Kluster Pertanian

No.	Booth Number	Project Leader Name	Project Name	Category	Faculty / Institute / School / Academy
1	A-AG-1	Ahmed Osumanu Haruna	Alternative Technology for Recycling Peat Water	Fundamental (A)	Faculty of Agriculture and Food Sciences
2	A-AG-2	Amin Mahir Abdullah	Assessment of Rubber Industry Smallholder Development Authority (RISDA) Service Quality in Negeri Sembilan	Fundamental (A)	Institute of Agricultural and Food Policy Studies
3	A-AG-3	Aziz Arshad	Hatching, Larval Rearing and Culture Success of <i>Strombus Canarium</i> (Mollusca: Gastropoda): A Potential Species for Aquaculture	Fundamental (A)	Faculty of Agriculture
4	A-AG-4	Esther W. Gikonyo	Iron Oxide Impregnated Paper Strip compared to Mehlich 3 and Bray 1 in Assessing Phosphorus Availability to Plants in an Ultisol Amended with Triple Superphosphate or Phosphate Rock Resources	Fundamental (A)	Institute of Tropical Agriculture
5	A-AG-5	Hawa Jaafar	Novel Carbon Dioxide Enrichment Technique for Reducing Nursery Period Of Oil Palm (<i>Elaeis Guineensis</i> JACQ.) Seedlings	Fundamental (A)	Faculty of Agriculture
6	A-AG-6	Hawa Jaafar	Novel Antibacterial Properties of the Leaf, Stem and Root of Difference Varieties of <i>Labisia Pumila</i> Benth. (Kacip Fatimah)	Fundamental (A)	Faculty of Agriculture
7	A-AG-7	Hawa ZE Jaafar	Novel Technique to Enhance Synthesis of Anti-cancer Compounds in Malaysian Young Ginger (<i>Zingiber officinale</i> Roscoe)	Fundamental (A)	Faculty of Agriculture
8	A-AG-8	Liang Juan Boo	Lovastatin from Agro-Biomass for Methane Mitigation	Fundamental (A)	Institute of Tropical Agriculture
9	A-AG-9	Md Zuki bin Abu Bakar@Zakaria	Morphophysiological Study of the Digestive Tract of The Barking Deer (<i>Muntiacus Muntjak</i>)	Fundamental (A)	Faculty of Veterinary Medicine

10	A-AG-10	Md Zuki Abu Bakar@Zakaria	Effects of n-3:n-6 Fatty Acids Supplementation on Plasma and Tissues Fatty Acids Composition, Prostaglandins Activities, Ppar? Gene Expression and Morphology of Endometrium in Pregnant Rats	Fundamental (A)	Faculty of Veterinary Medicine
11	A-AG-11	Md. Sakirul Islam Khan	Possible Involvement of Nitric Oxide on Feeding Regulation in the Brain of Chicks	Fundamental (A)	Institute of Tropical Agriculture
12	A-AG-12	Mohd Mansor Ismail	Regional Comparative Advantage and Competitiveness of Malaysian Palm Oil Products	Fundamental (A)	Institute of Agricultural and Food Policy Studies
13	A-AG-13	Mohd Rizal Hussain	Safety Perception and Level of Satisfaction with the Home Environment among Older Malaysians	Fundamental (A)	Institute of Gerontology
14	A-AG-14	Mohd Salleh Kamarudin	The Development of Mouth and Digestive Tract in Larval Malaysian Mahseer, <i>Tor tambroides</i> (Bleeker)	Fundamental (A)	Faculty of Agriculture
15	A-AG-15	Muskhazli Mustafa	Variation In Mycorrhizal Specificity for in Vitro Symbiotic Seed Germination of <i>Grammatophyllum Stapeliiflorum</i> (Teijsm. & Mann.) S. S. Smith	Fundamental (A)	Faculty of Science
16	A-AG-16	Norhani Abdullah	<i>Jatropha Curcas</i> Linn. Kernel Meal as a Protein Feed	Fundamental (A)	Institute of Tropical Agriculture
17	A-AG-17	Norhani Abdullah	Antioxidant, Anti-Inflammatory and Anticancer Activities of Methanolic Extracts from <i>Jatropha Curcas</i> Linn.	Fundamental (A)	Institute of Tropical Agriculture
18	A-AG-18	Nur Ain Izzati Mohd Zainudin	Diversity of <i>Aspergillus</i> and <i>Fusarium</i> Species Isolated from Cornmeal	Fundamental (A)	Faculty of Science
19	A-AG-19	Nur Ain Izzati Mohd Zainudin	Diversity of <i>Fusarium</i> Species Isolated from Soil Cultivated with Cucurbits	Fundamental (A)	Faculty of Science
20	A-AG-20	Parameswari Namasivayam	Characterisation of Truncated Leaf Syndrome Seedlings, an Oil Palm Somaclonal Variant	Fundamental (A)	Institute of Tropical Agriculture
21	A-AG-21	Rozihan Mohamed	Molecular Phylogeography of Southeast Asian Horseshoe Crab, <i>Tachypleus Gigas</i> in Malaysia Inferred through Mitochondrial DNA	Fundamental (A)	Faculty of Agriculture
22	A-AG-22	Sariah Meon	Potential Lignocellulolytic Microbial Consortium for Rapid Composting of Rice Straw	Fundamental (A)	Institute of Tropical Agriculture

PAMERAN REKA CIPTA, PENYELIDIKAN & INOVASI

KOMERSIALISASI INOVASI KE ARAH KELESTARIAN EKONOMI
DAN KESEJAHTERAAN KOMUNITI

23	A-AG-23	Siti Shapor Siraj	Lunar and Hormonal Cycles in Triggering Mahseer, <i>Tor tambroides</i> Spawning	Fundamental (A)	Faculty of Agriculture
24	A-AG-24	Tan Sheau Wei	Evolution of NDV Genotypes in Malaysia: What Genotypes are We Facing?	Fundamental (A)	Institute of Bioscience
25	A-AG-25	Tan Soon Guan	Identification of the Malaysian Trichoderma Isolates based on Morphology, Genetics and Chemical Profiles	Fundamental (A)	Faculty of Biotechnology and Biomolecular Sciences
26	A-AG-26	Thohirah Lee Abdullah	Flowering and Fruit Set under Malaysian Climate of <i>Jatropha curcas</i> L.	Fundamental (A)	Faculty of Agriculture
27	A-AG-27	Zulkifli Idrus	Neonatal Stress Modulates Circulating Levels of Corticosterone, and Expression of Glucocorticoid Receptor and Heat Shock Protein 70 in Aged Japanese Quail Exposed to Acute Heat Stress	Fundamental (A)	Institute of Tropical Agriculture
28	B-AG-1	Abdul Rashid Mohamed Shariff	Oil Palm Multiple Nutrient Sensing	Applied Research (B)	Faculty of Engineering
29	B-AG-2	Abdul Rashid Mohamed Shariff	GIS-Based Macro Nutrient Soil Mapping using Artificial Neural Network as a Sample Predictor	Applied Research (B)	Institute of Advanced Technology
30	B-AG-3	Abdul Rashid Mohamed Shariff	Oil Palm Bunches Ripeness Detection	Applied Research (B)	Institute of Advanced Technology
31	B-AG-4	Abdul Shukor Juraimi	Comparing Rice Germplasms for Weed Suppressive Ability and Yield under Aerobic Soil Conditions	Applied Research (B)	Faculty of Agriculture
32	B-AG-5	Abdul Shukor Juraimi	Relative Salinity Tolerance of Warm Season Turfgrass Species	Applied Research (B)	Faculty of Agriculture
33	B-AG-6	Abdul Shukor Juraimi	Salinity Stress on Germination and Early Seedling Growth of Rice (<i>Oryza Sativa</i> L.)	Applied Research (B)	Faculty of Agriculture
34	B-AG-7	Abdul Shukor Juraimi	Role of Seeding Method and Rate in Suppressing Weeds in Aerobic Rice	Applied Research (B)	Institute of Tropical Agriculture
35	B-AG-8	Abdul Shukor Juraimi	Seed Germination and Seedling Vigor of Dominant Weed Species in Rice Field under Salinity Stress	Applied Research (B)	Institute of Tropical Agriculture

36	B-AG-9	Abdul Shukor Juraimi	Physiological and Growth Responses of Six Turfgrass Species to Salinity	Applied Research (B)	Institute of Tropical Agriculture
37	B-AG-10	Ainin Zuriyati Mohamed @ Asa'ari	Water Resistance Paper made from Malaysian Cultivated Kenaf Whole Stem Fibres	Applied Research (B)	Institute of Tropical Forestry and Forest Products
38	B-AG-11	Che Fauziah Ishak	Increase Antioxidant Activity of Mas Cotek by Selenium Fertilization	Applied Research (B)	Faculty of Agriculture
39	B-AG-12	Dzolkhifli Omar	Green Lacewing, <i>Apertochrysa</i> Sp. (Neuroptera: Chrysopidae) for Insect Pest Control	Applied Research (B)	Faculty of Agriculture
40	B-AG-13	Goh Yong Meng	Oil Palm-Based Feeds to reduce Saturated Fats in Mutton	Applied Research (B)	Institute of Tropical Agriculture
41	B-AG-14	Hafidzi Mohd Noor	Detection of Rodenticide Residues for Raptor Conservation	Applied Research (B)	Faculty of Agriculture
42	B-AG-15	Jeffrey Lawrence D'silva	Acceptance and Sustainability of Contract Farming among Youth in Malaysia	Applied Research (B)	Institute of Social Science Studies
43	B-AG-16	Kamaruzaman Sijam	Field Assessment of Calcium, Copper and Zinc Ions on Plant Recovery and Disease Severity Following Infection of Huanglongbing (HLB) Disease	Applied Research (B)	Faculty of Agriculture
44	B-AG-17	Kamaruzaman Sijam	Selection of Plant Host for <i>Glomus Mosseae</i> Inoculum Production	Applied Research (B)	Faculty of Agriculture
45	B-AG-18	Mahiran Basri	New Nano-Emulsion Intervention for Biopesticide Formulation	Applied Research (B)	Institute of Bioscience
46	B-AG-19	Mariana Nor Shamsudin	Freshwater Seabass (<i>Lates Calcarifer</i>) Fatty Acid Profile: with Immune-Enhancer Commercial Microalgae Base: an Alternative Lipid Based Immunoenhancing Feed	Applied Research (B)	Institute of Bioscience
47	B-AG-20	Mariana Nor Shamsudin	Potential uses from Sea Star of Selected Areas of West Coast Malaysia	Applied Research (B)	Institute of Bioscience
48	B-AG-21	Maziah Mahmood	Florexin, Efficient Flower Inducer for <i>Dendrobium</i>	Applied Research (B)	Faculty of Biotechnology and Biomolecular Sciences

PAMERAN REKA CIPTA, PENYELIDIKAN & INOVASI

KOMERSIALISASI INOVASI KE ARAH KELESTARIAN EKONOMI
DAN KESEJAHTERAAN KOMUNITI

49	B-AG-22	Maziah Mahmood	Development Of Rapd Markers for Characterization of Local Banana Cultivars	Applied Research (B)	Faculty of Biotechnology and Biomolecular Sciences
50	B-AG-23	Maziah Mahmood	Commercial Production of Tissue Cultured Banana Seedlings in Bioreactors	Applied Research (B)	Faculty of Biotechnology and Biomolecular Sciences
51	B-AG-24	Maziah Mahmood	Starch Properties of A Potential Rice Cultivar MR219-4 Mutant Line	Applied Research (B)	Faculty of Biotechnology and Biomolecular Sciences
52	B-AG-25	Maziah Mahmood	Fingerprinting of Ficus Deltoidea Jack Accessions based on Simple Sequence Repeat (SSR)	Applied Research (B)	Institute of Bioscience
53	B-AG-26	Md Ferdous Alam	A Multistage Budgeting Approach to the Analysis of Demand for Fish: an Application to Inland Areas of Bangladesh	Applied Research (B)	Institute of Agricultural and Food Policy Studies
54	B-AG-27	Md Ferdous Alam	The Economics of Sutchi Catfish (Pangasianodon Hypophthalmus) Aquaculture under Three Different Farming Systems in Rural Bangladesh	Applied Research (B)	Institute of Agricultural and Food Policy Studies
55	B-AG-28	Md Ferdous Alam	Measuring Technical, Allocative and Cost Efficiency of Pangas (Pangasius Hypophthalmus: Sauvage 1878) Fish Farmers of Bangladesh	Applied Research (B)	Institute of Agricultural and Food Policy Studies
56	B-AG-29	Md Ferdous Alam	Demand for Aquaculture Development: Perspectives from Bangladesh for Improved Planning	Applied Research (B)	Institute of Agricultural and Food Policy Studies
57	B-AG-30	Md. Ashrafuzzaman	Efficacy of Ascorbate-Glutathione Cycle for Scavenging H ₂ O ₂ in Two Contrasting Rice Genotypes during Salinity Stress	Applied Research (B)	Institute of Tropical Agriculture
58	B-AG-31	Michael Ivan	Effects of Dietary Molybdenum, Sulfur and Zinc on The Excretion and Tissue Accumulation of Trace Elements in Sheep Fed Palm Kernel Cake Based Diets	Applied Research (B)	Institute of Tropical Agriculture
59	B-AG-32	Michael Ivan	Effects of Different Levels of Dietary Sulfur and Molybdenum on Concentrations of Cooper and other Elements in Plasma and Liver of Lambs Fed Palm Kernel Cake Diets	Applied Research (B)	Institute of Tropical Agriculture

60	B-AG-33	Mohamed Hanafi Musa	Response of Kenaf to Nitrogen, Phosphorus and Potassium Nutrition under Nutrient Solution Culture	Applied Research (B)	Institute of Tropical Agriculture
61	B-AG-34	Mohd Hanafi Idiris	Gonad Development of Pinna Bicolor Gmelin, 1791 from Merambong Shoal, Johore, Malaysia	Applied Research (B)	Faculty of Agriculture and Food Sciences
62	B-AG-35	Mohd Mansor Ismail	The Changing Competitiveness of Meat and Meat Preparation Sub-Sectors in selected Asean Countries	Applied Research (B)	Faculty of Agriculture
63	B-AG-36	Mohd Rafii Yusop	Diversity of Physic Nut (Jatropha Curcas) in Peninsular Malaysia: Application of Diva-Geographic Information System and Cluster Analysis	Applied Research (B)	Faculty of Agriculture
64	B-AG-37	Mohd Rafii Yusop	A Comparative Analysis of Genetic Diversity Among 48 Jatropha Curcas Accessions in Peninsular Malaysia based on Morphology and Rapid Markers	Applied Research (B)	Faculty of Agriculture
65	B-AG-38	Mohd Rafii Yusop	Molecular Markers Tools (SSRs) for Characterization of Genetics of Rice Plant and Resistance Analysis to Blast Pathogen (Magnaporthe Grisea)	Applied Research (B)	Faculty of Agriculture
66	B-AG-39	Mohd Razi Ismail	Changes in Organic and Inorganic Solutes of in Vitro Tomato Cultivars under NaCl Stress	Applied Research (B)	Institute of Tropical Agriculture
67	B-AG-40	Mohd Salleh Kamarudin	Optimum Protein Requirement of Malaysian Mahseer (Tor tambroides) Fingerling	Applied Research (B)	Faculty of Agriculture
68	B-AG-41	Nitty Hirawaty Kamarulzaman	Application of Knowledge Management Systems in Malaysian Oil Palm Plantations' Supply Chain	Applied Research (B)	Faculty of Agriculture
69	B-AG-42	Nolila Mohd. Nawi	Factors Influencing Apple Grower's Selection of Alternative Preferred Customers	Applied Research (B)	Faculty of Agriculture
70	B-AG-43	Norsida Man	The Practices of Contract Farming among Fresh Fruit Vegetable Suppliers in Malaysia	Applied Research (B)	Faculty of Agriculture
71	B-AG-44	Norsida Man	Unleashing Youth Potentials in Developing the Malaysia Agricultural Sector	Applied Research (B)	Faculty of Agriculture
72	B-AG-45	Radziah Othman	Phosphate Solubilizing Bacteria for Enhanced Growth of Aerobic Rice	Applied Research (B)	Institute of Tropical Agriculture

