

SENARAI KEPUTUSAN PERTANDINGAN PENYELIDIKAN DAN REKACIPTA (PEREKA) 2019

24 - 25 OKTOBER 2019 | DEWAN KULIAH PUSAT (DKP-2), UMS

KATEGORI: RESEARCH (PENYELIDIKAN)

BIL	NO. BOOTH	TAJUK	NAMA KETUA	NAMA AHLI	F/P/I	KLASIFIKASI	ANUGERAH
1	RA-01	Chemotaxonomy on Upland rice varieties from Sabah - A high-throughput, untargeted mass spectrometry based approach	DR. LUM MOK SAM	LING YEE SOON, MAK KEN HING, ANG HUI JUN, DEXTER LEE JIUNN HERNG	FPL	Biosciences, Forestry, Agriculture, Aquaculture, Food And Biotechnology	GANGSA
2	RA-03	3D-biodegradable hybrid sensing film	DR. ROVINA KOBUN	ASMA HANI MIZAN, NURUL SHAERA SULAIMAN, SU XIN YI	FSMP	Biosciences, Forestry, Agriculture, Aquaculture, Food And Biotechnology	EMAS
3	RA-04	Fractionation and characteristics of rambutan (Nephelium Lappaceum L.) seed fats and their potential applications as cocoa butter alternatives	DR. MD JAHURUL HAQUE AKANDA	AZZATUL FATONAH, NORAZLINA, NORLIZA BINTI JULMOHAMMAD, HASMADI BIN MAMAT, SHARIFUDIN MD. SHAARANI , PATRICIA @ PATRICIA CLEMENTINA MATANJUN, JUMARDI BIN ROSLAN, LEE JAU SHYA , MD JAHURUL HAQUE AKANDA	FSMP	Biosciences, Forestry, Agriculture, Aquaculture, Food And Biotechnology	PERAK
4	RA-05	Effects of drying methods on the characteristics of rambutan (Nephelium Lappaceum L.) seed fat: an optimisation approach	DR. MD JAHURUL HAQUE AKANDA	NORAZLINA, SHARIFUDIN MD. SHAARANI , HASMADI BIN MAMAT, LEE JAU SHYA , MANSOOR ABDUL HAMID, JUMARDI BIN ROSLAN, PATRICIA @ PATRICIA CLEMENTINA MATANJUN, MD JAHURUL HAQUE AKANDA, YING, L.N., AZZATUL, F.S.	FSMP	Biosciences, Forestry, Agriculture, Aquaculture, Food And Biotechnology	PERAK

5	RA-06	Characteristics of bambangan kernel fat fractions produced by solvent fractionation and their potential industrial applications	DR. MD JAHURUL HAQUE AKANDA	NORAZLINA, HASMADI BIN MAMAT, SHARIFUDIN MD. SHAARANI , MANSOOR ABDUL HAMID, LEE JAU SHYA , PATRICIA @ PATRICIA CLEMENTINA MATANJUN, AZZATUL FATONAH, NORLIZA BINTI JULMOHAMMAD, JUMARDI BIN ROSLAN	FSMP	Biosciences, Forestry, Agriculture, Aquaculture, Food And Biotechnology	PERAK
6	RA-07	Level of Knowledge and Acceptance of Halal Diet Among Non-Muslim Government Servants in Tanjung Likas, Sabah	PROFESSOR MADYA DR. MARIAM BINTI ABDUL LATIF	LEONG HUI SIN	FSMP	Biosciences, Forestry, Agriculture, Aquaculture, Food And Biotechnology	SIJIL
7	RA-08	Effect of technological properties of bambangan kernel fat and palm stearin blends and their applications in the chocolate industry	DR. MD JAHURUL HAQUE AKANDA	MD JAHURUL HAQUE AKANDA, LEE PING, HASMADI BIN MAMAT, SHARIFUDIN MD. SHAARANI , AZZATUL FATONAH, NORAZLINA, MANSOOR ABDUL HAMID, LEE JAU SHYA , AMIR HUSNI BIN MOHD SHARIFF	FSMP	Biosciences, Forestry, Agriculture, Aquaculture, Food And Biotechnology	PERAK
8	RA-09	The use of gamma radiation (Caesium-137) to enhance production of betulin in Clinacanthus nutans	PROFESSOR MADYA DR. ZALEHA BTE AZIZ	FLORISA LANDA, LEE PING CHIN	FSSA	Biosciences, Forestry, Agriculture, Aquaculture, Food And Biotechnology	PERAK
9	RA-10	Application of oil palm shell as constructed wetland media for the removal of copper, zinc and lead	DR. HARRY CHONG LYE HIN	PETRA ODETTE ABI	FSSA	Biosciences, Forestry, Agriculture, Aquaculture, Food And Biotechnology	PERAK
10	RA-11	Growth of Etlingera coccinea (Blume) S. Sakai & Nagam (Tuhau) in Smallholder Agroforestry Farm in Ranau,	PUAN MANDY MAID	BERHAMAN BIN AHMAD, NINA OTIE DOSUIL	FSSA	Biosciences, Forestry, Agriculture, Aquaculture, Food	GANGSA

		Sabah, Malaysia				And Biotechnology	
11	RA-12	Reproductive Biology of <i>Etlingera coccinea</i> (Blume) S. Sakai & Nagam (Tuhau) in Agroforestry System in Sabah, Malaysia	PUAN MANDY MAID	BERHAMAN BIN AHMAD, JULIUS BIN KODOH, WALTER LINTANGAH, NINA OTIE DOSUIL	FSSA	Biosciences, Forestry, Agriculture, Aquaculture, Food And Biotechnology	GANGSA
12	RA-13	Characterization of <i>Acacia mangium</i> polyurethane film at different isocyanate index and heating time using 2D-COS analysis	DR. ISMAWATI PALLE	NARUHITO HORI, AKIO TAKEMURA	FSSA	Biosciences, Forestry, Agriculture, Aquaculture, Food And Biotechnology	PERAK
13	RA-14	Modelling the Export Demand of Malaysian Palm Oil	DR. ASSIS BIN KAMU	NUR ALIYAH BINTI JAZULI WILAKSONO	FSSA	Biosciences, Forestry, Agriculture, Aquaculture, Food And Biotechnology	GANGSA
14	RA-15	Quantifying root interactions of young <i>Paraserianthes falcataria</i> (Batai) through direct visualization using root camera in rhizotron scale	ENCIK AFFENDY BIN HASSAN	NORMAH AWANG BESAR @ RAFFIE, ASFARINAWATI D AMBAS, JULIUS BIN KODOH, ASSIS BIN KAMU	FSSA	Biosciences, Forestry, Agriculture, Aquaculture, Food And Biotechnology	GANGSA
15	RA-16	Size Selective Harvest Management in <i>Geloina</i> sp Aquafarming, Marudu Bay enable Sustainable Development	PUAN DIANA DEMIYAH BINTI MOHD HAMDAN	JALIAH MD SHAH, FAZILAH BINTI MUSA, NORAZLIN NGADNAN, MOHD HAMDAN BIN HJ. ADNAN	FSSA	Biosciences, Forestry, Agriculture, Aquaculture, Food And Biotechnology	GANGSA
16	RA-17	Heterogenous impacts of community forestry management on community livelihood: Evidence from GRID Project, Gana-Lingkabau Forest Reserve, Kota Marudu	PUAN HARDAWATI BINTI YAHYA	JURRY FOO @ JURRY BT. F. MICHAEL, RICKY ALISKY MARTIN	FSSA	Biosciences, Forestry, Agriculture, Aquaculture, Food And Biotechnology	GANGSA