PAMERAN REKA CIPTA, PENYELIDIKAN & INOVASI

KOMERSIALISASI INOVASI KE ARAH KELESTARIAN EKONOMI
DAN KESEJAHTERAAN KOMUNITI

73	B-AG-46	Robiah Yunus	Low Cost Technology on Hydrolysis of Oil Palm Empty Fruit Bunch for Bioethanol Production	Applied Research (B)	Institute of Advanced Technology
74	B-AG-47	Rosenani Abu Bakar	Glufosinate Ammonium Residues in Different Soils and Water of Oil Palm Ecosystem	Applied Research (B)	Faculty of Agriculture
75	B-AG-48	Sieo Chin Chin	Phage Therapy for Colibacillosis Control in Broilers	Applied Research (B)	Institute of Bioscience
76	B-AG-49	Tee Tuan Poy	Biophysical Modelling Approach for Evaluation Manure Nutrients Flow in Malaysian Feedlot Cattle	Applied Research (B)	Faculty of Agriculture
77	B-AG-50	Tey Yeong Sheng	Demand Analysis of Meat in Malaysia	Applied Research (B)	Institute of Agricultural and Food Policy Studies
78	B-AG-51	Tey Yeong Sheng	Acreage Response of Paddy in Malaysia	Applied Research (B)	Institute of Agricultural and Food Policy Studies
79	B-AG-52	Tey Yeong Sheng	Emerging Dimension of Demand for Rice: Evidence from Cross-Sectional and Time Series Data	Applied Research (B)	Institute of Agricultural and Food Policy Studies
80	B-AG-53	Zaharah Abdul Rahman	Screening Oil Palm Genotypes for Efficient Nitrogen Uptake	Applied Research (B)	Faculty of Agriculture
81	B-AG-54	Zaharah Abdul Rahman	Potential Nitrogen Contribution by M. Bracteata in an Oil Palm Ecosystem	Applied Research (B)	Faculty of Agriculture
82	B-AG-55	Zainal Abidin Mior Ahmad	Lengkuas (Alpinia Galanga) Phenolic Compounds for Suppression of Growth and Toxins of Fungal Contaminants of Rice	Applied Research (B)	Faculty of Agriculture
83	B-AG-56	Zalimah Ahmad	Identification of Abundantly Expressed Proteins from Curculigo Latifolia Fruit through 7 Different Protocols	Applied Research (B)	Institute of Bioscience
84	C-AG-1	Baharudin Suarnur	Fertilizer Spreader	Product / Innovation (C)	Faculty of Design and Architecture
85	C-AG-2	Desa Ahamd	Design and Development of Kenaf Stem Harvesting Machine	Product / Innovation (C)	Faculty of Engineering
86	C-AG-3	Loh Teck chwen	Metabolite in Layer's Feed	Product / Innovation (C)	Faculty of Agriculture

87	C-AG-4	Mohd Rafii Yusop	SSR Markers for use in Marker Assisted Selection of Blast Resistance in Rice (<i>Oryza Sativa</i> L.)	Product / Innovation (C)	Faculty of Agriculture
88	C-AG-5	Mohd Rafii Yusop	SSR Markers Technology and Identification of Genes Confering Resistance to Malaysian Rice Blast Races	Product / Innovation (C)	Faculty of Agriculture
89	C-AG-6	Zulkifli Hj. Shamsuddin	Liquid Biofertilizer	Product / Innovation (C)	Faculty of Agriculture

PAMERAN REKA CIPTA, PENYELIDIKAN & INOVASI

KOMERSIALISASI INOVASI KE ARAH KELESTARIAN EKONOMI
DAN KESEJAHTERAAN KOMUNITI



Kluster Makanan

No.	Booth Number	Project Leader Name	Project Name	Category	Faculty / Institute / School / Academy
1	A-FD-28	Faridah Abas	Antioxidant and Antiacetylcholinesterase Activities of <i>Pluchea Indica</i> Less.	Fundamental (A)	Faculty of Food Science and Technology
2	A-FD-29	Lasekan Olusegun	Analysis of Volatile Flavour Compounds and Acrylamide in Roasted Malaysian Tropical Almond (<i>Terminalia Catappa</i>) Nuts using Supercritical Fluid Extraction	Fundamental (A)	Faculty of Food Science and Technology
3	A-FD-30	Lasekan Olusegun	Investigation of the Roasting Conditions with Minimal Acrylamide Generation in Tropical Almond (<i>Terminalia Catappa</i>) Nuts by Response Surface Methodology	Fundamental (A)	Faculty of Food Science and Technology
4	A-FD-31	Lasekan Olusegun	Identification of the Aroma-Active Constituents of the Essential Oils of Water Dropwort (<i>Oenanthe Javanica</i>) and 'Kacip Fatimah' (<i>Labisia Pumila</i>)	Fundamental (A)	Faculty of Food Science and Technology
5	A-FD-32	Yaakob Che Man	Employment of Differential Scanning Calorimeter in Detecting Lard Adulteration in Virgin Coconut Oil	Fundamental (A)	Institute of Products Halal Research
6	A-FD-33	Yaakob Che Man	Comparison of Bovine and Porcine Skin Gelatin Based on Chemical Properties	Fundamental (A)	Institute of Products Halal Research
7	A-FD-34	Yaakob Che Man	Application of Ftir Spectroscopy Coupled with Chemometrics for Authentication of <i>Nigella Sativa</i> Seed Oil	Fundamental (A)	Institute of Products Halal Research
8	B-FD-57	Abu Bakar Salleh	A Microbial Bioassay System for Determination of Boric Acid using <i>Paecilomyces Variotii</i>	Applied Research (B)	Institute of Bioscience
9	B-FD-58	Amin Ismail	Purification and Composition Analysis of Polysaccharides from the Fibrous Pulp of <i>Mangifera Pajang</i> Fruits in Relation to their Health-Promoting Properties	Applied Research (B)	Institute of Products Halal Research

10	B-FD-59	Asmah Rahmat	A Comparative Assessment of Nutritional Composition, Total Phenolic, Total Flavonoid, Antioxidant Capacity and Antioxidant Vitamins of Two Types of Malaysian Underutilized Fruits (Averrhoa bilimbi and Averrhoa Carambola)	Applied Research (B)	Faculty of Medicine and Health Sciences
11	B-FD-60	Azizah Osman	Development of Edible Coating Formulations to Delay Ripening and Maintain Quality of Berangan Banana (Musa Sapientum Cv. Berangan)	Applied Research (B)	Faculty of Food Science and Technology
12	B-FD-61	Chin Nyuk Ling	Rheologically and Texturally Optimised Native Sago Starch-Sugar Gels using Response Surface Methodology	Applied Research (B)	Faculty of Engineering
13	B-FD-62	Fatimah Abu Bakar	Bactericidal Effects of Mung Bean Sprout against Multidrug (MDR) Resistant Bacteria	Applied Research (B)	Faculty of Food Science and Technology
14	B-FD-63	Fatimah Abu Bakar	Halotolerant Staphylococcus Carnosus FS19 as a Potential Histamine Degradator	Applied Research (B)	Faculty of Food Science and Technology
15	B-FD-64	Jinap Selamat	An UPLC/MS/MS for Simultaneous Determination Of Aflatoxins, Ochratoxin A, Zearalenone, DON, Fumonisin, T2-Toxin and HT2-Toxin, in Cereals	Applied Research (B)	Faculty of Food Science and Technology
16	B-FD-65	Jinap Selamat	Modification of a Gas Chromatography-Mass Spectrometry Method for the Determination of Acrylamide in Fried Snacks	Applied Research (B)	Faculty of Food Science and Technology
17	B-FD-66	Jinap Selamat	Advanced Methodology for Simultaneous Determination of Mycotoxins	Applied Research (B)	Faculty of Food Science and Technology
18	B-FD-67	Jinap Selamat	Increasing the Quantitative Value of Aflatoxins through Optimization of Hplc Conditions	Applied Research (B)	Faculty of Food Science and Technology
19	B-FD-68	Mohammed Nazrim Marikkar	A Simplified Method to Detect Lard in Pre-Fried Chicken Nuggets	Applied Research (B)	Institute of Products Halal Research
20	B-FD-69	Mohammed Nazrim Marikkar	Identity Characteristics of Lard for its Detection in Sunflower Oil	Applied Research (B)	Institute of Products Halal Research

PAMERAN REKA CIPTA, PENYELIDIKAN & INOVASI

KOMERSIALISASI INOVASI KE ARAH KELESTARIAN EKONOMI
DAN KESEJAHTERAAN KOMUNITI

21	B-FD-70	Mohd Yazid Abd Manap	Efficacy of Lactobacilli to Normalize Production of Corticosterone Induced by Unpleasant Handling of Broilers	Applied Research (B)	Faculty of Food Science and Technology
22	B-FD-71	Mohd Yazid Abd Manap	In Vitro Binding of Mutagenic Heterocyclic Aromatic Amines by Bifidobacterium Pseudocatenulatum G4	Applied Research (B)	Faculty of Food Science and Technology
23	B-FD-72	Mohd Yazid Abd Manap	Age Effects on Short Chain Fatty Acids Concentrations and Ph Values in the Gastrointestinal Tract of Broiler Chickens	Applied Research (B)	Faculty of Food Science and Technology
24	B-FD-73	Mohd Yazid Abd Manap	Bile Resistance and Bile Salt Deconjugation Activity of Bifidobacterium Pseudocatenulatum G4 In A Simulated Colonic pH	Applied Research (B)	Faculty of Food Science and Technology
25	B-FD-74	Noordiana Nordin	Occurrence of Formaldehyde and Quality Characteristics in Selected Fish and Seafood	Applied Research (B)	Faculty of Food Science and Technology
26	B-FD-75	Nur Fadhilah Khairil Mokhtar	Fluorescent Labelled Hydrolysis Probe for Detection of Porcine in Raw and Highly Processed Meat-Based Products	Applied Research (B)	Institute of Products Halal Research
27	B-FD-76	Roselina Karim	Optimisation of Kernels Roasting Conditions for Pistachio Paste Production	Applied Research (B)	Faculty of Food Science and Technology
28	B-FD-77	Roselina Karim	Antibacterial Activity of Several Malaysian Leaf Extracts on the Spoilage Bacteria of Yellow Alkaline Noodles	Applied Research (B)	Faculty of Food Science and Technology
29	B-FD-78	Rosfarizan Mohamad	Improvement of Folate Biosynthesis by Lactic Acid Bacteria	Applied Research (B)	Institute of Bioscience
30	B-FD-79	Shuhaimi Mustafa	Gold Nanoparticle Sensor for the Visual Detection of Pork Adulteration in Meatball	Applied Research (B)	Institute of Products Halal Research
31	B-FD-80	Syariena Arshad	Application of Electronic Nose in Discrimination of Alcoholic and Non-alcoholic Beverages	Applied Research (B)	Institute of Products Halal Research
32	B-FD-81	Tan Chin Ping	Preparation of Astaxanthin Nanodispersions using Proteins as Stabilizer	Applied Research (B)	Faculty of Food Science and Technology

33	C-FD-7	Azrina Azlan	C-Heart: Heart-Friendly Vegetable Oil	Product / Innovation (C)	Faculty of Medicine and Health Sciences
34	C-FD-8	Foo Hooi Ling	Novel Nutraceutical Metabolites Produced by Probiotic Strains of Lactobacillus Plantarum Exert Selective Cytotoxic and Antiproliferative Effects on Human Cancer Cells	Product / Innovation (C)	Faculty of Biotechnology and Biomolecular Sciences

PAMERAN REKA CIPTA, PENYELIDIKAN & INOVASI

KOMERSIALISASI INOVASI KE ARAH KELESTARIAN EKONOMI
DAN KESEJAHTERAAN KOMUNITI



Kluster Kesihatan

No.	Booth Number	Project Leader Name	Project Name	Category	Faculty / Institute / School / Academy
1	A-HE-35	Hawa ZE Jaafar	New Source of Two Rare Flavonoids with Potent Anti-Radical Activities	Fundamental (A)	Faculty of Agriculture
2	A-HE-36	Hazilawati Hj. Hamzah	Role of Morinda Citrifolia in Inhibiting the Proliferation of Leukaemic Cells in Rat Model	Fundamental (A)	Faculty of Veterinary Medicine
3	A-HE-37	Hazilawati Hj. Hamzah	Phyllanthus Niruri Reduces Azotaemia and Blood Vessel Dysfunction in Chronic Renal Failure Rats	Fundamental (A)	Faculty of Veterinary Medicine
4	A-HE-38	Kulanthayan KC Mani	Integrating Ethics and Health Policy: Motorcycle Safety Intervention in Malaysia	Fundamental (A)	Faculty of Medicine and Health Sciences
5	A-HE-39	Kulanthayan KC Mani	Engaging Policy Makers in Road Safety Research: Motorcycle Visibility Enhancement Material Intervention	Fundamental (A)	Faculty of Medicine and Health Sciences
6	A-HE-40	Lai Mei I	An Assessment of Three Non-Commercial Dna Extraction Methods from Dried Blood Spots for Beta-Thalassaemia Mutation Identification.	Fundamental (A)	Faculty of Medicine and Health Sciences
7	A-HE-41	Mohd Roslan Sulaiman	Antinociceptive Activity of a Synthetic Chalcone, Flavokawin B on Models of Nociception in Mice	Fundamental (A)	Faculty of Medicine and Health Sciences
8	A-HE-42	Mohd Roslan Sulaiman	Anti-Inflammatory Effect of Zerumbone on Acute and Chronic Inflammation Models in Mice	Fundamental (A)	Faculty of Medicine and Health Sciences
9	A-HE-43	Muhammad Nazrul Hakim Abdullah	Reduction of Ulcerogenic Effects of Piroxicam by Nano-Encapsulation	Fundamental (A)	Sports Academy
10	A-HE-44	Norazizah Shafee	Partial Protection against Enterovirus 71 (EV71) Infection in a Mouse Model Immunized with Recombinant Newcastle Disease Virus Capsids Displaying the EV71 VP1 Fragment	Fundamental (A)	Faculty of Biotechnology and Biomolecular Sciences

11	A-HE-45	Rajesh Ramasamy	Human Umbilical Cord Tissue as an Ideal Source for Mesenchymal Stem Cells	Fundamental (A)	Faculty of Medicine and Health Sciences
12	A-HE-46	Rajesh Ramasamy	Mesenchymal Stem Cells Therapy for Haematopoietic Origin Tumours	Fundamental (A)	Faculty of Medicine and Health Sciences
13	A-HE-47	Seow Heng Fong	Phosphatidylinositol 3-Kinase as Potential Therapeutic Target for Treating Metastatic Nasopharyngeal Carcinoma	Fundamental (A)	Faculty of Medicine and Health Sciences
14	A-HE-48	Sharida Fakurazi	Mitragynine Prevents the Development of Tolerance Following Morphine Treatment	Fundamental (A)	Institute of Bioscience
15	A-HE-49	Zainul Amiruddin Zakaria	In-vivo Antiulcer Activity of Muntingia Calabura Methanolic Extract	Fundamental (A)	Faculty of Medicine and Health Sciences
16	A-HE-50	Zainul Amiruddin Zakaria	Antinociceptive Activity of Methanol Extract of Muntingia Calabura and Its Mechanism of Action	Fundamental (A)	Faculty of Medicine and Health Sciences
17	A-HE-51	Zeenathul Nazariah Allaudin	Development of Rat Immunocontraceptive Vaccine	Fundamental (A)	Faculty of Veterinary Medicine
18	A-HE-52	Zuraini bt. Hj. Ahmad	Prevention of Pre-Lesional Stage of Atherosclerosis by Cryptotanshinone isolated from Salvia Miltiorrhiza (Danshen)	Fundamental (A)	Faculty of Medicine and Health Sciences
19	B-HE-82	Elizabeth George	Diagnostic Tool for Presumptive Screening for Alpha Thalassaemia	Applied Research (B)	Faculty of Medicine and Health Sciences
20	B-HE-83	Fathinul Fikri Ahmad Saad	¹⁸ F] FDG-PET/CT is a Useful Molecular Marker in Evaluating Thymoma Aggressiveness	Applied Research (B)	Faculty of Medicine and Health Sciences
21	B-HE-84	Khodzarah Shaari	tHGA - A Lead Molecule for Discovery of New Anti-Asthmatic Drugs	Applied Research (B)	Institute of Bioscience
22	B-HE-85	Latifah Saiful Yazan	Kenaf Seed Oil from Supercritical Carbon Dioxide Fluid Extraction Inhibits the Proliferation of WEHI-3B Leukemia Cells in Vivo	Applied Research (B)	Institute of Bioscience

PAMERAN REKA CIPTA, PENYELIDIKAN & INOVASI

KOMERSIALISASI INOVASI KE ARAH KELESTARIAN EKONOMI
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23	B-HE-86	Latifah Saiful Yazan	Thymoquinone from <i>Nigella Sativa</i> was Potent in Elimination of Cervical Cancer Cells SiHa via Apoptosis with Down-Regulation of Bcl-2 protein	Applied Research (B)	Institute of Bioscience
24	B-HE-87	Latiffah A. Latiff	Self-Administered Cervical Smear as an Alternative for Cervical Cancer Screening: Cytological Assessment	Applied Research (B)	Faculty of Medicine and Health Sciences
25	B-HE-88	Latiffah A. Latiff	Promoting Cervical Cancer Awareness through Public lecture	Applied Research (B)	Faculty of Medicine and Health Sciences
26	B-HE-89	Latiffah A. Latiff	Self-administered Cervical Smear Kit: Comparative Studies between Self-administered Cervical Smear and Conventional Pap Smear in Detecting Human Papillomavirus DNA	Applied Research (B)	Faculty of Medicine and Health Sciences
27	B-HE-90	Latiffah A. Latiff	Pandemic influenza A (H1N1) and its Prevention: A cross Sectional Study on Patients' Knowledge, Attitude, and Practice among Patients Attending Primary Health Care Clinic in Kuala Lumpur, Malaysia	Applied Research (B)	Faculty of Medicine and Health Sciences
28	B-HE-91	Latiffah A. Latiff	Effect of Ovariectomy on Spatial Memory and Exploratory Behavior: An in Vivo Study	Applied Research (B)	Faculty of Medicine and Health Sciences
29	B-HE-92	Latiffah A. Latiff	Awareness, Attitudes and Beliefs of Malaysian Women towards Self-administered Cervical Cancer Screening: A Randomized Community Trial in Negeri Sembilan, Malaysia	Applied Research (B)	Faculty of Medicine and Health Sciences
30	B-HE-93	Maha Abdullah	Immunomodulatory Potential of Papaya	Applied Research (B)	Faculty of Medicine and Health Sciences
31	B-HE-94	Mariana Nor Shamsudin	A Simple, Fast, and Effective Method of RNA Extraction from Bacteria Refractory to Disruption, Including <i>S. Aureus</i> Producing Biofilm	Applied Research (B)	Faculty of Medicine and Health Sciences
32	B-HE-95	Mariana Nor Shamsudin	Supercritical Fluid Extract of Marine Organism: Potential Anti-Methicillin Resistant <i>Staphylococcus Aureus</i>	Applied Research (B)	Institute of Bioscience

33	B-HE-96	Noorjahan Banu Mohamed Alitheen	Rhaphidophora Korthalsii Methanolic Extract as a Potential Immunomodulatory in Human.	Applied Research (B)	Faculty of Biotechnology and Biomolecular Sciences
34	B-HE-97	Noorjahan Banu Mohamed Alitheen	Goniothalamin: a Potential Hepatoblastoma Chemotherapy Adjuvant	Applied Research (B)	Faculty of Biotechnology and Biomolecular Sciences
35	B-HE-98	Nordin Haji Lajis	New Class of Acetylcholinesterase Inhibitors from the Stem Bark of Knema Laurina and their Structural Insights	Applied Research (B)	Institute of Bioscience
36	B-HE-99	Norhaizan Mohd Esa	Anti-Cancer Effects of Phytic Acid Extracted from Malaysian Rice Bran on Human Colorectal Adenocarcinoma Cells	Applied Research (B)	Institute of Bioscience
37	B-HE-100	Raja Nurzatul Efah Raja Adnan	Association of Milk and Milk Products Consumption with Tooth Loss, Prevalence of Falls and Joint Pain Among Older Persons in Malaysia	Applied Research (B)	Institute of Gerontology
38	B-HE-101	Rajesh Ramasamy	Stem Cell Therapy for Neutrophil Mediated Immune Diseases	Applied Research (B)	Faculty of Medicine and Health Sciences
39	B-HE-102	Zailina Binti Hashim	Prevalence of Low Back Pain and Its Risk Factors among Primary School Teachers	Applied Research (B)	Faculty of Medicine and Health Sciences
40	B-HE-103	Zailina Hashim	Ambient Air Pollution and Its Association with The Respiratory Health of Asthmatic Primary School Children in Selected Areas of Selangor and Kuala Lumpur	Applied Research (B)	Faculty of Medicine and Health Sciences
41	C-HE-9	Ahmad Bustamam Abdul	Characterization of Inclusion Complexes of Zerumbone with Hydroxypropyl-Cyclodextrin: Phase Solubility, Molecular Modelling and in Vitro/in Vivo Applications	Product / Innovation (C)	Institute of Bioscience
42	C-HE-10	Ahmad Bustamam Abdul	A Natural compound as Potential Targeted Protein Molecule for Breast Cancer	Product / Innovation (C)	Institute of Bioscience

PAMERAN REKA CIPTA, PENYELIDIKAN & INOVASI

KOMERSIALISASI INOVASI KE ARAH KELESTARIAN EKONOMI
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43	C-HE-11	Ahmad Bustamam Abdul	A New Potential Natural Product as Anticancer Agent against Liver Cancer	Product / Innovation (C)	Institute of Bioscience
44	C-HE-12	Ahmad Bustamam Abdul	Potential Chemoprevention and Chemotherapy of Liver Cancer by Zerumbone from the Rhizomes of the Subtropical Ginger (Zingiber Zerumbet)	Product / Innovation (C)	Institute of Bioscience
45	C-HE-13	Amin Ismail	MANGA : Antioxidant Dietary Fiber-Rich Powder for Healthy Food Ingredient	Product / Innovation (C)	Faculty of Medicine and Health Sciences
46	C-HE-14	Chin Yit Siew	Development of Multidimensional Body Image Scale for Malaysian Female Adolescents	Product / Innovation (C)	Faculty of Medicine and Health Sciences
47	C-HE-15	Rozita Rosli	Anti-diabetic Formulation Obtained from Albizia Myriophylla Extract	Product / Innovation (C)	Faculty of Medicine and Health Sciences
48	C-HE-16	Zailina Hashim	Evaluation of a Health Promotion Program on Its Effectiveness of the Knowledge, Attitude and Practice of Workers Exposed to Naphtha	Product / Innovation (C)	Faculty of Medicine and Health Sciences



Kluster Perhutanan dan Alam Sekitar

No.	Booth Number	Project Leader Name	Project Name	Category	Faculty / Institute / School / Academy
1	A-FE-53	Ahmad Ismail	Is there any Potential Input of Metals from Klang River into the Straits of Malacca?	Fundamental (A)	Faculty of Science
2	A-FE-54	Mohamad Pauzi Zakaria	Linear Alkylbenzenes (LABs) in Surface Sediments of South China Sea: Molecular Marker for Sewage pollution	Fundamental (A)	Faculty of Environmental Studies
3	A-FE-55	Mohamad Pauzi Zakaria	Distribution of Linear Alkylbenzenes (LABs) in Selected Sediments of Sarawak, and Sembulan Rivers East Malaysia	Fundamental (A)	Faculty of Environmental Studies
4	A-FE-56	Nik Muhamad Nik Ab Majid	Determination of Phytoremediator of Contaminated Soil	Fundamental (A)	Faculty of Forestry
5	A-FE-57	Nor Rasidah Hashim	Ant Diversity in Peninsular Malaysian Mangrove Forests	Fundamental (A)	Faculty of Environmental Studies
6	A-FE-58	Rusea Go	Malaysian Lycopodiaceae, a Potential Natural Wealth	Fundamental (A)	Faculty of Science
7	A-FE-59	Rusea Go	Orchids, the Hidden Beauties and Treasures of Gunung Nuang, Selangor	Fundamental (A)	Faculty of Science
8	A-FE-60	Rusea Go	Perlis Rich Orchid Flora, the Implausible Discovery for Malaysia	Fundamental (A)	Faculty of Science
9	A-FE-61	Seca Gandaseca	Effect of Converting Secondary Tropical Peat Swamp Forest into Oil Palm	Fundamental (A)	Faculty of Agriculture and Food Sciences
10	A-FE-62	Seca Gandaseca	Effect of Tropical Peat Swamp Forest Clearing on Soil Carbon Storage	Fundamental (A)	Faculty of Agriculture and Food Sciences
11	A-FE-63	Seca Gandaseca	Comparison of Selected Soil Chemical Properties of Two Different Mangrove Forests in Sarawak	Fundamental (A)	Faculty of Agriculture and Food Sciences
12	A-FE-64	Sheriza Mohd Razali	Fuel Type Mapping using Tasseled Cap Transformation Technique	Fundamental (A)	Institute of Tropical Forestry and Forest Products

PAMERAN REKA CIPTA, PENYELIDIKAN & INOVASI

KOMERSIALISASI INOVASI KE ARAH KELESTARIAN EKONOMI
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13	A-FE-65	Wan Nor Azmin Sulaiman	Laboratory Study of Light Nonaqueous Phase Liquid (LNAPL) using Image Analysis Technique	Fundamental (A)	Faculty of Environmental Studies
14	A-FE-66	Yap Chee Kong	Possibility of Hg redistribution in Tridax Procumbens due to Hg Contamination	Fundamental (A)	Faculty of Science
15	A-FE-67	Yap Chee Kong	Heavy Metal Accumulation in a Medicinal Plant Centella Asiatica from Peninsular Malaysia	Fundamental (A)	Faculty of Science
16	B-FE-104	Ahmad Ainuddin Nuruddin	Assessment of Light Stress Adaptability of Platynerium Bifurcatum in a Changing Climate	Applied Research (B)	Institute of Tropical Forestry and Forest Products
17	B-FE-105	Ahmad Makmom Abdullah	PM10 Distribution using Remotely Sensed Data and GIS Techniques; Klang Valley, Malaysia	Applied Research (B)	Faculty of Agriculture
18	B-FE-106	Ahmad Makmom Abdullah	Accuracy Assessment of Moderate Resolution Image Spectroradiometer Products for Dust Storms in Semiarid Environment	Applied Research (B)	Faculty of Environmental Studies
19	B-FE-107	Ainun Zuriyati Mohamed @ Asa'ari	Writing and Printing Grade Paper from Kenaf-EFB Mixed Fibres	Applied Research (B)	Institute of Tropical Forestry and Forest Products
20	B-FE-108	H'ng Paik San	Properties of Particleboard Produced from Admixture of Rubberwood and Mahang Species	Applied Research (B)	Faculty of Forestry
21	B-FE-109	H'ng Paik San	Production of Oil Palm Trunk Core Board with Wood Veneer Lamination	Applied Research (B)	Faculty of Forestry
22	B-FE-110	Mohamad Pauzi Zakaria	Source Apportionment of Aquaculture Surface Sediments Polycyclic Aromatic Hydrocarbons (PAHs) using Multivariate Methods	Applied Research (B)	Faculty of Environmental Studies
23	B-FE-111	Mohamad Pauzi Zakaria	Environmental Forensic Techniques in Identifying 16 Priority Pollutant PAHs in Langat River, Selangor.	Applied Research (B)	Faculty of Environmental Studies
24	B-FE-112	Mohamad Pauzi Zakaria	Distribution of Polycyclic Aromatic Hydrocarbons (PAHs) in Selected Surface Sediment of Sarawak River, Sembulan River and Kuantan River.	Applied Research (B)	Faculty of Environmental Studies