17	RA-18	Residents' Perception Towards Homegarden Activities in Penampang Residential Area	PUAN MAZNAH BINTI MUNING	CELVANICA JABILIN, ZAHORA ISMAIL, FAZILAH BINTI MUSA	FSSA	Biosciences, Forestry, Agriculture, Aquaculture, Food And Biotechnology	GANGSA
18	RA-19	Tawau Communities' Perception Towards Agroforestry Practices Contribution on Sustainable Ecosystem Conservation	CIK FAZILAH BINTI MUSA	NOR ASYIRAH LILE, DIANA DEMIYAH BINTI MOHD HAMDAN, MAZNAH BINTI MUNING	FSSA	Biosciences, Forestry, Agriculture, Aquaculture, Food And Biotechnology	PERAK
19	RA-20	Volatile Organic Chemicals as Natural Dung Beetle Attractant that Facilitates Ecosystem Services in Primary Tropical Rainforest	PROFESSOR DR. CHARLES SANTHANARAJU A/L VAIRAPPAN	CHIEW LI YUEN, ELEANOR SLADE	IBTP	Biosciences, Forestry, Agriculture, Aquaculture, Food And Biotechnology	EMAS
20	RA-21	Species Richness and Distribution of Primates in Disturbed and Converted Forest Landscapes in Northern Borneo	PROFESSOR MADYA DR. HENRY BERNARD		IBTP	Biosciences, Forestry, Agriculture, Aquaculture, Food And Biotechnology	EMAS
21	RA-22	NEW SPECIES OF TERMITOMYCES (LYOPHYLLACEAE, BASIDIOMYCOTA) FROM SABAH (NORTHERN BORNEO), MALAYSIA	DR. JAYA SEELAN A/L SATHIYA SEELAN	CHONG SU YEE, TAN YEE SHIN , FOO SHE FUI, MIN-JI KIM, MYUNG SOO PARK, YOUNG WOON LIM, MAHADIMENAKBAR BIN MOHAMED DAWOOD	IBTP	Biosciences, Forestry, Agriculture, Aquaculture, Food And Biotechnology	EMAS
22	RA-23	Molecular Phylogeny of Tropical Cantharellus Mushrooms (Basidiomycota, Cantharellaceae) in Malaysian Borneo	DR. JAYA SEELAN A/L SATHIYA SEELAN	YOUNG WOON LIM, ANDY WILSON	IBTP	Biosciences, Forestry, Agriculture, Aquaculture, Food And Biotechnology	EMAS
23	RA-24	Diversity of Arthropods	DR. JAYA SEELAN A/L	TIVYA AINGARI GANESAN	IBTP	Biosciences, Forestry,	PERAK

		Associated With Entomopathogenic Fungi: A Molecular Phylogeny Study in Sabah	SATHIYA SEELAN			Agriculture, Aquaculture, Food And Biotechnology	
24	RA-25	FUNGAL DIVERSITY OF LIMESTONE CAVES IN SABAH, MALAYSIA	DR. JAYA SEELAN A/L SATHIYA SEELAN	IBRAHEM GHANI WASTI	IBTP	Biosciences, Forestry, Agriculture, Aquaculture, Food And Biotechnology	PERAK
25	RA-26	PHYLOGENETIC RELATIONSHIPS OF <i>Cookeina sensu stricto</i> IN MALAYSIAN BORNEO: HIDDEN SPECIES IN THE TROPICS	DR. JAYA SEELAN A/L SATHIYA SEELAN	NALINA SUBRAMANIAM	IBTP	Biosciences, Forestry, Agriculture, Aquaculture, Food And Biotechnology	GANGSA
26	RA-27	Taxonomy, Molecular Phylogeny and Cultivation of Medicinal Tiger's Milk Mushrooms of Sabah	DR. JAYA SEELAN A/L SATHIYA SEELAN	TAN YEE SHIN	IBTP	Biosciences, Forestry, Agriculture, Aquaculture, Food And Biotechnology	EMAS
27	RA-28	DIVERSITY AND PHYLOGENETIC RELATIONSHIPS OF <i>Lentinus</i> <i>sensu stricto</i> (POLYPORACEAE, BASIDIOMYCOTA) SECT. RIGIDI AND DICHOLAMELLATAE, EMPHASIZING SOUTHEAST ASIAN TAXA	DR. JAYA SEELAN A/L SATHIYA SEELAN	TANG PUI LING	IBTP	Biosciences, Forestry, Agriculture, Aquaculture, Food And Biotechnology	GANGSA
28	RA-29	Unraveling the zombie fungi of Borneo: Diversity and Molecular Phylogeny of <i>Ophiocordyceps</i> <i>unilateralis</i> (Ascomycota: Hypocreales) in Sabah, Borneo	DR. JAYA SEELAN A/L SATHIYA SEELAN	MOHAMMAD HAFIZ SYUKRI BIN KASSIM	IBTP	Biosciences, Forestry, Agriculture, Aquaculture, Food And Biotechnology	GANGSA
29	RA-30	IUCN Threatened Mushroom	DR. JAYA SEELAN A/L	YOUNG WOON LIM	IBTP	Biosciences, Forestry,	PERAK

		Species Lists for Sabah: Conservation or Commercialization?	SATHIYA SEELAN			Agriculture, Aquaculture, Food And Biotechnology	
30	RA-31	Antimicrobial Peptide of Antarctic Bacterium, Pedobacter cryoconitis BG5	PROFESSOR DR. CLEMENTE MICHAEL WONG VUI LING	SYLVBRYANIE SALISTER	IPB	Biosciences, Forestry, Agriculture, Aquaculture, Food And Biotechnology	PERAK
31	RA-32	ANTIBACTERIAL ACTIVITY OF MANGROVE PLANTS IN SABAH	DR. RUZAIDI AZLI BIN MOHD MOKHTAR	KASRA MUKTI, TAMAR KANSIL, MAYRLIDZATUL FARHAIN MISRAH, ZARINA BINTI AMIN	IPB	Biosciences, Forestry, Agriculture, Aquaculture, Food And Biotechnology	GANGSA
32	RA-33	A first line of stress defense: Identification of a Heat Shock Protein 20 (HSP20) domain containing protein in the Antarctic yeast	DR. NUR ATHIRAH BINTI YUSOF	FARHAN NAZAIE BIN NASIB	IPB	Biosciences, Forestry, Agriculture, Aquaculture, Food And Biotechnology	PERAK
33	RA-34	Cells 'Folder' Activity: Proposing a new theory on HSP70 structure on cold adaptation mechanisms based on study of HSP70 from an Antarctic yeast, Glaciozyma antarctica	DR. NUR ATHIRAH BINTI YUSOF	JENNIFER CHARLES LABO	IPB	Biosciences, Forestry, Agriculture, Aquaculture, Food And Biotechnology	GANGSA
34	RA-35	The Development of a Peptide - Based Gene Delivery System: In Vitro Evaluation of a GL-1 Peptide Library	DR. KHAIRUL AZFAR BIN KAMARUZAMAN		IPB	Biosciences, Forestry, Agriculture, Aquaculture, Food And Biotechnology	GANGSA
35	RA-36	The uniqueness on catalytic site and thermal stability of FKBP35 from Plasmodium knowlesi	DR. CAHYO BUDIMAN	LEE PING CHIN, LAU TIEK YING, CARLMOND GOH KAH WUN, JOVI SILVESTER	IPB	Biosciences, Forestry, Agriculture, Aquaculture, Food	GANGSA

		revealed novel drug-able spots for the antimalarial drug				And Biotechnology	
36	RA-37	Phytochemical constituents and hepatoprotective effects of <i>Lygodium circinnatum</i> against carbon tetrachloride (CCl ₄)-induced hepatic damage and toxicity in rats	PROFESSOR MADYA DR. MOHAMMAD IQBAL	RUZAIDI AZLI BIN MOHD MOKHTAR, RIANA BINTI AWANG SAMAN	IPB	Biosciences, Forestry, Agriculture, Aquaculture, Food And Biotechnology	GANGSA
37	RA-38	Detection of Specific Gene Related to Avian Infectious Bronchitis Virus (IBV) Using an Electrochemical DNA Biosensor	DR. MD. SHAFIQUZZAMAN SIDDIQUEE	MD.SAFIUL ALAM BHUIYAN , ZARINA AMIN, SHARIFUDIN MD. SHAARANI , SURYANI BINTI SAALLAH, KHAIRUL AZFAR KAMARUZAMAN, NOOR HYDAYATY MD. YUSUF	IPB	Biosciences, Forestry, Agriculture, Aquaculture, Food And Biotechnology	PERAK
38	RA-39	Biochemical profiling of <i>Brassica rapa</i> (Chinensis) cultured under artificial light.	PROFESSOR MADYA DR. KENNETH FRANCIS RODRIGUES	NURUL SAKINAH BINTI SAAPILIN, WILSON YONG THAU LYM, GRACE JOY CHIN WEI LIE, KHAIRUL AZFAR BIN KAMARUZAMAN	IPB	Biosciences, Forestry, Agriculture, Aquaculture, Food And Biotechnology	PERAK
39	RA-40	RNA interference in <i>Ananas comosus</i>	DR. NOOR HYDAYATY BINTI MD YUSUF	VIJAY KUMAR A/L SUBBIAH, MARIAM BINTI ABD. LATIP	IPB	Biosciences, Forestry, Agriculture, Aquaculture, Food And Biotechnology	EMAS
40	RA-41	From genomic DNA to crystallized quality proteins: Semi high throughput optimized protocols on conserved hypothetical proteins from Antarctic bacterium, <i>Pedobacter cryoconitis</i>	DR. NUR ATHIRAH BINTI YUSOF	MAKDI MASNODDIN, CLEMENTE MICHAEL WONG VUI LING	IPB	Biosciences, Forestry, Agriculture, Aquaculture, Food And Biotechnology	PERAK
41	RA-42	Determine the sperm quantity	DR. SITI NOR FATIHAH		IPMB	Biosciences, Forestry,	GANGSA