25	B-FE-113	Mohamad Pauzi Zakaria	Method Development for the Simultaneous Quantification of Pharmaceuticals and Personal Care Products (PPCPs) using Solid Phase Extraction and Liquid Chromatography Tandem Mass Spectrometry	Applied Research (B)	Faculty of Environmental Studies
26	B-FE-114	Mohamad Pauzi Zakaria	Method Development for Simultaneous Quantification of Veterinary Antibiotics in Broiler Chicken Manure and Land Applied Manure and its Fate during Composting: A New Approach in Environmental Forensic	Applied Research (B)	Faculty of Environmental Studies
27	B-FE-115	Mohd Hasmadi Ismail	Land use Trends and Landscape Analysis Using SPOT-5 Images of Cameron Highland, Malaysia	Applied Research (B)	Faculty of Forestry
28	B-FE-116	Mohd Hasmadi Ismail	Hotspot Occurrences: Classification Model using Decision Tree Method.	Applied Research (B)	Faculty of Forestry
29	B-FE-117	Rosta Harun	Impacts of Forest Changes on Indigenous People Livelihood in Pekan District, Pahang	Applied Research (B)	Faculty of Environmental Studies
30	B-FE-118	Sheriza Mohd Razali	Identification of Bamboo Areas using the Tasselled Cap of Sub-pixel Classifier for SPOT-XS Remote Sensing Data	Applied Research (B)	Institute of Tropical Forestry and Forest Products
31	B-FE-119	Siti Khairunniza Bejo	Development of Mangrove Forest Monitoring Technique using Local Similarity Measure	Applied Research (B)	Faculty of Engineering
32	B-FE-120	Wan Nor Azmin Sulaiman	The Application of Digital Elevation Model for the Interpretation of Klang Valley Geological Structure	Applied Research (B)	Faculty of Environmental Studies
33	C-FE-17	Jegatheswaran Ratnasingam	The Furniture Accountant	Product / Innovation (C)	Faculty of Forestry

PAMERAN REKA CIPTA, PENYELIDIKAN & INOVASI

KOMERSIALISASI INOVASI KE ARAH KELESTARIAN EKONOMI
DAN KESEJAHTERAAN KOMUNITI



Kluster Sains Sosial

No.	Booth Number	Project Leader Name	Project Name	Category	Faculty / Institute / School / Academy
1	A-SS-68	Adi Yasran Abdul Aziz	Aspek Fonologi Dialek Kelantan berdasarkan Teori Optimaliti	Fundamental (A)	Faculty of Modern Languages and Communication
2	A-SS-69	Adi Yasran Abdul Aziz	Transliterasi, Anotasi dan Analisis Manuskrip Undang-Undang Melayu	Fundamental (A)	Faculty of Modern Languages and Communication
3	A-SS-70	Amini Amir Abdullah	Islamic Revivalism in Malaysia: Themes and Perspectives	Fundamental (A)	Faculty of Human Ecology
4	A-SS-71	Annuar Nasir	Does the Stock Market Value Bank Diversification in Non Interest Income and Islamic Income?	Fundamental (A)	Faculty of Economics and Management
5	A-SS-72	Cheng Fan Fah	Test of Arbitrage Pricing Theory on the Tehran Stock Exchange: the Case of A Shariah-Compliant Close Economy	Fundamental (A)	Faculty of Economics and Management
6	A-SS-73	Cheng Fan Fah	Earning Response Coefficients and the Financial Risks of China Commercial Banks	Fundamental (A)	Faculty of Economics and Management
7	A-SS-74	Elistina Abu Bakar	Consumers' Perceptions on the Service Quality in the Motor Vehicle Repair and Service Industry	Fundamental (A)	Faculty of Human Ecology
8	A-SS-75	Elistina Abu Bakar	Consumers' Legal Literacy in Consumers Credit Transactions	Fundamental (A)	Faculty of Human Ecology
9	A-SS-76	Ezhar Tamam	Measuring Intercultural Sensitivity in Malaysia Context: Applicability of Chen and Starosta's Instrument Model	Fundamental (A)	Faculty of Modern Languages and Communication
10	A-SS-77	Hashim Musa	Great Works in Malay/Karya Agung Melayu	Fundamental (A)	Faculty of Modern Languages and Communication
11	A-SS-78	Haslinda Abdullah	Aspek Psikososial Wanita Berkerja yang Merokok di Lembah Kelang	Fundamental (A)	Faculty of Human Ecology

12	A-SS-79	Ho Jo Ann	The Role of Cultural Values in Moral Issue Recognition	Fundamental (A)	Faculty of Economics and Management
13	A-SS-80	Husniyah Abd. Rahim @ Abdul Wahab	Financial Management Practices among Malaysian Main Ethnicities	Fundamental (A)	Faculty of Human Ecology
14	A-SS-81	Husniyah Abd. Rahim @ Abdul Wahab	Financial Risk Tolerance in Personal Financial Management among Working People	Fundamental (A)	Faculty of Human Ecology
15	A-SS-82	Jamaludin Ahmad	Semakan Kegunaan Modul Pembimbing Rakan Sebaya Kementerian Pelajaran Malaysia	Fundamental (A)	Faculty of Educational Studies
16	A-SS-83	Jamilah Othman	Child Health Surveillance & Screening Programme in Detection of Developmental Delay : The Malaysia Model	Fundamental (A)	Institute of Social Science Studies
17	A-SS-84	Ku Hasnita Ku Samsu	Pemupukan Semangat Patriotisme Melalui Proses Sosialisasi Politik	Fundamental (A)	Faculty of Human Ecology
18	A-SS-85	Malathi A/P Letchumanan	E-Book Utilization among Mathematics Students of Universiti Putra Malaysia (UPM)	Fundamental (A)	Institute of Mathematical Research
19	A-SS-86	Mansor Abu Talib	Undergraduate Daily Hassle and Mental Health Status	Fundamental (A)	Faculty of Human Ecology
20	A-SS-87	Mansor Abu Talib	Client Satisfaction towards Mandated Counseling	Fundamental (A)	Faculty of Human Ecology
21	A-SS-88	Mohamad Fazdillah Bagat	Driving Practices among Older Drivers	Fundamental (A)	Institute of Gerontology
22	A-SS-89	Mohamad Fazdillah Bagat	Driving Competency among Older Drivers	Fundamental (A)	Institute of Gerontology
23	A-SS-90	Mohd Kamel Idris	Longitudinal Mediation Effects of Strain on the Relationships between Role Stressors and Employees' Withdrawal Responses	Fundamental (A)	Faculty of Economics and Management
24	A-SS-91	Mohd. Sofian bin Omar Fauzee	Promotion of Physical Activity by Exercise Imagery	Fundamental (A)	Sports Academy
25	A-SS-92	Noor Aina Dani	Hubungan Motivasi dengan Perilaku Pembelajaran Bahasa Melayu Pelajar Dwibahasa Pribumi Sarawak	Fundamental (A)	Faculty of Modern Languages and Communication
26	A-SS-93	Nor Wahiza Abdul Wahat	Objective and Subjective Career Success of Persons with Disabilities	Fundamental (A)	Institute of Social Science Studies

PAMERAN REKA CIPTA, PENYELIDIKAN & INOVASI

KOMERSIALISASI INOVASI KE ARAH KELESTARIAN EKONOMI
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27	A-SS-94	Rahim Md. Sail	Social Skills and Social Values Training for Future K-Workers	Fundamental (A)	Faculty of Educational Studies
28	A-SS-95	Rahimah Ibrahim	Loneliness and Social Isolation among Older Malaysians	Fundamental (A)	Institute of Gerontology
29	A-SS-96	Rohani Ahmad Tarmizi	Effects of Problem-based Learning Approach in Learning of Statistics among University Students	Fundamental (A)	Institute of Mathematical Research
30	A-SS-97	Rosnani Jusoh	Analisis Keperluan Latihan Pendidikan Keusahawanan	Fundamental (A)	Faculty of Educational Studies
31	A-SS-98	Rozumah Baharudin	Perceived Parental Warmth and Depression in Early Adolescents: Path Analysis on the Role of Self-Esteem as a Mediator	Fundamental (A)	Faculty of Human Ecology
32	A-SS-99	Rozumah Baharudin	The Moderating Role of Gender on the Relationships between Perceived Paternal Parenting Style, Locus of Control and Self-Efficacy.	Fundamental (A)	Faculty of Human Ecology
33	A-SS-100	Rozumah Baharudin	The Relationship between Parenting Style and Social Responsibility of Adolescents in Banda Aceh, Indonesia	Fundamental (A)	Faculty of Human Ecology
34	A-SS-101	Rumaya Juhari	Ecological Determinants of Father Involvement amongst Muslims in Selangor, Malaysia	Fundamental (A)	Faculty of Human Ecology
35	A-SS-102	Sarjit Singh Darshan Singh	Acculturation of Consumerism among the Orang Asli Community in Jelebu, Negeri Sembilan, Malaysia	Fundamental (A)	Faculty of Human Ecology
36	A-SS-103	Shaufique Fahmi Sidique	The Effects of Behaviors and Attitudes on Drop-Off Recycling Activities	Fundamental (A)	Institute of Agricultural and Food Policy Studies
37	A-SS-104	Soh Kim Geok	Association between Fatness and Coronary Heart Disease Risk Factors in Adolescents	Fundamental (A)	Faculty of Educational Studies
38	A-SS-105	Tajularipin Sulaiman	The Role of Multiple Intelligences and Creativity in Students' Learning Style	Fundamental (A)	Faculty of Educational Studies
39	A-SS-106	Yap Ngee Thai	Representation of English Front Vowels by Malay-English Bilinguals	Fundamental (A)	Faculty of Modern Languages and Communication

40	A-SS-107	Yussyafiqah binti Yunus	Pengetahuan dan Persepsi Terhadap Perlindungan Takaful Keluarga	Fundamental (A)	Faculty of Human Ecology
41	A-SS-108	Zulhamri Abdullah	Strategic Leadership in Corporate Communication: the Importance of Executive Coaching	Fundamental (A)	Faculty of Modern Languages and Communication
42	B-SS-121	Abdul Rasid Jamian	Permasalahan Kemahiran Membaca dan Menulis Bahasa Melayu Murid-murid Sekolah Rendah di Luar Bandar	Applied Research (B)	Faculty of Educational Studies
43	B-SS-122	Abu Daud Silong	Application of Logit Model in Innovation Adoption among Biotechnology Companies	Applied Research (B)	Faculty of Educational Studies
44	B-SS-123	Abu Daud Silong	Competencies, Roles and Effective Academic Leadership in World Class University	Applied Research (B)	Faculty of Educational Studies
45	B-SS-124	Ahmad Fauzi Mohd Ayub	Visualisasi dan Keberkesanan Penggunaan Perisian Sumber Terbuka dalam Pengajaran dan Pembelajaran Matematik	Applied Research (B)	Institute of Mathematical Research
46	B-SS-125	Ahmad Fauzi Mohd Ayub	Utilization of Learning Management System Portal: Perspective from Higher Education Students	Applied Research (B)	Institute of Mathematical Research
47	B-SS-126	Ahmad Zubaidi Baharumshah	Mean Reversion in Bilateral Real Exchange Rates: Evidence from the Malaysian Ringgit	Applied Research (B)	Faculty of Economics and Management
48	B-SS-127	Aminah Ahmad	Informal Work-Family Supportive Practices	Applied Research (B)	Faculty of Educational Studies
49	B-SS-128	Aminah Ahmad	Usefulness of Family-Friendly Policies, Organizational-Family Support and Job- and Family-Related Outcomes	Applied Research (B)	Faculty of Educational Studies
50	B-SS-129	Aminah Ahmad	Effects of Perfectionism, Role Overload and Work-Family Conflict on Job Satisfaction	Applied Research (B)	Faculty of Educational Studies
51	B-SS-130	Annuar Md Nassir	Information System and Firms' Performance: The Case of Malaysian Small Medium Enterprises	Applied Research (B)	Faculty of Economics and Management
52	B-SS-131	Arbaayah Ali Termizi	Portrayal of Loyalty in Shakespeare's Timon of Athens and Pericles	Applied Research (B)	Faculty of Modern Languages and Communication

PAMERAN REKA CIPTA, PENYELIDIKAN & INOVASI

KOMERSIALISASI INOVASI KE ARAH KELESTARIAN EKONOMI
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53	B-SS-132	Bahaman Abu Samah	Determinants of ICT usage among Village Administrators in Malaysia using Extended Technology Acceptance Model	Applied Research (B)	Institute of Social Science Studies
54	B-SS-133	Chan Mei Yuit	Public Discourse through Online Writing in ESL Instruction	Applied Research (B)	Faculty of Modern Languages and Communication
55	B-SS-134	Chan Swee Heng	Exploring the Language of Traffic Signs in the Malaysian Linguistic Landscape: its Meaning	Applied Research (B)	Faculty of Modern Languages and Communication
56	B-SS-135	Fatimah Mohamed Arshad	Inroads of Palm Oil into the Middle East and North Africa Region	Applied Research (B)	Institute of Agricultural and Food Policy Studies
57	B-SS-136	Fatimah Mohamed Arshad	Estimation Methodology of Short-term Natural Rubber Price Forecasting Models	Applied Research (B)	Institute of Agricultural and Food Policy Studies
58	B-SS-137	Fatimah Mohamed Arshad	The Impact of Petroleum Prices on Vegetable Oilsrices: Evidence from Co-integration Tests	Applied Research (B)	Institute of Agricultural and Food Policy Studies
59	B-SS-138	Fatimah Mohamed Arshad	Comparative Forecasting Models Accuracy of Short-term Natural Rubber Prices	Applied Research (B)	Institute of Agricultural and Food Policy Studies
60	B-SS-139	Gazi Md Nurul Islam	Community Based Management and Sustainable Livelihoods of Inland Fishers of Bangladesh	Applied Research (B)	Institute of Agricultural and Food Policy Studies
61	B-SS-140	Gazi Md Nurul Islam	Household Expenditure on Food Away from Home by Type of Meal in Malaysia	Applied Research (B)	Institute of Agricultural and Food Policy Studies
62	B-SS-141	Gazi Md. Nurul Islam	Community Based Fisheries Management, Social Capital and Fisher's Livelihood in Bangladesh	Applied Research (B)	Institute of Agricultural and Food Policy Studies
63	B-SS-142	Gazi Md. Nurul Islam	Measuring Productivity in Fishery Sector of Peninsular Malaysia	Applied Research (B)	Institute of Agricultural and Food Policy Studies

64	B-SS-143	Habibah Elias	A Proposed Model of Motivational Influences on Academic Achievement with Flow as the Mediator	Applied Research (B)	Faculty of Educational Studies
65	B-SS-144	Han Chun Kwong	Softly Speaking .. Transformation of Malaysia ..	Applied Research (B)	Faculty of Economics and Management
66	B-SS-145	Helen Tan	Extracting and Comparing the Intricacies of Metadiscourse of Two Written Persuasive Corpora	Applied Research (B)	Faculty of Modern Languages and Communication
67	B-SS-146	Ho Jo Ann	Perceptions of Malaysian Workforce Motivation: An Employee-Manager Comparison	Applied Research (B)	Faculty of Economics and Management
68	B-SS-147	Hossein Nezakati	Fostering Organizational Citizenship Behavior (OCB) through Human Resources Empowerment (HRE)	Applied Research (B)	Faculty of Economics and Management
69	B-SS-148	Husna Sulaiman	Older Persons, Work and Adult Children's Remittance	Applied Research (B)	Institute of Gerontology
70	B-SS-149	Jamil Bojei	The Influence of Relationship Quality on Loyalty in Service Sector	Applied Research (B)	Faculty of Economics and Management
71	B-SS-150	Jariah Masud	Gender Differences in Financial Literacy among Older Persons in Malaysia	Applied Research (B)	Institute of Gerontology
72	B-SS-151	Jegak Uli	Human, Social, Physical and Financial, and Natural Capitals and the Variation Of Employees' Work Performance in The Public Sector Organizations	Applied Research (B)	Institute of Social Science Studies
73	B-SS-152	Kamariah Abu Bakar	Relationship Between Selected Factors and the Level of School Computers use by Secondary School Principals	Applied Research (B)	Faculty of Educational Studies
74	B-SS-153	Laily Hj. Paim	College Students Financial Management Skills and Education Needs	Applied Research (B)	Faculty of Human Ecology
75	B-SS-154	Laily Paim	Understanding Consumer's Internet Purchase Intention in Malaysia	Applied Research (B)	Faculty of Human Ecology
76	B-SS-155	Laily Paim	Determinants of Financial Well-Being among Malaysia Workers	Applied Research (B)	Faculty of Human Ecology
77	B-SS-156	Lee Chin	Purchasing Power Parity and Free Trade Area	Applied Research (B)	Faculty of Economics and Management