		and histological characteristics on the testes of male mud crab, <i>Scylla tranquebarica</i>	BINTI ZAKARIA			Agriculture, Aquaculture, Food And Biotechnology	
42	RA-43	MITIGATION of HARMFUL ALGAL SPECIES, <i>Pyrodinium bahamense</i> var. <i>compressum</i> USING ULTRASONIC	PROFESSOR MADYA DR. SITTI RAEHANAH BINTI MUHAMAD SHALEH	GHAFUR RAHIM MUSTAKIM, MOHD NOR AZMAN AYUB	IPMB	Biosciences, Forestry, Agriculture, Aquaculture, Food And Biotechnology	GANGSA
43	RA-44	Induced Spawning and Larvae Culture of Asiatic Hard Clam, <i>Meretrix meretrix</i> in Hatchery Condition	PROFESSOR MADYA DR. JULIAN RANSANGAN	LADITAH DUISAN, SUJJAT AL AZAD	IPMB	Biosciences, Forestry, Agriculture, Aquaculture, Food And Biotechnology	PERAK
44	RA-45	Crime Scene Investigation: Mass slaughter of marine turtles at Pulau Tiga, Kudat, Sabah, Malaysia	DR. JUANITA JOSEPH	JAMES ENG @ JAMES MOHD. ALIN, RAFIDAH BINTI OTHMAN	IPMB	Biosciences, Forestry, Agriculture, Aquaculture, Food And Biotechnology	NULL
45	RA-46	REPLACEMENT OF FISH OIL WITH VEGETABLE OILS IN DIET FOR HYBRID GROUPER JUVENILE (<i>Epinephelus fuscoguttatus</i> x <i>Epinephelus lanceolatus</i>)	PROFESSOR MADYA DR. ANNITA YONG SEOK KIAN	ROSSITA SHAPAWI, NUR SUHAILAH SYED MUBARAK	IPMB	Biosciences, Forestry, Agriculture, Aquaculture, Food And Biotechnology	EMAS
46	RA-47	Production of high value black Patin <i>Pangasius hypophthalmus</i> through manipulation of rearing system	DR. CHING FUI FUI @ FAIHANA CHING ABDULLAH	SITI UMEY SYAHIRAH MAT NAWANG, SHIGE HARU SENOO	IPMB	Biosciences, Forestry, Agriculture, Aquaculture, Food And Biotechnology	GANGSA
47	RA-48	Classifying natural water of Salut-Mengkabong Lagoon	DR. MADIHAH BINTI JAFAR SIDIK @ JAFFAR	NURZALIAH BINTI ALI, SAIYIDAH MUNIRAH MOHD SHAZALI	IPMB	Biosciences, Forestry, Agriculture, Aquaculture, Food And Biotechnology	SIJIL

48	RA-49	Length-Weight Relationship of Asian Swamp Eel in Sabah.	DR. NAZIA BINTI ABDUL KADAR	CHING FUI FUI @ FAIHANA CHING ABDULLAH, NURUL ILY IZAN BT RADUAN	IPMB	Biosciences, Forestry, Agriculture, Aquaculture, Food And Biotechnology	SIJIL
49	RA-50	Valorization of Bokashi leachate as feed acidifier to enhance the growth performance and feed utilization of red tilapia <i>Oreochromis</i> sp. fingerlings fed soybean meal-based diets	DR. LIM LEONG SENG	FU MANN YUH, MOHAMMAD TAMRIN BIN MOHAMAD LAL, ROSSITA SHAPAWI, ANNITA YONG SEOK KIAN	IPMB	Biosciences, Forestry, Agriculture, Aquaculture, Food And Biotechnology	GANGSA
50	RA-51	Potential Probiotic and Postbiotic Bacterial Candidates as Alternative to Shrimp Disease Prevention Strategy	DR. MOHAMMAD TAMRIN BIN MOHAMAD LAL	ANNITA YONG SEOK KIAN, LIM LEONG SENG, SUJJAT AL AZAD, ANG CHUN YAO	IPMB	Biosciences, Forestry, Agriculture, Aquaculture, Food And Biotechnology	GANGSA
51	RA-52	New Record of Green Seaweed, <i>Caulerpa macrodisca</i> (Caulerpaceae, Chlorophyta) in Malaysia based on the molecular and morphological evidence	PUAN WAHIDATUL HUSNA ZULDIN	SITTI RAEHANAH BINTI MUHAMAD SHALEH, ROSSITA BINTI SHAPAWI	IPMB	Biosciences, Forestry, Agriculture, Aquaculture, Food And Biotechnology	GANGSA
52	RA-53	Antiparasitic Activity of the Medicinal Plant <i>Dillenia suffruticosa</i> Against the Marine Leech <i>Zeylanicobdella arugamensis</i> (Hirudinea) - A Novel Treatment Method	PROF. MADYA DR. BALU ALAGAR VENMATHI MARAN	MUHAMMAD DAWOOD SHAH, MOHAMMAD IQBAL	IPMB	Biosciences, Forestry, Agriculture, Aquaculture, Food And Biotechnology	EMAS
53	RA-54	CHARACTERIZATION OF FIN FISH HATCHERY WASTE FOR SINGLE CELL PROTEIN	DR. SUJJAT AL AZAD		IPMB	Biosciences, Forestry, Agriculture, Aquaculture, Food And Biotechnology	GANGSA

54	RA-55	Monsoonal Variation of Coastal Phytoplankton Community in Kota Kinabalu.	DR. TERUAKI YOSHIDA	BRIAN CHONG WEI KHONG	IPMB	Biosciences, Forestry, Agriculture, Aquaculture, Food And Biotechnology	GANGSA
55	RA-56	MONSOONAL CHANGES IN ZOOPLANKTON BIOMASS AND DISTRIBUTION IN A TROPICAL BAY, SABAH, MALAYSIA	DR. TERUAKI YOSHIDA	SANTHA DEVI A/P MUTHURAJAH, MOH PAK YAN	IPMB	Biosciences, Forestry, Agriculture, Aquaculture, Food And Biotechnology	GANGSA
56	RA-57	Antimicrobial screening and phytochemical composition on methanolic extract of Blumea balsamifera towards human pathogens	CIK AZLINAH BINTI MATAWALI	NURUL AIN ISMAIL, LEE PING CHIN, HOW SIEW ENG, JUALANG @AZLAN ABDULLAH BIN GANSAU	PPST	Biosciences, Forestry, Agriculture, Aquaculture, Food And Biotechnology	PERAK
57	RB-01	Production of Metoprolol Pure Enantiomer via Enzymatic Kinetic Resolution	DR. MARIANI BINTI RAJIN	AZLINA HARUN@KAMARUDDIN, SARIAH ABANG, S.M. ANISUZZAMAN, ASIAH ZULKIFLI	FKJ	Engineering, Physical Sciences, Environment, Energy and EcoCampus	GANGSA
58	RB-02	FEASIBILITY STUDY ON TRANSPORTATION NETWORK IN THE EAST COAST OF SABAH.	DR. MOHD AZIZUL BIN LADIN	MOHAMAD SHYAFIQ EZZAT YAHYA, KASIM BIN HJ. MD. MANSUR, RAMAN B. NOORDIN, NORMAH AWANG BESAR @ RAFFIE, RINI SURYATI BINTI SULONG, SIDAH BT IDRIS, NAZARUDDIN BIN ABDUL TAHA, LILLIAN @ LILIA GUNGAT , FARIQ ISMETH JAIMIN	FKJ	Engineering, Physical Sciences, Environment, Energy and EcoCampus	SIJIL
59	RB-03	Effect of Mixture Design and Palm Oil Fuel Ash towards the Compressive Strength of Interlocking Compressed Earth Brick	PROFESSOR IR DR. ABDUL KARIM BIN MIRASA	DR. CHONG CHEE SIANG , YVONNE WILLIAM TONDUBA, EDDY SYAIZUL RIZAM BIN ABDULLAH, AMIRA BINTI AMEER, NURUL SHAHADAHTUL AFIZAH BT. ASMAN	FKJ	Engineering, Physical Sciences, Environment, Energy and EcoCampus	PERAK