PAMERAN REKA CIPTA, PENYELIDIKAN & INOVASI

KOMERSIALISASI INOVASI KE ARAH KELESTARIAN EKONOMI
DAN KESEJAHTERAAN KOMUNITI

78	B-SS-157	Lee Chin	Currency Linkages among Asean	Applied Research (B)	Faculty of Economics and Management
79	B-SS-158	Lee Chin	RM/USD Exchange Market Pressure and Monetary Policy in Malaysia	Applied Research (B)	Faculty of Economics and Management
80	B-SS-159	Maimunah Ismail	Career Advancement Predictors of Academics in Malaysian Private Universities	Applied Research (B)	Faculty of Educational Studies
81	B-SS-160	Maimunah Ismail	Predictors of Achievement Motivation in Leadership Role as Perceived by Iranian Extension Workers.	Applied Research (B)	Faculty of Educational Studies
82	B-SS-161	Maimunah Ismail	Gender Identity and Career Aspiration to Top Management of Malaysian Graduate Students	Applied Research (B)	Faculty of Educational Studies
83	B-SS-162	Maria Chong Abdullah	Violent Video Game Playing and Television Program Viewing: Predictors of Physical Aggression among Primary School Children	Applied Research (B)	Faculty of Educational Studies
84	B-SS-163	Mazanah Muhamad	Religion and Spirituality in Coping with Advanced Breast Cancer: Perspectives from Malaysian Muslim Women	Applied Research (B)	Institute of Social Science Studies
85	B-SS-164	Mazanah Muhamad	Learning in an Industrial Practicum Training Program: A Case Study in a Public University in Malaysia	Applied Research (B)	Institute of Social Science Studies
86	B-SS-165	Mazlina Mustapha	Inside and Outside Shareholders and Monitoring: Evidence	Applied Research (B)	Faculty of Economics and Management
87	B-SS-166	Md. Salleh Hassan	Agriculture Agency, Mass Media and Farmers: A Combination for Creating Knowledgeable Agriculture Community	Applied Research (B)	Institute of Social Science Studies
88	B-SS-167	Mohamed Hisham Yahya	Malmquist Indices of Productivity Growth for Islamic and Conventional Banks in Malaysia	Applied Research (B)	Faculty of Economics and Management
89	B-SS-168	Mohd Azidan bin Abdul Jabar	The use of Arabic Language in the Local Food Product Packages for The Middle East Market	Applied Research (B)	Faculty of Modern Languages and Communication
90	B-SS-169	Mohd Naseem Niaz Ahmad	Exchange Rate Misalignment, Volatility and Malaysian Export Flows	Applied Research (B)	Faculty of Economics and Management

91	B-SS-170	Mohd. Ibrani Shahrimin Adam Assim	eLearning on Road Safety for Preschoolers	Applied Research (B)	Faculty of Human Ecology
92	B-SS-171	Mohhidin Othman	Measuring Efficiency of a Malaysian Hotel Chain using Data Envelopment Analysis (Dea)	Applied Research (B)	Faculty of Food Science and Technology
93	B-SS-172	Naresh Kumar	Examining the Link between Islamic Work Ethic and Innovation Capability	Applied Research (B)	Faculty of Economics and Management
94	B-SS-173	Norfaryanti Kamaruddin	Quantifying Farmers' Acceptance on Developing Kenaf Industry in Malaysia	Applied Research (B)	Institute of Tropical Forestry and Forest Products
95	B-SS-174	Norhasmah Sulaiman	Demographic and Socio-Economic Factors and Dietary Consequences of Food Insecurity in Kelantan	Applied Research (B)	Faculty of Human Ecology
96	B-SS-175	Norisma Aiza Ismail	Profile of Older Persons with Financial Liabilities In Peninsular Malaysia	Applied Research (B)	Institute of Gerontology
97	B-SS-176	Normaz Wana Ismail	The Effect of Language on Trade: The Malaysian Case	Applied Research (B)	Faculty of Economics and Management
98	B-SS-177	Paramasivam Muthusamy	Mauritius Tamils: Language-Culture- Society	Applied Research (B)	Faculty of Modern Languages and Communication
99	B-SS-178	Paramasivam Muthusamy	Codeswitching among Malaysian Tamils: a Sociolinguistic study	Applied Research (B)	Faculty of Modern Languages and Communication
100	B-SS-179	Paramasivam Muthusamy	Codeswitching in Communication: A Sociolinguistic Study of Malaysian Secondary School Students.	Applied Research (B)	Faculty of Modern Languages and Communication
101	B-SS-180	Rahimah Ibrahim	Self Esteem As Moderator of Disability and Perceived Quality of Life among Malaysian Elderly	Applied Research (B)	Institute of Gerontology
102	B-SS-181	Rahimah Ibrahim	The Vision Impairments of Older Malaysian in Peninsular Malaysia	Applied Research (B)	Institute of Gerontology
103	B-SS-182	Rohani Ahmad Tarmizi	Enhancing Calculus Learning through Problem-Based Learning for Engineering Students	Applied Research (B)	Institute of Mathematical Research

PAMERAN REKA CIPTA, PENYELIDIKAN & INOVASI

KOMERSIALISASI INOVASI KE ARAH KELESTARIAN EKONOMI
DAN KESEJAHTERAAN KOMUNITI

104	B-SS-183	Roziah Mohd Rasdi	Career Success of Managers: Public versus Private	Applied Research (B)	Faculty of Educational Studies
105	B-SS-184	Rusmawati Said	Return to Education in Malaysia	Applied Research (B)	Faculty of Economics and Management
106	B-SS-185	Samsilah Roslan	Inception of Ecopsychology Elements in Environments Education Teacher Trainees in Malaysia	Applied Research (B)	Faculty of Educational Studies
107	B-SS-186	Shaffe Mohd Daud	Effectiveness of Multimedia Reading Material for Enhancing Basic Literacy Skills among Students with Hearing Disabilities	Applied Research (B)	Faculty of Educational Studies
108	B-SS-187	Sharifah Md Nor	Psychosial Model of Mat Rempit (Illegal Bikers)	Applied Research (B)	Faculty of Educational Studies
109	B-SS-188	Sharifah Md Nor	Graduates' Employment : Who Gets Ahead?	Applied Research (B)	Faculty of Educational Studies
110	B-SS-189	Siti Aisyah Nor Akahbar	Sleep Disorder among Older Malaysians	Applied Research (B)	Institute of Gerontology
111	B-SS-190	Siti Farra Zillah Abdullah	Perceived Income Adequacy among Older Malaysians	Applied Research (B)	Institute of Gerontology
112	B-SS-191	Siti Rahayu Hussin	Essential Quality Attributes in Fresh Produce Purchase by Malaysian Consumers	Applied Research (B)	Faculty of Economics and Management
113	B-SS-192	Sulaiman Md Yassin	Quality of Life of the Rural Community Living along Muar River and Pahang River: A Comparison between Three Cities	Applied Research (B)	Institute of Social Science Studies
114	B-SS-193	Syuhaily Osman	The Influence of Perception of In-Store Colour on Consumers' in-Store Behaviour	Applied Research (B)	Faculty of Human Ecology
115	B-SS-194	Tengku Aizan Hamid	Prevalence of Successful Aging Among Older Malaysian	Applied Research (B)	Institute of Gerontology
116	B-SS-195	Tengku Aizan Hamid	Awareness on Elder Abuse among Malaysians	Applied Research (B)	Institute of Gerontology
117	B-SS-196	Wan Azman Saini Wan Ngah	Exploring the Role of Economic Freedom in Mediating the Impact of FDI on Economic Growth	Applied Research (B)	Faculty of Economics and Management

118	B-SS-197	Wan Azman Saini Wan Ngah	FDI Spillovers: New Evidence on the Role of Finance	Applied Research (B)	Faculty of Economics and Management
119	B-SS-198	Wan Zah Wan Ali	Interaksi dalam Persekitaran Pembelajaran Berkumpulan Berbantuan Komputer	Applied Research (B)	Faculty of Educational Studies
120	B-SS-199	Wong Foong Yee	The Case of Geneland Sdn. Bhd.	Applied Research (B)	Faculty of Economics and Management
121	B-SS-200	Yuhanis Abdul Aziz	Development of a Structural Equation Model for Tourist Service	Applied Research (B)	Faculty of Economics and Management
122	B-SS-201	Yuhanis Abdul Aziz	Conceptualising the Service Excellence and Its Antecedents: the Development of the Structural Equation Model	Applied Research (B)	Faculty of Economics and Management
123	B-SS-202	Zaidatol Akmaliah Lope Pihie	Teachers and Students' Entrepreneurial Self-Efficacy: a Comparative Study	Applied Research (B)	Faculty of Educational Studies
124	B-SS-203	Zaidatol Akmaliah Lope Pihie	Student Entrepreneurial Leaders: Challenges and Competencies of Leading University Entrepreneurship Programs	Applied Research (B)	Faculty of Educational Studies
125	B-SS-204	Zaidatol Akmaliah Lope Pihie	Analysis of Head of Departments Leadership Styles: Implication for Improving Research University Management Practices	Applied Research (B)	Faculty of Educational Studies
126	B-SS-205	Zaiton Samdin	Factors Influencing the Willingness to Pay for Entrance Permit: the Evidence from Taman Negara National Park	Applied Research (B)	Institute of Tropical Forestry and Forest Products
127	B-SS-206	Zuroni Md Jusoh	Stated Preference Economic Valuations: Experiments on Choices for Sustainable Housing in Malaysia	Applied Research (B)	Faculty of Human Ecology
128	C-SS-18	Jayakaran Mukundan	English Language Teaching Textbook Evaluation Checklist	Product / Innovation (C)	Faculty of Educational Studies
129	C-SS-19	Noor Aina Dani	Innovative Songs for Autistic Kids: Learning Bahasa Malaysia the Casual Talk Method.	Product / Innovation (C)	Faculty of Modern Languages and Communication

PAMERAN REKA CIPTA, PENYELIDIKAN & INOVASI

KOMERSIALISASI INOVASI KE ARAH KELESTARIAN EKONOMI
DAN KESEJAHTERAAN KOMUNITI

130	C-SS-20	Noor Aina Dani	Inovasi Format untuk Editor: Piramid Terbalik	Product / Innovation (C)	Faculty of Modern Languages and Communication
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Kluster Sains, Teknologi dan Kejuruteraan

No.	Booth Number	Project Leader Name	Project Name	Category	Faculty / Institute / School / Academy
1	A-STE-110	Abasalt Bodaghi	A Fixed Point Approach to the Stability of (Quadratic) Double Centralizers and (Quadratic) Multipliers	Fundamental (A)	Institute of Mathematical Research
2	A-STE-110	Abdul Rashid Mohamed Shariff	The Implementation of Spatial Data Infrastructure for National Land Administration toward Spatially Enabled	Fundamental (A)	Institute of Advanced Technology
3	A-STE-111	Abdumalik Rakhimov	Localization Principle of the Spectral Expansions of Distributions Connected with Schrodinger Operator	Fundamental (A)	Institute of Mathematical Research
4	A-STE-112	Adem Kilicman	On the Wave Equation and Tensor Products	Fundamental (A)	Institute of Mathematical Research
5	A-STE-113	Adem Kilicman	On the Solutions of Nonlinear Higher-Order Boundary Value Problems by using Differential Transformation Method and Adomian Decomposition Method	Fundamental (A)	Institute of Mathematical Research
6	A-STE-114	Adem Kilicman, Amin Saif	Lower Separation and Regularity Axioms in Fuzzy Topological Spaces	Fundamental (A)	Institute of Mathematical Research
7	A-STE-115	Ahmad Fauzi Abas	Level Spacing Optimization for Duty-Cycle Division Multiplexing System	Fundamental (A)	Faculty of Engineering
8	A-STE-116	Ahmad Makmom Abdullah	An Expert System for Air Pollution Trend in Klang Valley, Malaysia	Fundamental (A)	Faculty of Environmental Studies
9	A-STE-117	Ahmed Fauzi Abas	Compact Fiber Bragg Grating Fabry-Perot Laser Source	Fundamental (A)	Faculty of Engineering
10	A-STE-118	Anuar Kassim	Developing Chemometrics Techniques for Multivariate Optimization of Biosynthesis of Triethanolamine-based Esterquate Cationic Surfactant	Fundamental (A)	Faculty of Science
11	A-STE-119	Anvarjon Ahmedov	The Generalized Localization for Multiple Fourier Integrals	Fundamental (A)	Faculty of Engineering

PAMERAN REKA CIPTA, PENYELIDIKAN & INOVASI

KOMERSIALISASI INOVASI KE ARAH KELESTARIAN EKONOMI
DAN KESEJAHTERAAN KOMUNITI

12	A-STE-120	Anvarjon Ahmedov	Approximate Solution of the System of Nonlinear Integral Equation by Newton-Kantorovich Method DOMAIN	Fundamental (A)	Institute of Mathematical Research
13	A-STE-121	Assoc. Prof. Dr. Nor Azah Yusof	Membrane Molecular Imprinted Polymer for Removal of Toxic Compound	Fundamental (A)	Faculty of Science
14	A-STE-122	Aziz Arshad	Diversity, Distribution and Ecology of Fish Larvae in the Estuary of Sg. Pendas, Johor	Fundamental (A)	Faculty of Agriculture
15	A-STE-123	Azmi Zakaria	Use of Reflectance Spectroscopy Accessory for Band-gap Measurement of ZnO-Bi ₂ O ₃ -TiO ₂ Ceramics	Fundamental (A)	Institute of Advanced Technology
16	A-STE-124	Chen Soo Kien	X-ray Powder Diffraction Study on the MgB ₂ Superconductor Reacted with Nano-SiC: the Effects of Sintering Temperature	Fundamental (A)	Faculty of Science
17	A-STE-125	Elias Saion	Quantum Mechanical Analysis of Metal Nanoparticles	Fundamental (A)	Faculty of Science
18	A-STE-126	Elias Saion	Radiation Induced Synthesis of Size Controlled Metal Nanoparticles	Fundamental (A)	Faculty of Science
19	A-STE-127	Fakhrul Razi Ahmadun	Bioremediation of Crude Oil Contaminated Soil with Solid Polymer Partitioning Bioreactor	Fundamental (A)	Faculty of Engineering
20	A-STE-128	Faridah Abas	Antioxidant and Xanthine Oxidase Inhibitory Activities of <i>Persicaria Hydropiper</i>	Fundamental (A)	Institute of Bioscience
21	A-STE-129	Fatimah Md. Yusoff	First Report on Population Characteristics and Fecundity of Long-Spined Sea Urchin, <i>Diadema setosum</i> from Peninsular Malaysia	Fundamental (A)	Institute of Bioscience
22	A-STE-130	Gafurjan Ibragimov	An Evasion Differential Game Described by an Infinite System of 2-systems of Second Order	Fundamental (A)	Faculty of Science
23	A-STE-131	Gafurjan Ibragimov	Differential Games Described by Infinite System of Differential Equations of Second Order. The Case of Negative Coefficients	Fundamental (A)	Faculty of Science
24	A-STE-132	Gafurjan Ibragimov	A Pursuit-Evasion Differential Game with Many Pursuers and One Evader	Fundamental (A)	Faculty of Science
25	A-STE-133	Gafurjan Ibragimov	Solution of a Linear Pursuit-Evasion Game with Integral Constraints	Fundamental (A)	Institute of Mathematical Research

26	A-STE-134	Gafurjan Ibragimov	Solution of a Linear Pursuit-Evasion Game with Integral Constraints	Fundamental (A)	Institute of Mathematical Research
27	A-STE-135	Gwendoline Cheng Lian Ee	New Xanthenes from Stem Bark of Calophyllum Species	Fundamental (A)	Faculty of Science
28	A-STE-136	Gwendoline Cheng Lian Ee	New Pyranoxanthenes from Mesua Species	Fundamental (A)	Faculty of Science
29	A-STE-137	Habshah Midi	Robust Two Stage Estimator in Nonlinear Regression with Autocorrelated Errors	Fundamental (A)	Faculty of Science
30	A-STE-138	Habshah Midi	The Performance of Robust Multivariate Control Charts to Detect Small Shifts in Mean	Fundamental (A)	Faculty of Science
31	A-STE-139	Habshah Midi	The Identification of High Leverage Points in Logistic Regression Model	Fundamental (A)	Faculty of Science
32	A-STE-140	Habshah Midi	The Performance of Robust Mutual Information	Fundamental (A)	Faculty of Science
33	A-STE-141	Halimah binti Mohamed Kamari	Lead-Borotellurite Glasses: an X-ray Radiation Shielding	Fundamental (A)	Faculty of Science
34	A-STE-142	Halimah Mohamed Kamari	Magnetic Behaviour of $(\text{Fe}_2\text{O}_3)_x(\text{TeO}_2)_{1-x}$ Glass System Due to Iron Oxide	Fundamental (A)	Faculty of Science
35	A-STE-143	Han Chun Kwong	Government Transformation @ Critical Praxis	Fundamental (A)	Faculty of Economics and Management
36	A-STE-144	Haslina Ahmad	Kinetically Locked Metallomacrocycle as Potential Antitumor Agent	Fundamental (A)	Faculty of Science
37	A-STE-145	Hishamuddin Zainuddin	A Study of String Cosmological Models with Time Decaying Vacuum Energy Density	Fundamental (A)	Institute of Mathematical Research
38	A-STE-146	Ho Chai Ling	Transcriptomic Changes in the Root of Oil Palm (<i>Elaeis guineensis</i> Jacq.) upon Inoculation with <i>Bacillus Sphaericus</i> UPMB10	Fundamental (A)	Institute of Tropical Agriculture
39	A-STE-147	Intan Safinar Ismail	Chrotacumines E and F, Another 2 New Chromone Alkaloids from <i>Dysoxylum Acutangulum</i>	Fundamental (A)	Institute of Bioscience

PAMERAN REKA CIPTA, PENYELIDIKAN & INOVASI

KOMERSIALISASI INOVASI KE ARAH KELESTARIAN EKONOMI
DAN KESEJAHTERAAN KOMUNITI

40	A-STE-148	Jamilah Din	Software Reusability Model	Fundamental (A)	Faculty of Computer Science and Information Technology
41	A-STE-149	Jamilah Din	Software Quality Impact on Maintenance Process	Fundamental (A)	Faculty of Computer Science and Information Technology
42	A-STE-150	Janna Ong Abdullah	Unravelling and Exploiting Fragrance Pathways of Vanda Mimi Palmer	Fundamental (A)	Faculty of Biotechnology and Biomolecular Sciences
43	A-STE-151	Khamirul Amin Matori	Influence of ZnO on the Ultrasonic Velocity and Elastic Moduli of Soda Lime Silicate Glasses	Fundamental (A)	Faculty of Science
44	A-STE-152	Khamirul Amin Matori	Elastic Moduli Prediction and Correlation in Soda Lime Silicate Glasses Containing ZnO	Fundamental (A)	Faculty of Science
45	A-STE-153	Lim Kean Pah	Effect of Sintering Temperature on Magnetic and Magnetoresistive Effect in $(La,Pr)_{0.67}Ba_{0.33}MnO_3$ System	Fundamental (A)	Faculty of Science
46	A-STE-154	Mahendran Shitan	A First-Order Spatial Integer-Valued Autoregressive SINAR(1,1) Model	Fundamental (A)	Faculty of Science
47	A-STE-155	Mahendran Shitan	Time Series Properties of the Class of Generalized First-Order Autoregressive Processes with Moving Average Errors	Fundamental (A)	Institute of Mathematical Research
48	A-STE-156	Mahendran Shitan	Panel Cointegration Analysis and Generalized Causality Test of Hyv Boro Production of Six Different Districts of Bangladesh	Fundamental (A)	Institute of Mathematical Research
49	A-STE-157	Mahiran Basri	Self-assembly Behaviour of Alkylpolyglucosides (APG) in Mixed Surfactant-Stabilized Nanoemulsion System	Fundamental (A)	Faculty of Science
50	A-STE-158	Mansor Ahmad @ Ayob	Synthesis of Silver/montmorillonite Nanocomposites using Irradiation	Fundamental (A)	Faculty of Science

51	A-STE-159	Mansor Bin Ahmad @ Ayob	Synthesis and Characterization of Silver/Montmorillonite/Chitosan Bionanocomposites by Chemical Reduction Method and their Antibacterial Activities	Fundamental (A)	Faculty of Science
52	A-STE-160	Md. Sohel Rana	The Leverage Based Near - Neighbors Estimator for Linear Regression with Heteroscedastic Errors	Fundamental (A)	Faculty of Science
53	A-STE-161	Mohamad Rushdan Md Said	Addition Chain for Smooth Integers using Decomposition Method	Fundamental (A)	Institute of Mathematical Research
54	A-STE-162	Mohamed Othman	Enhanced IP Spoofing Defense through Clusted Interdomain Packet Filtering Strategy	Fundamental (A)	Faculty of Computer Science and Information Technology
55	A-STE-163	Mohamed Othman	Rated Window Method and Packet Size Differentiation Scheme for TCP Fairness Guarantee in IEEE 802.11 WLAN	Fundamental (A)	Faculty of Computer Science and Information Technology
56	A-STE-164	Mohamed Othman	An Optimum Free-Table Routing Algorithms of Modified and Traditional Chordal Ring Networks of Degree Four	Fundamental (A)	Institute of Mathematical Research
57	A-STE-165	Mohd Arif Syed	Biodegradation of Keratinous Feather Waste by Bacillus sp. khayat	Fundamental (A)	Faculty of Biotechnology and Biomolecular Sciences
58	A-STE-166	Mohd Aspollah Sukari	Larvicidal Effect of Some Selected Curcuma and Kaempferia Rhizome Extracts against Dengue Fever Mosquito Aedes Aegypti Linnaeus	Fundamental (A)	Faculty of Science
59	A-STE-167	Mohd Aspollah Sukari	Kaempferol: A New Polyoxygenated Abietene Diterpene and Other Constituents from Kaempferia Angustifolia Rosc.	Fundamental (A)	Faculty of Science
60	A-STE-168	Mohd Basyaruddin Abdul Rahman	Proline-Based Chiral Ionic Liquids for Asymmetric Reactions : The Simplest 'Enzyme'?	Fundamental (A)	Faculty of Science

PAMERAN REKA CIPTA, PENYELIDIKAN & INOVASI

KOMERSIALISASI INOVASI KE ARAH KELESTARIAN EKONOMI
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61	A-STE-169	Mohd Hasan Selamat	Descriptive Complexity of Tree Controlled Grammars	Fundamental (A)	Faculty of Computer Science and Information Technology
62	A-STE-170	Mohd Zobir Hussein	Synthesis and Characterization of [4-(2,4-Dichlorophenoxybutyrate)-Zinc Layered Hydroxide] Nanohybrid	Fundamental (A)	Faculty of Science
63	A-STE-171	Mohd Zobir Hussein	Gallate-Zn-Al-layered Double Hydroxide as an Intercalated Compound with New Controlled Release Formulation of Anticarcinogenic Agent	Fundamental (A)	Faculty of Science
64	A-STE-172	Mohd Zobir Hussein	Effect of Polyvinyl Alcohol Addition on the physicochemical Properties of ZnO Synthesised by Ethylene Glycol-Hydrothermal Method	Fundamental (A)	Faculty of Science
65	A-STE-173	Mohd Zobir Hussein	Synthesis and characterization of Hippurate-Layered Double Hydroxide Nanohybrid and Investigation of its Release Property	Fundamental (A)	Faculty of Science
66	A-STE-174	Mohd Zobir Hussein	Effect of Incoming and Outgoing Exchangeable Anions on the Release Kinetics of Phenoxyherbicides Nanohybrids	Fundamental (A)	Faculty of Science
67	A-STE-175	Mohd Zobir Hussein	Synthesis of phenoxyherbicides- Intercalated Layered Double Hydroxide Nanohybrids and their Controlled Release Property	Fundamental (A)	Faculty of Science
68	A-STE-176	Mohd Zobir Hussein	Inorganic-Based Phytohormone Delivery Vector of 2-Chloroethylphosphonate Nanohybrid, a new Stimulating Compound with Controlled Release Property to Increase Latex Production	Fundamental (A)	Faculty of Science
69	A-STE-177	Muhamad Taufik Abdullah	Concept-based Query Translation using Malay-English Bilingual Dictionary	Fundamental (A)	Faculty of Computer Science and Information Technology
70	A-STE-178	Muhammad Nazrul Hakim	Anti-Bacterial and Anti-Fungal Activity of Leaves from <i>Acalypha Indica</i> Linn. (Euphorbiaceae)	Fundamental (A)	Sports Academy
71	A-STE-179	Muhammad Nazrul Hakim	Development of Liposomal Encapsulation for Piroxicam	Fundamental (A)	Sports Academy

72	A-STE-180	Muhammad Nazrul Hakim	Polypeptide-k Accelerate the Reduction of Blood Glucose Level in Healthy Adults	Fundamental (A)	Sports Academy
73	A-STE-181	Muhammad Nazrul Hakim Abdullah	Piroxicam Nano-Encapsulation: Preparation and In-Vitro Characterisation	Fundamental (A)	Sports Academy
74	A-STE-182	Napsiah Ismail	Development of Decision Support System for Warehouse Layout Problem	Fundamental (A)	Faculty of Engineering
75	A-STE-183	Napsiah Ismail	Facility Layout Problems in Cellular Manufacturing Systems	Fundamental (A)	Faculty of Engineering
76	A-STE-184	Napsiah Ismail	Formation of Capability-Based Virtual Cellular Manufacturing Systems (CBVCMs) in Dual-Resource Constrained (DRC) Settings over Semi Distributed Layouts (SDLs)	Fundamental (A)	Faculty of Engineering
77	A-STE-185	Napsiah Ismail	Development of Signal Processing Algorithm for Effective Ultrasonic NDE on Multi-Layered Composite Materials	Fundamental (A)	Institute of Advanced Technology
78	A-STE-186	Nik Mohd Asri Nik Long	General Analytical Solution for Stress Intensity Factor of a Hypocycloid Hole with Many Cusps in an Infinite Plate	Fundamental (A)	Institute of Mathematical Research
79	A-STE-187	Nik Mohd Asri Nik Long	Computation of Energy Release Rates for a Nearly Circular Crack	Fundamental (A)	Institute of Mathematical Research
80	A-STE-188	Noor Akma Ibrahim	Estimation of Semiparametric Model for Correlated Nominal Data	Fundamental (A)	Institute of Mathematical Research
81	A-STE-189	Noor Akma Ibrahim	Credibility Models with Dependence Induced by Common Effects and their Applications in Bank Branch Performance Prediction	Fundamental (A)	Institute of Mathematical Research
82	A-STE-190	Nor Azowa Ibrahim	Effect of Organoclay on Poly(Butylenesuccinate)/Poly(Butylene Adipate-Co-Terephthalate) Nanocomposites	Fundamental (A)	Faculty of Science
83	A-STE-191	Nor Azowa Ibrahim	Modification of Poly vinyl Chloride using Poly(Butylene Adipate-Co-Terephthalate)	Fundamental (A)	Faculty of Science
84	A-STE-192	Nor Fadzillah Mohd Mokhtar	Stability Analysis of Marangoni Convection in Superposed Layers of Fluid and Saturated Porous Medium in the Presence of Internal Heat Generation	Fundamental (A)	Faculty of Science

PAMERAN REKA CIPTA, PENYELIDIKAN & INOVASI

KOMERSIALISASI INOVASI KE ARAH KELESTARIAN EKONOMI
DAN KESEJAHTERAAN KOMUNITI

85	A-STE-193	Nor Kamariah Noordin	The Seamless Vertical Handover Between UMTS and WLAN by using Hybrid Scheme of Bi-mSCTP in Mobile IP	Fundamental (A)	Faculty of Engineering
86	A-STE-194	Nor Kamariah Noordin	Adaptive Real Time Wireless Data Transmission using Superposition Coding with Feedback of Channel State Information	Fundamental (A)	Faculty of Engineering
87	A-STE-195	Noraini Che Pa	Bridging the Communication Gap - Software Requirement Elicitation	Fundamental (A)	Faculty of Computer Science and Information Technology
88	A-STE-196	Norazak Senu	A 4(3) Pair Runge-Kutta-Nystr�m Method for Periodic Initial Value Problems	Fundamental (A)	Faculty of Science
89	A-STE-197	Norazak Senu	A New Diagonally Implicit Runge-Kutta-Nystr�m Method for Periodic IVPs	Fundamental (A)	Institute of Mathematical Research
90	A-STE-198	Norfifah Bachok	Boundary-Layer Flow of Nanofluids over a Moving Surface in a Flowing Fluid	Fundamental (A)	Faculty of Science
91	A-STE-199	Norfifah Bachok	Melting Heat Transfer in Boundary Layer Stagnation-Point Flow towards a Stretching/Shrinking Sheet	Fundamental (A)	Faculty of Science
92	A-STE-200	Norfifah Bachok	Flow and Heat Transfer at a General Three-Dimensional Stagnation Point in a Nanofluid	Fundamental (A)	Institute of Mathematical Research
93	A-STE-201	Norfifah Bachok	Mixed Convection Boundary Layer Flow Near the Stagnation Point on a Vertical Surface Embedded in a Porous Medium with Anisotropy Effect	Fundamental (A)	Institute of Mathematical Research
94	A-STE-202	Norihan Md Arifin	Thermosolutal Marangoni Forced Convection Boundary Layer	Fundamental (A)	Institute of Mathematical Research
95	A-STE-203	Norihan Md. Arifin	MHD Mixed Convection Boundary Layer Flow towards a Stagnation Point on a Vertical Surface with Induced Magnetic Field	Fundamental (A)	Faculty of Science
96	A-STE-204	Norihan Md. Arifin	Marangoni Boundary Layer Flow in Nanofluids	Fundamental (A)	Faculty of Science