60	RB-04	Electromagnetic Energy Harvesting Using 2.45 GHz Patch Antenna Array	DR. RAZAK MOHD. ALI LEE	SITTILIN BINTI SALLEH	FKJ	Engineering, Physical Sciences, Environment, Energy and EcoCampus	GANGSA
61	RB-05	Study on Tertiary Enhanced Oil Recoveries in Laboratory Environment Monitored Oil Reservoir Chemical Flooding	PROF. MADYA DR. JIDON @ ADRIAN BIN JANAUN	ABU ZAHRIM BIN YASER, CHUNG CHEN CHONG, ABDUL KARIM BIN MIRASA	FKJ	Engineering, Physical Sciences, Environment, Energy and EcoCampus	GANGSA
62	RB-06	Adsorption isotherm and kinetics studies of 2 Acetyl -1- Pyrroline (2AP) onto porous adsorbents	PROF. MADYA DR. JIDON @ ADRIAN BIN JANAUN	CARLA GONCLAVES, AWANG BONO, DUDUKU KRISHNAIAH	FKJ	Engineering, Physical Sciences, Environment, Energy and EcoCampus	GANGSA
63	RB-07	Fabrication of Polysulfone Mixed Matrix Membrane with 3-Aminopropyltriethoxysilane-grafted Halloysite Nanotubes for CO ₂ /CH ₄ Separation	DR. NOOR MAIZURA BINTI ISMAIL	A.R. RAZALI, A.F. ISMAIL, J. JAJA, S.M. ANISUZZAMAN, C.K. CHIAM, N. BOLONG	FKJ	Engineering, Physical Sciences, Environment, Energy and EcoCampus	GANGSA
64	RB-08	The Effect of Number of Turbine Blades on the Vortex Turbine Hydraulic Efficiency	PUAN FADZLITA BINTI MOHD TAMIRI	MOHD AZLAN BIN ISMAIL	FKJ	Engineering, Physical Sciences, Environment, Energy and EcoCampus	GANGSA
65	RB-09	Biobased waterborne polyurethane dispersion from vegetable oil	DR. SARIAH BINTI SAALAH	COSWALD STEPHEN SIPAUT @ MOHD NASRI, MURNI BINTI SUNDANG, NOOR MAIZURA BINTI ISMAIL, SYEED SAIFULAZRY OSMAN AL-EDRUS, LUQMAN CHUAH ABDULLAH, NUR SJANRAH BINTI NURDIN	FKJ	Engineering, Physical Sciences, Environment, Energy and EcoCampus	PERAK
66	RB-10	Mitigating wax and asphaltene deposition problem in crude oil	DR. S.M. ANISUZZAMAN	AWANG BONO, DUDUKU KRISHNAIAH, MARIANI BINTI RAJIN, NOOR MAIZURA	FKJ	Engineering, Physical Sciences,	GANGSA

		using polymeric wax crystal modifier with aromatic solvents : experimental investigation and modeling		BINTI ISMAIL, SARIAH ABANG		Environment, Energy and EcoCampus	
67	RB-11	Minimized leakage current by solution processed PTAA-ZnO transparent hybrid hetero-junction's device	DR. BABLU KUMAR GHOSH	ISMAIL SAAD, KHAIRUL ANUAR BIN MOHAMAD, PUNGUT BIN IBRAHIM, ABDUL ISMAIL BIN ABDUL RANI	FKJ	Engineering, Physical Sciences, Environment, Energy and EcoCampus	PERAK
68	RB-12	Comparison of Selected Physical Properties between Bioplastic made from Semi-Refined Carrageenan and Whole Seaweed (Kappaphycus sp.)	PROFESSOR MADYA DR. LOUMI @ NOUMIE SURUGAU		FSSA	Engineering, Physical Sciences, Environment, Energy and EcoCampus	GANGSA
69	RB-13	Hermann Mauguin Symbol Determination: An update	DR. ISMAIL BIN ABD RAHIM		FSSA	Engineering, Physical Sciences, Environment, Energy and EcoCampus	SIJIL
70	RB-14	Univariate Control Chart for Monitoring Trampling Effect	DR. SITI RAHAYU BINTI MOHD. HASHIM	WILTER MALANDI @ AZWAL AZIZ	FSSA	Engineering, Physical Sciences, Environment, Energy and EcoCampus	SIJIL
71	RB-15	Kinetics of the Removal of Aqueous Methylene Blue by GO/ETS-10 Composite	DR. MOH PAK YAN	NGUANG SING YEW, AARON LIEW SHUN YAO	FSSA	Engineering, Physical Sciences, Environment, Energy and EcoCampus	GANGSA
72	RB-16	EXAMINATION OF MALAYSIAN RIVER WATER QUALITY INDEX BY SOME SELECTED PHYSICO-CHEMICAL PARAMETERS	DR. MOH PAK YAN	BRITTONY CHARS, SUZANNA ROSLI WONG	FSSA	Engineering, Physical Sciences, Environment, Energy and EcoCampus	PERAK

73	RB-17	Landslide Risk Management (LRM): Towards a better Disaster Risk Reduction (DRR) Programme in Malaysia	DR. RODEANO BIN ROSLEE		FSSA	Engineering, Physical Sciences, Environment, Energy and EcoCampus	NULL
74	RB-18	Optimal Frequency Design of Eddy Current Testing For Copper, Brass and Magnesium Alloy Metal With Difference Thicknesss.	PROFESSOR MADYA DR. FAUZIAH BINTI SULAIMAN	ELYA BINTI ALIAS	FSSA	Engineering, Physical Sciences, Environment, Energy and EcoCampus	SIJIL
75	RB-19	Anaerobic acidogenesis of food waste: the effect of hydraulic retention time (HRT) on total volatile fatty acids (TVFAs) production	DR. NEWATI WID	RAFIDAH SELAMAN	FSSA	Engineering, Physical Sciences, Environment, Energy and EcoCampus	PERAK
76	RB-20	Preparation and properties of carbazole-based substituted isoindigo copolymer for the application of polymeric solar cells.	DR. MOHD SANI BIN SARJADI	TAN SHU ER, MD LUTFOR RAHMAN	FSSA	Engineering, Physical Sciences, Environment, Energy and EcoCampus	GANGSA
77	RB-21	Intercropping Rubber and Rice on Former Rubber Land Contribute Toxicity Risk in Rice Consumption	PUAN DIANA DEMIYAH BINTI MOHD HAMDAN	MOHD KHALIZAN BIN SABULLAH, MOHD HAMDAN BIN HJ. ADNAN, AMIRAH SYUHADA BINTI MOHD AZMAN, JOVELYIN SELUDIN	FSSA	Engineering, Physical Sciences, Environment, Energy and EcoCampus	GANGSA
78	RB-22	Endpoints and Barriers Estimation of Landslide in Pinousuk Gravels Slopes using Rocfall Simulation	HAJJAH HENNIE FITRIA WULANDARY BTE SOEHADY ERFEN	BABA MUSTA	FSSA	Engineering, Physical Sciences, Environment, Energy and EcoCampus	GANGSA
79	RB-23	IONIZING RADIATION EFFECT OF GAMMA RAY AND NEUTRON	DR. CHEE FUEI PIEN	SAAFIE SALLEH, MIVOLIL D.S, ROSFAYANTI RASMIDI	FSSA	Engineering, Physical Sciences,	PERAK