97	A-STE-205	Russly Abdul Rahman	Osmotic Dehydration of Seedless Guava (<i>Psidium Guajava L.</i>) : Influence of Thermal and Nonthermal Treatments	Fundamental (A)	Faculty of Food Science and Technology
98	A-STE-206	Russly Abdul Rahman	Ultrasound Extraction of Valuable Compunds from Winter Melon (<i>Benincasa Hispida</i>) Seeds	Fundamental (A)	Faculty of Food Science and Technology
99	A-STE-207	S. M. Nurul Amin	Stock Status and Management of Planktonic Shrimps Acetes for Sustainable Livelihood of Small Scale Coastal Fishermen in Malaysia	Fundamental (A)	Faculty of Agriculture
100	A-STE-208	S. M. Nurul Amin	Species Composition and Seasonal Variation of Set Bag Net (SBN) Catches in the Coastal Waters of Kedah	Fundamental (A)	Faculty of Agriculture
101	A-STE-209	Shamala Subramaniam	Cohesive Token Passing Algorithm Utilizing Software Agents	Fundamental (A)	Faculty of Computer Science and Information Technology
102	A-STE-210	Sidek Hj Ab Aziz	New Zinc Oxyfluorotellurite Glass for Optical Devices	Fundamental (A)	Faculty of Science
103	A-STE-211	Sidek Hj Ab Aziz	Synthesis and Physical Characterization of Silica Based Glass from Rice Husk	Fundamental (A)	Faculty of Science
104	A-STE-212	Sidek Hj Ab Aziz	Physical Studies of Borotellurite Glass Doped with Manganese	Fundamental (A)	Faculty of Science
105	A-STE-213	Sidek Hj Ab Aziz	Ultrasonic Study of Rare-Earth Doped GeO ₂ -PbO-Bi ₂ O ₃ Glass	Fundamental (A)	Faculty of Science
106	A-STE-214	Siti Nor Akmar Abdullah	New Insights into the Fruit-specific Regulated and Abiotic Stress-Responsive Gene Expression in Oil Palm	Fundamental (A)	Institute of Tropical Agriculture
107	A-STE-215	Suriya Kumari Ramiah	Seroprevalence and Risk Factors for Influenza a Viruses in Pigs in Peninsular Malaysia	Fundamental (A)	Institute of Tropical Agriculture
108	A-STE-216	Syamsiah Mashohor	Committee Neural Networks with Fuzzy Genetic Algorithm	Fundamental (A)	Faculty of Engineering
109	A-STE-217	Taufiq Yap Yun Hin	A Method of Producing Biodiesel Using Heterogeneous Catalytic System	Fundamental (A)	Faculty of Science

PAMERAN REKA CIPTA, PENYELIDIKAN & INOVASI

KOMERSIALISASI INOVASI KE ARAH KELESTARIAN EKONOMI
DAN KESEJAHTERAAN KOMUNITI

110	A-STE-218	Taufiq Yap Yun Hin	Influences of Various Metal Dopants on the Nanosized Vanadium Phosphate Catalysts	Fundamental (A)	Faculty of Science
111	A-STE-219	Taufiq Yap Yun Hin	Calcium-Based Mixed Oxide Catalysts for Methanolysis of Jatropha Curcas Oil to Biodiesel	Fundamental (A)	Faculty of Science
112	A-STE-220	W. Mahmood Mat Yunus	Detection of Heavy Metal Ions using Surface Plasmon Resonance Spectroscopy	Fundamental (A)	Faculty of Science
113	A-STE-221	Yus Aniza Yusof	Processing of Pitaya Fruit Powder	Fundamental (A)	Faculty of Engineering
114	A-STE-222	Zainal Abidin Talib	X-Ray Diffraction Analysis of Thermally Evaporated Copper Tin Selenide Thin Films at Different Annealing Temperature	Fundamental (A)	Faculty of Science
115	A-STE-223	Zainal Abidin Talib	Structural, Morphology and Electrical Properties of Layered Copper Selenide Thin Film	Fundamental (A)	Faculty of Science
116	A-STE-224	Zainal Abidin Talib	Effects of ZnO on Dielectric Properties and Electrical Conductivity of Ternary Zinc Magnesium Phosphate Glasses	Fundamental (A)	Faculty of Science
117	A-STE-225	Zainal Abidin Talib	Photoacoustic Characterization of CuSe Metal Chalcogenide Semiconductor using Phase Signal Analysis	Fundamental (A)	Faculty of Science
118	A-STE-226	Zainidin Eshkuvatov	Approximating the Singular Integrals of Cauchy Type with Weight Function on The Interval	Fundamental (A)	Faculty of Science
119	A-STE-227	Zanariah Abdul Majid	Solving Directly Two Point Boundary Value Problems using Direct Multistep Method	Fundamental (A)	Institute of Mathematical Research
120	A-STE-228	Zarina Bibi Ibrahim	Multiblock Backward Differentiation Formulas for Solving Ordinary Differential Equations	Fundamental (A)	Faculty of Science
121	A-STE-229	Zeenathul Nazariah Allaudin	Use of Suicide Gene Therapy for Cancer Treatment	Fundamental (A)	Faculty of Veterinary Medicine
122	A-STE-230	Zuriati Ahmad Zukarnain	On the Delay and Link Utilization with the New-Additive Increase Multiplicative Decrease Congestion Avoidance and Control Algorithm	Fundamental (A)	Faculty of Computer Science and Information Technology

123	B-STE-207	Abd Wahid Haron	Selection of Immature Bovine Oocytes using Brilliant Cresyl Blue Enhances Nuclear Maturity after Vitrification	Applied Research (B)	Faculty of Veterinary Medicine
124	B-STE-208	Abd Wahid Haron	Ghrelin Improves the Development of Bovine Preimplantation Embryos In Vitro	Applied Research (B)	Faculty of Veterinary Medicine
125	B-STE-209	Abdul Halim Ghazali	Effects of Drying and Salt Extraction of Moringa Oleifera on Its Coagulation of High Turbidity Water	Applied Research (B)	Faculty of Engineering
126	B-STE-210	Abdul Rashid Mohamed Shariff	Oil Palm Spectrum Nutrient Sensing	Applied Research (B)	Faculty of Engineering
127	B-STE-211	Anuar Kassim	A novel Ti(III) Membrane Sensor Based on a New Tripodal Ligand for the Monitoring of Ti(III) Ions	Applied Research (B)	Faculty of Science
128	B-STE-212	Anwar Fitrianto	Estimating Bias and RMSE of Indirect Effects using Rescaled Residual Bootstrap in Mediation Analysis	Applied Research (B)	Faculty of Science
129	B-STE-213	Azmi Zakaria	Fabrication of Silver Nanoparticles Dispersed in Palm Oil using Laser Ablation	Applied Research (B)	Faculty of Science
130	B-STE-214	Borhanuddin Mohd Ali	Optimized Network Mobility in WiMAX Network to Support Real Time Application	Applied Research (B)	Faculty of Engineering
131	B-STE-215	Chin Nyuk Ling	Kitchen Waste Mixture Formulation for Optimised Composting	Applied Research (B)	Faculty of Engineering
132	B-STE-216	Chin Nyuk Ling	Ultrasound Bath Aided Mixing of Cake Batter	Applied Research (B)	Faculty of Engineering
133	B-STE-217	Yusmadi Yah Jusoh	Project Performance Measurement System	Applied Research (B)	Faculty of Computer Science and Information Technology
134	B-STE-218	Edi Syams Zainudin	Green Composite derived from Unplasticized Polyvinyl Chloride	Applied Research (B)	Institute of Tropical Forestry and Forest Products
135	B-STE-219	Elias Saion	A Simple Thermal Treatment Method for Synthesis Ferrite Nanoparticles	Applied Research (B)	Faculty of Science

PAMERAN REKA CIPTA, PENYELIDIKAN & INOVASIKOMERSIALISASI INOVASI KE ARAH KELESTARIAN EKONOMI
DAN KESEJAHTERAAN KOMUNITI

136	B-STE-220	Fatimah Sidi	A Threshold-based Combination of Semantic and String Similarity Measures for Record Linkage	Applied Research (B)	Faculty of Computer Science and Information Technology
137	B-STE-221	Habshah Midi	The Effect of Collinearity-influential Observations on Collinear Data Set	Applied Research (B)	Institute of Mathematical Research
138	B-STE-222	Habshah Midi	Change Point Detection with Robust Control Chart	Applied Research (B)	Institute of Mathematical Research
139	B-STE-223	Hashim Hizam	Power Flow Analysis and DG Optimization Tool	Applied Research (B)	Faculty of Engineering
140	B-STE-224	Hashim Hizam	Available Transfer Capability Determination for Power System Planning using Krylov Subspace Method	Applied Research (B)	Faculty of Engineering
141	B-STE-225	Khalina Abdan	Kenaf Nanofiber/Poly(lactic Acid) (PLA) Nanocomposite	Applied Research (B)	Institute of Tropical Forestry and Forest Products
142	B-STE-226	Khalina Abdan	Feasibility of Biocomposite Processing in Manufacturing Industries	Applied Research (B)	Institute of Tropical Forestry and Forest Products
143	B-STE-227	Khalina Abdan	High Moisture Durability of Moulded Biocomposite	Applied Research (B)	Institute of Tropical Forestry and Forest Products
144	B-STE-228	Khozirah Shaari	3-PDOA and 3-IDOA: Two Marine Natural Product Compounds with Potent Anticancer Properties from the Sponge Aaptos	Applied Research (B)	Institute of Bioscience
145	B-STE-229	Khozirah Shaari	Quantitative HPLC Analysis of Benzene Derivatives of Melicope Ptelefolia Leaves	Applied Research (B)	Institute of Bioscience
146	B-STE-230	Maheran Abd Aziz	In Vitro Plant Regeneration and Acclimatisation of Brassica Oleracea Subsp. Italica cv. Green Marvel	Applied Research (B)	Institute of Tropical Agriculture

147	B-STE-231	Maheran Abd Aziz	Optimization of Agrobacterium Tumefaciens-Mediated Transformation and Shoot Regeneration After Co-Cultivation of Cabbage cv. KY Cross with AtHSP101 Gene	Applied Research (B)	Faculty of Agriculture
148	B-STE-232	Md Jelas Haron	Antibacterial Activity of Fatty Hydroxamic Acids Derivatives Synthesized from Vegetable Oils	Applied Research (B)	Faculty of Science
149	B-STE-233	Md. Sohel Rana	Justification of Binary Logistic Regression Model in Data Analysis	Applied Research (B)	Faculty of Science
150	B-STE-234	Mohamed Othman	Network Load and Packet Loss Optimization during Handoff using Multi-scan Approach	Applied Research (B)	Faculty of Computer Science and Information Technology
151	B-STE-235	Mohamed Othman	Field Programmable Gate Arrays (FPGAs) based Systolic Modified Explicit Group Core	Applied Research (B)	Faculty of Computer Science and Information Technology
152	B-STE-236	Mohamed Othman	Royal Associativity Clustering Technique for Ad Hoc Routing Protocol	Applied Research (B)	Faculty of Computer Science and Information Technology
153	B-STE-237	Mohamed Othman	Shortcoming, Problems and Analytical Comparison for Flooding-based Search Techniques in Unstructured P2P Networks	Applied Research (B)	Faculty of Computer Science and Information Technology
154	B-STE-238	Mohamed Othman	Performance Evaluation for Simultaneous and Successive Mobility for Mobile IPv6	Applied Research (B)	Faculty of Computer Science and Information Technology
155	B-STE-239	Mohd Adzir Mahdi	Enhanced Secondary Pumping Scheme for Remote L-band EDFA	Applied Research (B)	Faculty of Engineering
156	B-STE-240	Mohd Adzir Mahdi	Continuously Tunable All Fiber Comb Filter Based on a Mach-Zehnder Interferometer	Applied Research (B)	Faculty of Engineering
157	B-STE-241	Mohd Basyaruddin Abdul Rahman	Towards Efficacy of Lignocellulosic Biomass Utilization by Ionic Liquids	Applied Research (B)	Faculty of Science

PAMERAN REKA CIPTA, PENYELIDIKAN & INOVASI

KOMERSIALISASI INOVASI KE ARAH KELESTARIAN EKONOMI
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158	B-STE-242	Mohd Hafis Ahmad Shukri	Inexpensive GIS Web Application to Visualize Elderly Driver in Traffic Collision	Applied Research (B)	Institute of Gerontology
159	B-STE-243	Muhammad Rezal Dato' Kamel Ariffin	AA_{beta}-Shield-An Efficient Cryptographic And Secure Data Transmission Implementation	Applied Research (B)	Institute of Mathematical Research
160	B-STE-244	Norwati Mustapha	Intrusion Detection System with Data Stream Clustering Approach	Applied Research (B)	Faculty of Computer Science and Information Technology
161	B-STE-245	Puziah Abdul Latif	Removal of Hydrogen Sulfide by Physico-Biofiltration Using Biofilm and Rice Husk Media	Applied Research (B)	Faculty of Environmental Studies
162	B-STE-246	Rahmita Wirza O.K. Rahmat	Automatic Boundary Detection of Wall Motion in Two-dimensional Echocardiography Images	Applied Research (B)	Faculty of Computer Science and Information Technology
163	B-STE-247	Rahmita Wirza O.K. Rahmat	Measuring Right Ventricle Stroke Volume Using 3D full Volume	Applied Research (B)	Faculty of Computer Science and Information Technology
164	B-STE-248	Rahmita Wirza O.K. Rahmat	3D Depth Measurement using Images via Rotational Optical Flow Magnitude.	Applied Research (B)	Faculty of Computer Science and Information Technology
165	B-STE-249	Raja Noor Zaliha Raja Abd. Rahman	L2 Lipase: Thermostable Enzyme for Industrial Applications	Applied Research (B)	Faculty of Biotechnology and Biomolecular Sciences
166	B-STE-250	Ravshan Ashurov	Nonseparable Wavelet Transforms and Application to Image Fusion	Applied Research (B)	Institute of Advanced Technology
167	B-STE-251	Robiah Yunnus	A Technology to Produce Encapsulated Nanoparticles for Controlled Release of Drugs	Applied Research (B)	Institute of Advanced Technology