		FLUX ON n-ZnO/p-CuGaO ₂ HETEROJUNCTION DIODE FOR FLEXIBLE SPACE ELECTRONICS APPLICATION				Environment, Energy and EcoCampus	
80	RB-24	Enforced Mechanical Properties of Composite Gypsum: Effect of Rice Husk Fibre	DR. ASMAHANI BINTI AWANG	JEDOL DAYOU, CHEE FUEI PIEN, MOHD AZRUL BIN ABDUL RAJAK, SITI NUR HAJRAH PIARA	FSSA	Engineering, Physical Sciences, Environment, Energy and EcoCampus	SIJIL
81	RB-25	Agro-Waste based Cellulose Supported Metal-Catalysts for Various Organic Reactions	PROFESSOR DR. MD LUTFOR RAHMAN	BABA MUSTA, MOHD SANI BIN SARJADI, SAZMAL EFFENDI BIN ARSHAD	FSSA	Engineering, Physical Sciences, Environment, Energy and EcoCampus	EMAS
82	RB-26	Photoalignment Layer using Bent-shaped Azo Network for Flexible Display	PROFESSOR DR. MD LUTFOR RAHMAN	MOHD SANI BIN SARJADI	FSSA	Engineering, Physical Sciences, Environment, Energy and EcoCampus	GANGSA
83	RB-27	Predicting The State Of Daily Maximum Temperature For Kota Kinabalu, Sabah Using Markov Chain	PUAN SURIANI BINTI HASSAN	HUSNA HASAN, FARIZA YUNUS	FSSA	Engineering, Physical Sciences, Environment, Energy and EcoCampus	GANGSA
84	RB-28	SLOPE FAILURE RUN-OUT ESTIMATION FROM EARTHQUAKE DISASTER IN MESILOU, KUNDASANG	HAJJAH HENNIE FITRIA WULANDARY BTE SOEHADY ERFEN	BABA MUSTA	FSSA	Engineering, Physical Sciences, Environment, Energy and EcoCampus	GANGSA
85	RB-29	Microemulsion-based Polystyrene Microspheres as Template for Monolith Synthesis with Homogenous Pore	DR. MAILIN BINTI MISSON	CLARENCE M. ONGKUDON, SURYANI BINTI SAALLAH, NUR FAEZAH BINTI IBADAT	IPB	Engineering, Physical Sciences, Environment, Energy and EcoCampus	GANGSA

86	RB-30	Electrosensing based analysis of Zinc, Manganese and Aluminium Ions in Drinking Water	DR. MD. SHAFIUZZAMAN SIDDIQUEE	GILBERT ANAK RINGGIT , SURYANI BINTI SAALLAH, MOHAMMAD TAMRIN MOHAMAD LAL, NOOR HYDAYATY MD. YUSUF, KHAIRUL AZFAR KAMARUZAMAN, MD. SHAFIUZZAMAN SIDDIQUEE	IPB	Engineering, Physical Sciences, Environment, Energy and EcoCampus	GANGSA
87	RB-31	Indoor planting improve survival rate of seagrass transplantation activities	PROFESSOR MADYA EJRIA SALEH	TZUEN-KIAT YAP, KEE DANG SYARYN BINTI KEE MOHAMAD YASIN	IPMB	Engineering, Physical Sciences, Environment, Energy and EcoCampus	PERAK
88	RB-32	Coral Reef Status in Sepangar Bay And Its Relationship to Water and Sediment Parameters	ENCIK MUHAMMAD ALI BIN SYED HUSSEIN	MOHD FIRDAUS AKMAL BIN NOORAMLI, ZARINAH WAHEED	IPMB	Engineering, Physical Sciences, Environment, Energy and EcoCampus	NULL
89	RB-33	Discovery of New Species of Lethal Box Jellyfish (Chironex jesseltonensis) in Sabahan Waters, and the danger to human health	PROF. MADYA DR. BALU ALAGAR VENMATHI MARAN	CHUAN CHEE HOE, MUHAMAD NA'IM BIN AB RAZAK, MUHAMMAD ALI BIN SYED HUSSEIN, EJRIA SALEH, AHMAD KHALDUN ISMAIL	IPMB	Engineering, Physical Sciences, Environment, Energy and EcoCampus	EMAS
90	RB-34	Determination of the Optimum Lift-off in Detecting Imperfection on Aluminium by Using Eddy Current Testing Technique	CIK ELNETTHRA FOLLY ELDY	FAUZIAH BINTI SULAIMAN, SALMIA BINTI SANTA	PPST	Engineering, Physical Sciences, Environment, Energy and EcoCampus	SIJIL
91	RB-35	Risk Evaluation Triangle (RET) For Landslide Risk Management (LRM): A Case Study from Kota Kinabalu, Sabah, Malaysia.	DR. RODEANO BIN ROSLEE		FSSA	Engineering, Physical Sciences, Environment, Energy and EcoCampus	NULL
92	RC-01	Improving Student Satisfaction in Malaysian National Youth Skills	DR. ANATH RAU KRISHNAN	MINAH ANAK JAPANG, SUDDIN BIN LADA	FKAL	Social sciences, humanities, arts,	PERAK

		Institutes Using a New Hybrid Multi-Criteria Decision Making Procedure				physiology, education & educational aids	
93	RC-02	Reading Habits of Rural Secondary School Students in selected schools in Ranau, Sabah	DR. JURRY FOO @ JURRY BT. F. MICHAEL	OLIVER VALENTINE EBOY, HARIFAH MOHD NOOR, COLONIUS ATANG, KEE Y. SABARIAH BINTI KEE MOHD YUSSOF, MARJA AZLIMA BT. OMAR	FKSW	Social sciences, humanities, arts, physiology, education & educational aids	SIJIL
94	RC-03	Gender's role in the of community forestry management for GRID Project in Gana-Lingkabau Forest Reserve, Kota Marudu	DR. JURRY FOO @ JURRY BT. F. MICHAEL	HARDAWATI BINTI YAHYA, RICKY ALISKY MARTIN	FKSW	Social sciences, humanities, arts, physiology, education & educational aids	GANGSA
95	RC-04	Strengthening Community Involvement and Social Capital In The Gerakan Daya Wawasan (GDW) Programme At Kampung Bayangan, Keningau, Sabah.	PROFESSOR DR. ROSAZMAN BIN HUSSIN		FKSW	Social sciences, humanities, arts, physiology, education & educational aids	SIJIL
96	RC-05	Fostering the Unseen Role of Women in the Fish Cage Culture Industry in Marudu Bay, Sabah	PROFESSOR DR. ROSAZMAN BIN HUSSIN		FKSW	Social sciences, humanities, arts, physiology, education & educational aids	SIJIL
97	RC-06	Aktiviti Pelancongan “Hiking Bukit” Pasca Bencana Sebagai Peluang Baharu kepada Komuniti Setempat di Kundasang Sabah	PROFESSOR DR. ROSAZMAN BIN HUSSIN		FKSW	Social sciences, humanities, arts, physiology, education & educational aids	SIJIL
98	RC-07	Dasar Kerajaan Negeri Menangani Perkembangan Ajaran Sesat di Sabah	PROFESSOR MADYA DR. ASMADY IDRIS	SURAYA BTE SINTANG, ISSRAQ BIN RAMLI, SHAHRIL BIN YUSOF	FKSW	Social sciences, humanities, arts, physiology, education & educational aids	SIJIL

99	RC-08	PENELITIAN SEMULA KEBERKESANAN PELAKSANAAN KONSEP BANDAR SELAMAT DI KAWASAN HOTSPOT JENAYAH DI SABAH	DR. NOR-INA BINTI KANYO	ISMAIL IBRAHIM, JABIL BIN MAPJABIL, HARIFAH BINTI MOHD. NOOR, NORHUDA BINTI SALLEH, COLONIUS BIN ATANG, SITI AN-NUR ARSYI LAJIMIN, NORCIKEYONN SAMUNI, AHMAD TARMIZI ABDUL RAHMAN	FKSW	Social sciences, humanities, arts, physiology, education & educational aids	GANGSA
100	RC-09	Penggunaan Cocos nucifera untuk tujuan kesihatan dalam kalangan masyarakat Bugis di Tawau, Sabah	DR. JURRY FOO @ JURRY BT. F. MICHAEL	SURIYANAH LAUDEH	FKSW	Social sciences, humanities, arts, physiology, education & educational aids	SIJIL
101	RC-10	Relationship between expatriates sociocultural adjustments and job performances: Related literature on work and interaction adjustment	DR. MD SAYED UDDIN	ROSAZMAN BIN HUSSIN, BADARIAH BINTI AB RAHMAN	FKSW	Social sciences, humanities, arts, physiology, education & educational aids	SIJIL
102	RC-11	Narrowing the Green Gap: Understanding Factors Underlying Actual Consumption of Organic Food in Malaysia	DR. BRAHIM CHEKIMA	KHADIDJA CHEKIMA, KHALIFA CHEKIMA	FPEP	Social sciences, humanities, arts, physiology, education & educational aids	EMAS
103	RC-12	Women's business survival: Challenges and strategies for single mother entrepreneurs in Sabah	DR. SALMAH BINTI TOPIMIN	NOOR FZLINDA BINTI FABEL, AHMAD SHAKANI BIN ABDULLAH, HASLINDA BT. HASSAN	FPEP	Social sciences, humanities, arts, physiology, education & educational aids	GANGSA
104	RC-13	The influences of viral marketing towards advertising effectiveness on Facebook.	PUAN HASLINDA BT. HASSAN	RACHEL NOED	FPEP	Social sciences, humanities, arts, physiology, education & educational aids	SIJIL
105	RC-14	Neophilia & Neophobia : Food	CIK MARRY TRACY ANAK	JULIANA ANAK LANGGAT, KAMARUL	FPEP	Social sciences,	SIJIL

		Personality On Street Food Experience	PAWAN	MIZAL BIN MARZUKI, AHMAD SHAKANI BIN ABDULLAH		humanities, arts, physiology, education & educational aids	
106	RC-15	A Grounded Theory Approach: The role of organisational climate in the prevention of sexual harassment at workplace	DR. SHARON KWAN SAM MEE	MALVIN TAN PING CHIENG , AZIZI BIN YAHAYA, ISMAIL BIN MAAKIP, PETER VOO SU KIONG	FPP	Social sciences, humanities, arts, physiology, education & educational aids	PERAK
107	RC-16	Psychological well being among Dropout Student	PROFESSOR MADYA DR. BALAN A/L RATHAKRISHNAN	KOAY TING YIN, AZIZI BIN YAHAYA, SOON SINGH A/L BIKAR SINGH	FPP	Social sciences, humanities, arts, physiology, education & educational aids	EMAS
108	RC-17	PERSEPSI MASYARAKAT TERHADAP PUNCA KEHADIRAN KOMUNITI BAJAU LAUT (PALAU): SATU KAJIAN DI KAWASAN PANTAI TIMUR SABAH	DR. PETER VOO SU KIONG	UMI AZMIRA BIBI BINTI ABDUL AZIZ, NUR FADLINA BINTI MOHD LAZIM, AHMADI BIN ISLALI, FAUZIAH BINTI ABD LATIP, NORLIANI BINTI MAHADI, CHOO FUI PING @ NORSYAHMI	FPP	Social sciences, humanities, arts, physiology, education & educational aids	GANGSA
109	RC-18	Interaction between Risk Factors Musculoskeletal Disorders among Teachers: A Structural Equation Modelling Approach	DR. PETER VOO SU KIONG	ISMAIL MAAKIP, NG YI MING	FPP	Social sciences, humanities, arts, physiology, education & educational aids	PERAK
110	RC-19	Prevalence and its Distribution of Musculoskeletal Disorders Among Secondary School Children in Sabah	DR. PETER VOO SU KIONG	NURKHAIDARATUL ABDUL HALIK, ISMAIL BIN MAAKIP, AZIZI BIN YAHAYA	FPP	Social sciences, humanities, arts, physiology, education & educational aids	SIJIL
111	RC-20	Association between Smartphone Usage and Year of Study among Nursing Students of Universiti Malaysia Sabah	PUAN CHONG LI TSU	FOLONIKA JUANIS, GLORIA GULANG AUGUSTINE, SITI JUMATIYAH BINTI AMBASING, AIRLINES CHONG	FPSK	Social sciences, humanities, arts, physiology, education & educational aids	SIJIL

112	RC-21	The Financial Literacy Among Gen Y and Z in Malaysia	PROFESSOR MADYA DR. MOHD. RAHIMIE BIN ABD. KARIM	RUDY BIN ANSAR, ZAITON OSMAN	PPE	Social sciences, humanities, arts, physiology, education & educational aids	SIJIL
113	RC-22	Explicit and implicit justifications of experimental procedures in language education: Pedagogical implications of studying expert writers' communicative resources	PROFESSOR MADYA DR. LIM MIIN HWA		PPIB	Social sciences, humanities, arts, physiology, education & educational aids	EMAS
114	RC-23	Leksis Indo-Arabo, Sino, Euro dan Darvidien dalam bahasa Melayu	DR. MOHD NOR AZAN BIN ABDULLAH		PPIB	Social sciences, humanities, arts, physiology, education & educational aids	PERAK
115	RC-24	Inovasi model perniagaan teater di Sabah	PROFESSOR MADYA DR. ASMIATY AMAT	AMSALI BIN PISALI	PPIB	Social sciences, humanities, arts, physiology, education & educational aids	GANGSA
116	RC-25	Inverted grammar classroom : Detecting grammar errors in students' video presentation	CIK CHELSTER SHERRALYN JEOFFREY PUDIN	EUGENIA IDA EDWARD	PPIB	Social sciences, humanities, arts, physiology, education & educational aids	PERAK
117	RC-26	TRADITIONAL FOOD AMONG THE KADAZANDUSUN: CULTURAL IDENTITY PRESERVATION, COMMERCIALIZATION AND NUTRIENT INFORMATION	DR. HALINA SENDERA BT. MOHD. YAKIN	CHIEW TUNG MOI, RAMLAH GEORGE @ MOHD. ROSLI, ANDREAS TOTU, SITI AIDAH BTE LUKIN @ LOKIN, SURAYA BTE SINTANG, YASMIN OOI BENG HOU	PPIB	Social sciences, humanities, arts, physiology, education & educational aids	GANGSA
118	RC-27	INVERTED CLASSROOM IMPROVES PRE-UNIVERSITY	CIK ELNETTHRA FOLLY ELDY	JACKSON CHANG HIAN WUI, SITI NAZIRAH BUTAI, HUZAIKHA BINTI	PPST	Social sciences, humanities, arts,	PERAK

		STUDENTS UNDERSTANDING ON BASIC TOPIC OF PHYSICS: THE PRELIMINARY STUDY		AWANG, NUR FADZILAH BINTI BASRI, WARDATUL AKMAM DIN, SAZMAL EFFENDI BIN ARSHAD		physiology, education & educational aids	
119	RC-28	Students' Readiness on PBL Online Learning: A Case Study in Thermodynamics and Statistical Course	CIK ELNETTHRA FOLLY ELDY	FAUZIAH BINTI SULAIMAN	PPST	Social sciences, humanities, arts, physiology, education & educational aids	GANGSA
120	RD-01	Developing a Model for MYR/USD Exchange Rate Forecasting	DR. LEE HOCK ANN	GRACE PANG LI XIN, TAN MENG HUAT, LOKE YIH JIY, CHUN YIN PENG, THERESA GOH LI XUENN, RAICE TAN MIN CHIEN, NURUL DIYANA ATIQAHA BINTI RASHID, CHEW KE WEN	FKAL	Digital Era (computing), Mathematics, Business & Economics	SIJIL
121	RD-02	Re-inventing PTPTN Study Loan With Blockchain and Smart Contracts	DR. HANEFFA BINTI MUCHLIS GAZALI	CHE MUHAMAD HAFIZ CHE ISMAIL, RIZAL MOHD NOR, RUSNI HASSAN, HAFIZUR M.M. RAHMAN	FKAL	Digital Era (computing), Mathematics, Business & Economics	EMAS
122	RD-03	THE STUDY OF DATA SELECTION AND MATCHING CRITERIA IN FACE RECOGNITION FOR HUMAN SURVEILLANCE	DR. ERVIN GUBIN MOUNG	JAMAL AHMAD DARGHAM, ALI CHEKIMA	FKI	Digital Era (computing), Mathematics, Business & Economics	SIJIL
123	RD-04	Big Data Integration for Multiple Domain Data Sources using A Hybrid Spatial Analysis-based Approach	DR. HJH FARASHAZILLAH BINTI YAHYA	RAYNER ALFRED, MOHD NORHISHAM BIN RAZALI@ GHAZALI	FKI	Digital Era (computing), Mathematics, Business & Economics	PERAK
124	RD-05	Visual dictionary construction by using fuzzy encoding and hybrid	DR. MOHD NORHISHAM BIN RAZALI@ GHAZALI	SURAYA BINTI ALIAS, TAN SOO FUN, FARASHAZILLAH BINTI YAHYA	FKI	Digital Era (computing),	SIJIL