168	B-STE-252	Rosfarizan Mohamad	Lipase-Catalyzed Synthesis of Palm-Based Kojic Acid Ester	Applied Research (B)	Faculty of Biotechnology and Biomolecular Sciences
169	B-STE-253	Rosnah Mohd Yusuff	Aggregating Group MCDM Problems Using a Fuzzy Delphi Model for Personnel Performance Appraisal	Applied Research (B)	Faculty of Engineering
170	B-STE-254	Rosnah Mohd. Yusuff	Developing a Fuzzy MCDM Model Based on Linguistic Reasoning for Personnel Selection	Applied Research (B)	Faculty of Engineering
171	B-STE-255	Rosnah Mohd. Yusuff	Assessment System Based on Fuzzy Scoring in EFQM Business Excellence Model	Applied Research (B)	Faculty of Engineering
172	B-STE-256	Salmiaton Ali	Syngas Production from Empty Fruit Bunch Gasification with Malaysian Dolomites as Downstream Catalyst	Applied Research (B)	Faculty of Engineering
173	B-STE-257	Shamsuddin Sulaiman	Mechanical Properties Improvement of Metal Matrix (MMC) by Vibration Mould Casting Process	Applied Research (B)	Faculty of Engineering
174	B-STE-258	Shyamala Doraisamy	Heart Sounds Musical Transcription	Applied Research (B)	Faculty of Computer Science and Information Technology
175	B-STE-259	Siti Nor Akmar Abdullah	Functional Operation of an Eukaryotic Promoter from the Oil Palm in Prokaryotes	Applied Research (B)	Institute of Tropical Agriculture
176	B-STE-260	Tan Kar Ban	Synthesis and Electrical Properties of Non-stoichiometric Bismuth Copper Tantalate (BCT) Pyrochlores	Applied Research (B)	Faculty of Science
177	B-STE-261	Tan Kar Ban	Synthesis and Characterization of New Pyrochlores in Bi ₂ O ₃ -MgO-Ta ₂ O ₅ Ternary System	Applied Research (B)	Faculty of Science
178	B-STE-262	Tan Yen Ping	Synthesis and Characterization of Yttrium-doped Ceria for Potential Solid Oxide Fuel Cell Application	Applied Research (B)	Faculty of Science
179	B-STE-263	Teh Noranis Mohd Aris	Application of Graph Algorithms for Computing Mechanical Properties of Fullerene C ₇₀ Nanoparticle	Applied Research (B)	Faculty of Computer Science and Information Technology

PAMERAN REKA CIPTA, PENYELIDIKAN & INOVASI

KOMERSIALISASI INOVASI KE ARAH KELESTARIAN EKONOMI
DAN KESEJAHTERAAN KOMUNITI

180	B-STE-264	Tengku Sharifah Marliza Tengku Azmi	Determination of Vanadium(IV) and Vanadium(V) in Benfield Samples by IEC with Conductivity Detection	Applied Research (B)	Faculty of Science
181	B-STE-265	Wan Md Zin Wan Yunus	Enhancement of Tensile Strength and Flexibility of Polycaprolactone/Tapioca Starch Blends by Octadecylamine Modified Clay	Applied Research (B)	Faculty of Science
182	B-STE-266	Wan Zin Wan Yunus	Prediction of Grain Size, Thickness and Absorbance of Nanocrystalline Tin Oxide Thin Film by Taguchi Robust Design	Applied Research (B)	Faculty of Science
183	B-STE-267	Zanariah Abdul Majid	Parallel Block Method using MPI on High Performance Computing	Applied Research (B)	Faculty of Science
184	B-STE-268	Zarina Bibi Ibrahim	Extended BBDF- Efficient Solver for Solving Stiff Ordinary Differential Equations	Applied Research (B)	Faculty of Science
185	B-STE-269	Zeenathul Nazariah Allaudin	Enhancement of HBV Antigen Production by Feeding Glycerol in Methanol Induction Phase in Recombinant Yeast Technology	Applied Research (B)	Faculty of Veterinary Medicine
186	B-STE-270	Zulkarnain Zainal	Electrochemical Synthesis of Titania Nanotubes (TNT) for Photoelectrochemical Cell	Applied Research (B)	Faculty of Science
187	B-STE-271	Zuriati Ahmad Zukarnain	Applying Packet Generator for Secure Network Environment	Applied Research (B)	Faculty of Computer Science and Information Technology
188	B-STE-272	Zurina Zainal Abidin	Jatropha Curcas as Potential Biocoagulant for Wastewater Treatment	Applied Research (B)	Faculty of Engineering
189	C-STE-21	Abd. Rahim Abu Talib	Multifunction Disposable Safety Syringe	Product / Innovation (C)	Faculty of Engineering
190	C-STE-22	Abdul Halim Shaari	Low cost Internet-Based Instrumentation System for Hall Effect Measurement	Product / Innovation (C)	Faculty of Science
191	C-STE-23	Abdul Rashid Mohamed Shariff	Alzheimer's-Real Time Location System (A-RTLs)	Product / Innovation (C)	Institute of Gerontology
192	C-STE-24	Ahmad Rizal Abdul Rahman	Cyclitic	Product / Innovation (C)	Faculty of Design and Architecture

193	C-STE-25	Ahmad Rizal Abdul Rahman	CMLUU - Functional Furniture for Central Market	Product / Innovation (C)	Faculty of Design and Architecture
194	C-STE-26	Ahmad Rodzi Mahmud	Alternative Procedure of the Sales Comparison Method (SCM) for Valuing Properties	Product / Innovation (C)	Institute of Advanced Technology
195	C-STE-27	Baharudin Suarnur	Furniture for Speech	Product / Innovation (C)	Faculty of Design and Architecture
196	C-STE-28	Bakri Bakar	Power Buoy	Product / Innovation (C)	Faculty of Design and Architecture
197	C-STE-29	Barkawi sahari	Tank Mounting Bracket for Natural Gas Vehicle	Product / Innovation (C)	Institute of Advanced Technology
198	C-STE-30	Borhanuddin Mohd Ali	Low Complexity Peak-to-Average Power Ratio Reduction with Digital Predistortion in Orthogonal Frequency Division Multiplexing Systems	Product / Innovation (C)	Faculty of Engineering
199	C-STE-31	Edi Syams Zainudin	Green Material for Industrial Building System	Product / Innovation (C)	Institute of Tropical Forestry and Forest Products
200	C-STE-32	Edi Syams Zainudin	Potential of Pineapple Leaves Fibres as a Substitute to glass Fibre in Hybridized Composites	Product / Innovation (C)	Institute of Tropical Forestry and Forest Products
201	C-STE-33	Edi Syams Zainudin	Reduction of Water Uptake of Composite through Hybridization	Product / Innovation (C)	Institute of Tropical Forestry and Forest Products
202	C-STE-34	Ezrin Mohd Husin	SOILPROP: Soil Properties Mapping System using Apparent Electrical Conductivity Sensor	Product / Innovation (C)	Institute of Advanced Technology
203	C-STE-35	Faizal Mustapha	Portable Health Monitoring Equipment for Mechanical Testing Jig .	Product / Innovation (C)	Faculty of Engineering
204	C-STE-36	Hasry Yunardi Hassan	MIMESIS - Functional Sculpture for Sultan Salahudin Abdul Aziz Shah Cultural And Art Hall, Universiti Putra Malaysia.	Product / Innovation (C)	Faculty of Design and Architecture

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205	C-STE-37	Hasry Yunardi Hassan	Safety Mask for Pesticides Activity	Product / Innovation (C)	Faculty of Design and Architecture
206	C-STE-38	Luqman Chuah Abdullah	Building Products Having Phase Change Materials	Product / Innovation (C)	Institute of Tropical Forestry and Forest Products
207	C-STE-39	Luqman Chuah Abdullah	Modified Biomass Chemisorbent for Dyes Removal	Product / Innovation (C)	Institute of Tropical Forestry and Forest Products
208	C-STE-40	Luqman Chuah Abdullah	Synthesis of Nanometer-Sized Ceramic Particles	Product / Innovation (C)	Institute of Tropical Forestry and Forest Products
209	C-STE-41	Md Zuki Abu Bakar@Zakaria	Method for Producing Calcium Carbonate Nanoparticles	Product / Innovation (C)	Faculty of Veterinary Medicine
210	C-STE-42	Mohamizzam Mohammad	Sport Protection Suit	Product / Innovation (C)	Faculty of Design and Architecture
211	C-STE-43	Mohd Faiz Yahaya	Multiple Placement Stage for Microscope	Product / Innovation (C)	Faculty of Design and Architecture
212	C-STE-44	Mohd Faiz Yahaya	CAMO (Military Medical Pack)	Product / Innovation (C)	Faculty of Design and Architecture
213	C-STE-45	Mohd Faiz Yahaya	Save Me (Fire Extinguisher)	Product / Innovation (C)	Faculty of Design and Architecture
214	C-STE-46	Mohd Khairul Anuar Mohd Ariffin	Simulation of Thermoset Injection Moulding For Bulk Moulding Compounds (BMC)	Product / Innovation (C)	Faculty of Engineering
215	C-STE-47	Nik Aizan Nik Abdullah	Beledo (Bench)	Product / Innovation (C)	Faculty of Design and Architecture
216	C-STE-48	Norman Mariun	Design and Development of a Reliable and Efficient Staircase-Output Multi-Level Inverter for Photovoltaic Applications	Product / Innovation (C)	Faculty of Engineering

217	C-STE-49	Nurfadhlina Mohd Sharef	FText: Fuzzy Text Extractor	Product / Innovation (C)	Faculty of Computer Science and Information Technology
218	C-STE-50	Rahmita Wirza O.K. Rahmat	Automated System for Identification and Quantification of Lesions in Coronary Arteriograms	Product / Innovation (C)	Faculty of Computer Science and Information Technology
219	C-STE-51	Razman Ramli	Personal Alarm for Kids	Product / Innovation (C)	Faculty of Design and Architecture
220	C-STE-52	Rosnah Shamsudin	A Rolled Tart Machine	Product / Innovation (C)	Faculty of Engineering
221	C-STE-53	Rosnah Shamsudin	Multi-Ezy Cutter	Product / Innovation (C)	Faculty of Engineering
222	C-STE-54	Sa'ari Mustapha	Web-based Affinity Precipitation Simulation System	Product / Innovation (C)	Faculty of Engineering
223	C-STE-55	Sazrinee Zainal Abidin	Compost Sanitary Product Bin	Product / Innovation (C)	Faculty of Design and Architecture
224	C-STE-56	Sazrinee Zainal Abidin	Jumble Candy Packaging (Reusable Packaging for Indian Sweets)	Product / Innovation (C)	Faculty of Design and Architecture
225	C-STE-57	Shahrul Azman Shahbudin	Disposeable Food Container	Product / Innovation (C)	Faculty of Design and Architecture
226	C-STE-58	Siti Nooradzah Adam	Digital Hyperspectral Library of Materials	Product / Innovation (C)	Institute of Advanced Technology
227	C-STE-59	Suraya Abdul Rashid	Production of High Strength Concrete using SiO ₂ Nanoparticles and Agro-Waste Rice Husk Ash	Product / Innovation (C)	Faculty of Engineering
228	C-STE-60	Wan Md Zin Wan Yunus	Chemical Bath Deposition of Tin Oxide Thin Film Solar Cell	Product / Innovation (C)	Faculty of Science
229	C-STE-61	Zalinalah Ahmad	Diabetes Gene Therapy in Vitro Study using Nutrients Regulated Promoter	Product / Innovation (C)	Institute of Bioscience

SENARAI SEKOLAH YANG MENYERTAI MINI PRPI 2011

No.	Nama Sekolah	Nama Rekacipta
1	Sekolah Menengah Sains Tengku Muhammad Faris Petra	Halal Soap
2	Sekolah Menengah Vokasional Kluang	Portable Solar Charger
3	Sekolah Menengah Sains Sultan Haji Ahmad Shah, Pekan	Xtra-Ts
4	Sekolah Menengah Vokasional Tanjung Puteri, Johor Bahru	S-Auto Kit
5	Maktab Rendah Sains Mara Muadzam Shah, Pahang	Eggs Separator
6	Sekolah Menengah Teknik Sepang	Auto Hyjack
7	Sekolah Berasrama Penuh Integrasi Selandar	Kerusi Mandi Orang Kurang Upaya
8	Sekolah Menengah Vokasional Slim River	B-Grip (Brilliant Grip)
9	Sekolah Menengah Sains Alam Shah	Le Ride
10	Sekolah Menengah Sains Kuala Selangor	Diabetes Remedy Capsaicin (Dr. C)
11	Sekolah Menengah Teknik Klang	Multi Purpose Cutter
12	Sekolah Menengah Kebangsaan Victoria	Ziggy-The Multipurpose File Folder
13	Sekolah Menengah Teknik Perdagangan, Johor Bahru	Eazy Fail
14	Maktab Rendah Sains Mara Kuantan	Sea Saviour
15	Maktab Rendah Sains Mara Alor Gajah	Fire Retardant Paint
16	Sekolah Menengah Teknik (Pertanian) Teluk Intan	Bioremediator
17	Sekolah Menengah Sains Raja Tun Azlan Shah, Taiping	Kipas Pintar
18	Sekolah Menengah Teknik Tuanku Abdul Rahman Putra	Nail Plunger
19	Sekolah Sultan Alam Shah, Putrajaya	Reducing Air Pollution
20	Sekolah Menengah Teknik Tuanku Ja'afar Ampangan	Smart Hanger
21	Sekolah Menengah Teknik Kuala Lumpur	Qi-Find

22	Sekolah Menengah Vokasional Ert Setapak	Keropok D'soy
23	Maktab Rendah Sains Mara , Baling	Wireless Magnetic Energy Gaining Device
24	Sekolah Menengah Sains Tapah	Penjerapan Pencelup Biru Dari Air Sisa Kumbahan Menggunakan Arang Tandan Kosong Kelapa Sawit
25	Sekolah Menengah Kebangsaan Putrajaya Presint 9(1)	Aspa Organic
26	Sekolah Menengah Kebangsaan Seri Indah	Kid Fertigasi Bestari

PENGHARGAAN

Jawatankuasa induk PRPI 2011 ingin merakamkan ucapan terima kasih yang tidak terhingga kepada semua yang terlibat sama ada secara langsung atau tidak langsung dalam menjayakan PRPI 2011.

Pejabat Naib Canselor

Pejabat Timbalan Naib Canselor (Jaringan Industri dan Masyarakat)

Pejabat Bendahari

Pusat Pembangunan Maklumat dan Komunikasi (iDEC)

Pejabat Pemasaran dan Komunikasi (MarComm)

Bahagian Keselamatan (BK)

Pusat Kebudayaan dan Kesenian Sultan Salahuddin Abdul Aziz Shah (PKKSSAAS)

Pejabat Pembangunan dan Pengurusan Aset (PPPA)

Penerbit UPM

Pusat Kesihatan Universiti (PKU)

Taman Pertanian Universiti (TPU)

Fakulti / Pusat / Institut / Akademi / Sekolah

Penyelaras dan Panel-Panel Hakim

Pendaftar

Pusat Pengembangan, Keusahawanan Dan Pemajuan Profesional (APEEC)

Industri

Pusat Sains Negara

Sekolah-sekolah

Koperasi UPM

UPM R&D