		pooling in Food Category Recognition				Mathematics, Business & Economics	
125	RD-06	LOW-COST WEBCAM-BASED EYE TRACKING FOR THE TRAINING OF MEDICAL IMAGE INTERPRETATION	DR. JAMES MOUNTSTEPHENS	TEH YONG GUANG, MATHIESON TAN ZUI QUEN	FKI	Digital Era (computing), Mathematics, Business & Economics	GANGSA
126	RD-07	A New Accelerated Path Planning for UAV using Fluid Computing Approach	PUAN SHALIZA HAYATI A. WAHAB	ALI CHEKIMA, NORDIN SAAD, SITI HASNAH BINTI TANALOL, AZALI BIN SAUDI	FKI	Digital Era (computing), Mathematics, Business & Economics	SIJIL
127	RD-08	Tuberculosis detection using ensemble convolution neural network architectures	PROFESSOR MADYA TS. DR. MOHD. HANAFI BIN AHMAD HIJAZI	LEONG QI YANG, LAU HUI KENG, ABDULLAH BIN BADE	FKI	Digital Era (computing), Mathematics, Business & Economics	GANGSA
128	RD-09	MOVING CAMERA ANPR SYSTEM USING ARTIFICIAL NEURAL NETWORKS	DR. CHIN KIM ON	CONNIE LIEW	FKI	Digital Era (computing), Mathematics, Business & Economics	GANGSA
129	RD-10	Smart University: Simulated Annealing with Improved Reheating and Learning for the Post Enrolment Course Timetabling Problem	DR. GOH SAY LENG	SYED NASIRIN BIN SYED ZAINOL ABIDIN, TEONG KHAN VUN, AHMAD RIZAL BIN AHMAD RODZUAN, CHUNG SENG KHEAU @ UNTUNG BIN NGEN FUI	FKI	Digital Era (computing), Mathematics, Business & Economics	EMAS
130	RD-11	AN EXTENDED HONEY	DR. TAN SOO FUN	SURAYA BINTI ALIAS, RAYNER ALFRED	FKI	Digital Era	EMAS

		ENCRYPTION (XHE) SCHEME FOR ENHANCING PASSWORD-BASED AUTHENTICATION MECHANISM IN CLOUD COMPUTING				(computing), Mathematics, Business & Economics	
131	RD-12	The Impact of Firm's Capabilities on Digital Brand Performance among Malaysia SME	DR. AZAZE @ AZIZI BIN HAJI ABDUL ADIS		FPEP	Digital Era (computing), Mathematics, Business & Economics	GANGSA
132	RD-13	"Stepping out of the ordinary": Insights on the cultural challenges and training needs of Expatriates in the Kingdom of Saudi Arabia (KSA)	DR. OSCAR DOUSIN	RINI SURYATI BINTI SULONG	FPEP	Digital Era (computing), Mathematics, Business & Economics	PERAK
133	RD-14	THE LINKAGES BETWEEN RISK PERCEPTION, ATTITUDE AND BEHAVIOURAL INTENTION: INVESTIGATION ON FINANCIAL INVESTMENT AMONG INDIVIDUALS PRIOR TO PRIME SAVING YEARS	DR. LIM THIEN SANG	MAZALAN MIFLI, RASID MAIL, ZATUL KARAMAH BINTI AHMAD BAHARUL ULUM, MOHD RAHIMIE ABD KARIM, JUNAINAH JAIDI	FPEP	Digital Era (computing), Mathematics, Business & Economics	PERAK
134	RD-15	Intuitionistic Fuzzy Set: fEEG Image Representation	DR. SUZELAWATI BINTI ZENIAN		FSSA	Digital Era (computing), Mathematics, Business & Economics	SIJIL
135	RD-16	Heckman Selection Model: A Case of Household Expenditure in Malaysia	CIK SARIMAH BINTI SURIANSHAH	GIANNI DE FRAJA, SARAH BRIDGES	FSSA	Biosciences, Forestry, Agriculture, Aquaculture, Food	SIJIL

						And Biotechnology	
136	RD-17	INTER-SUBJECT CLASSIFICATION USING RUSSELL'S 4-QUADRANT EMOTION MODEL IN VIRTUAL REALITY VIA WEARABLE EEG AND MACHINE LEARNING	PROF. DR. JASON TEO TZE WI	JAMES MOUNTSTEPHENS, NAZMI SOFIAN BIN DATUK SUHAIMI	FKI		EMAS
137	RE-01	Novel approaches for transformative educational environment in the digital era among medical and nursing students -Case study	PROFESSOR MADYA DR. MAHER FOUAD SEFEIN BESHAY	DEENA C. THOMAS, RICHARD AVOI, MOHAMED FIRDAUS, FAIRUL BIN MASNAH@KADIR, MOHAMMAD SAFREE BIN JAFFREE	FPSK	Health & Medical Sciences	SIJIL
138	RE-02	DEMOGRAPHIC AND CLINICAL CHARACTERISTICS OF TRAUMATIC SPINAL CORD INJURY PATIENTS IN A TERTIARY HOSPITAL IN KOTA KINABALU	PROFESSOR MADYA DR. KHIN NYEIN YIN	KANG BEE LEE, SHAHRIL BIN YUSOF, CHUA BEE SEOK, FATIMAH BINTI AHMEDY, OHNMAR HTWE, SYAHISKANDAR SYBIL SHAH	FPSK	Health & Medical Sciences	SIJIL
139	RE-03	"Phenothiazine" an Anti-Psychotropic Agent: Supressed Caretaker Gene and Induced Programmed Cell Death in Breast Cancer Cell	PROFESSOR DR. FALAH ABASS MOHAMED SALIH	AHMAD ZAIDI TANI , VIJAY KUMAR A/L SUBBIAH	FPSK	Health & Medical Sciences	PERAK
140	RE-04	MOLECULAR CHARACTERIZATION OF DENGUE VIRUSES FROM SANDAKANAND KUDAT, SABAH (2016-2017)	PROFESSOR MADYA DR. TIN SABAI AUNG	TIMOTHY JR GINTARONG, NOR AMALINA BINTI EMRAN, CHUA TOCK HING, WIN WIN THAN, TIN TIN THEIN	FPSK	Health & Medical Sciences	GANGSA
141	RE-05	Whole genome sequencing data and analysis of a rifampicin-resistant Mycobacterium tuberculosis strain SBH162 from	PROFESSOR DR. KAMRUDDIN AHMED	ZAINAL ARIFIN BIN MUSTAPHA, NORFAZIRAH BINTI JAMAL, CHERONIE SHELBY STANIS, JAEYRES JANI, DAISUKE MORI, CHIN KAI LING, RICHARD AVOI,	FPSK	Health & Medical Sciences	EMAS

		Sabah, Malaysia		NAING OO THA, VALENTINE GANTUL			
142	RE-06	Hyperlipidaemia Model in Rodents	DR. CAROLINE SUNGGIP	SITI KHADZIRAH DAUD, KRISHNA DILIP MURTHY, SHAILA KABIR	FPSK	Health & Medical Sciences	SIJIL
143	RE-07	Identification and molecular genetic characterization of human fatal patogen Chromobacterium Violaceum in Sabah, Malaysia Using 16S rDNA sequencing	PROFESSOR MADYA DR. MOHAMMAD ZAHIRUL HOQUE	ZULINA MAZLAN, NUR NASHYROH	FPSK	Health & Medical Sciences	PERAK
144	RE-08	Characterization of Clostridium difficile infection among paediatric populations in Sabah 2016-2019	PROFESSOR MADYA DR. MOHAMMAD ZAHIRUL HOQUE		FPSK	Health & Medical Sciences	GANGSA
145	RE-09	Indigenous fermented food in Sabah: Promising probiotics source for human health	PUAN ROSLINA BINTI JAWAN	AINOL AZIFA BINTI MOHD FAIK, MELISA ELSIE KASIMIN	FSSA	Health & Medical Sciences	PERAK
146	RE-10	Mushroom Poisoning in Sabah 2010-2019: Mushroom Species Identification Service for Medical Officers and Health Inspectors in Sabah	DR. JAYA SEELAN A/L SATHIYA SEELAN	ESTER BERNARD, AHMAD FIRDAUS BIN MOHAMED, PHAN CHIA WEI, TAN YEE SHIN, MOHAMAD HASNUL BIN BOLHASSAN, VIKINESWARY SABARATNAM	IBTP	Health & Medical Sciences	PERAK
147	RE-11	The Hepatoprotective Mechanism of Ficus lepicarpa (Moraceae) as Evinced by Differential Gene Expression	PROFESSOR MADYA DR. MOHAMMAD IQBAL	SENTY VUN SANG, KENNETH FRANCIS RODRIGUES, TEOH PEIK LIN	IPB	Health & Medical Sciences	PERAK
148	RE-12	Electrochemical sensing based Determination of mercury in cosmetic products	DR. MD. SHAFIQUZZAMAN SIDDIQUEE	SURYANI BINTI SAALLAH, NOOR HYDAYATY MD. YUSUF, NOOR AINI BOHARI, SAZMAL EFFENDI ARSHAD , MAILIN MISSON, KHAIRUL AZFAR	IPB	Health & Medical Sciences	PERAK

				KAMARUZAMAN			
149	RB-36	Hydrogeochemical Setting & Surface water Quality Trends in Ex-Copper Mine, Mamut Sabah Malaysia	PROF. DR. BABA MUSTA	PROF. DATUK DR. MOHD HARUN ABDULLAH & KYOUNG WOONG KIM, ASSIS KAMU, VEDORA JESSICA PETER	FSSA	Engineering, Physical Sciences, Environment, Energy and EcoCampus	GANGSA

SENARAI KEPUTUSAN PERTANDINGAN PENYELIDIKAN DAN REKACIPTA (PEREKA) 2019

24 - 25 OKTOBER 2019 | DEWAN KULIAH PUSAT (DKP-2), UMS

KATEGORI: INNOVATION (INOVASI)

BIL	NO. BOOTH	TAJUK	NAMA KETUA	NAMA AHLI	F/P/I	KLASIFIKASI	ANUGERAH
1	IA-01	Smart Aquaponics System	ENCIK NORDIN SAAD	AZALI BIN SAUDI, ABENTIN BIN ESTIM, SHALIZA HAYATI A. WAHAB, SYAMMIRUL RASHID	FKI	Biosciences, Forestry, Agriculture, Aquaculture, Food And Biotechnology	SIJIL
2	IA-02	Solar-Powered Food Dryer	DR. MOHD. KAMEL WAN IBRAHIM	B. NORERAMA B. PAGUKUMAN, WAN KHAIRUL MUZAMMIL BIN ABD RAHIM	FKJ	Biosciences, Forestry, Agriculture, Aquaculture, Food And Biotechnology	GANGSA
3	IA-03	Development of Chocolate with Wood Ear Mushroom	PROFESSOR MADYA DR. PATRICIA @ PATRICIA CLEMENTINA MATANJUN	SHARIFUDIN MD. SHAARANI , WOLYNA BINTI PINDI, GOH CHIEW YONG , SYAZZ ASLYM SHENN BIN SAMSUDIN , TAN YAW PANG , AINA FATIN BINTI AZIZAN , LIEW YANN LING , MUNIRAH BINTI ISMAIL , NOOR NABIHAH ANIS BINTI NAWAWI , NUR FADHILAH BINTI MOHD NAZRI , PATRICIA ALICE ANAK DISA	FSMP	Biosciences, Forestry, Agriculture, Aquaculture, Food And Biotechnology	EMAS
4	IA-04	CooLat: Healthy Instant Noodle with Wood Ear Mushroom	PROFESSOR MADYA DR. PATRICIA @ PATRICIA CLEMENTINA MATANJUN	DG NUR SHAFANADIRAH BINTI AG. SULAIMAN, MUHAMMAD KAMIL BIN ZAKARIA	FSMP	Biosciences, Forestry, Agriculture, Aquaculture, Food And Biotechnology	PERAK

5	IA-05	YAFUKUTM – A PLANT-BASED SNACK	DR. MANSOOR ABDUL HAMID	NOOR NAZRATULHASANAH BT MASLI, CHYE FOOK YEE , BABAK RASTI, MOHD EZZAT AJMAL BIN ROSDIN, HAFIQAH SYAZWANI BINTI HASSANUDIN, FADHILAH BINTI MAT ARIF, LAW PEI PEI, CHONG YUNG KEY, PEE ZHI PING, ANISS AMIRA BINTI ANUAR	FSMP	Biosciences, Forestry, Agriculture, Aquaculture, Food And Biotechnology	GANGSA
6	IA-06	Tallo De BananoTM – A unique and healthy choice of snack	DR. MANSOOR ABDUL HAMID	NORSHAFIKA BINTI AZMI, CHYE FOOK YEE , BABAK RASTI, ROS NURAMIRAH BINTI MOHD. KHAIRI, NOR SALMI BINTI MOHD. RADHI, MOHD. IRWAN BIN DAHALAN, AMIRAH SAFIRAH BINTI MOHD. JAME, NUR NASUHA BINTI HARUN, KHAIRUNISAH BINTI KASSIM	FSMP	Biosciences, Forestry, Agriculture, Aquaculture, Food And Biotechnology	PERAK
7	IA-07	Jack`s JelloTM – Crystal Candy	DR. MANSOOR ABDUL HAMID	CHYE FOOK YEE , BABAK RASTI, MIERA NAZIRAH BINTI MUSTAPA , FATHEEN NURFARAHIN BINTI WAHIDI, UMI RASYIEDAH BINTI MARUP, LIAH ATASHAH BINTI ALI HASSAN, LUM LEI KAM , FOO TING TING , NURUL HASANATUL FADHILAH BINTI MOHD. SAUFI	FSMP	Biosciences, Forestry, Agriculture, Aquaculture, Food And Biotechnology	GANGSA
8	IA-08	VCo Pudding	DR. FAN HUI YIN	BRENDA KO ZHIJIA	FSMP	Biosciences, Forestry, Agriculture, Aquaculture, Food And Biotechnology	PERAK
9	IA-09	MUSHROOM-BASED VEGAN SAMBAL	DR. WOLYNA BINTI PINDI	NADIATUL NAJWA BINTI HAMADAN, NURUL IZZATY BINTI NORIZAN, PATRICIA @ PATRICIA CLEMENTINA MATANJUN, NURUL NATASHA BINTI ZAIFULHIZAM, SHARIFUDIN MD.	FSMP	Biosciences, Forestry, Agriculture, Aquaculture, Food And Biotechnology	PERAK

				SHAARANI , SU XIN YI, TAN QIU TING, VONNIE MERILLYN JOSEPH, NURUL NAJIAH BINTI ZAHARI, NURUL'AIN NATASHA BINTI RIVOLDIANTOE, PAUL ROVO, STAZEY FENNY CHIN			
10	IA-10	FIBRE-RICH PATTIES - Banana peel flour in chicken patty	DR. WOLYNA BINTI PINDI	HANA BINTI MOHD ZAINI, MOHD DONA BIN SINTANG	FSMP	Biosciences, Forestry, Agriculture, Aquaculture, Food And Biotechnology	PERAK
11	IA-11	Mulberry Isotonic Drinks	DR. NOR QHAIRUL IZZREEN BINTI MOHD NOOR	LORRYRIANA PETER, AMILA SURIANA LENTI ANAK JIMBAU, RABIATUL AMIRAH RAMLI, UMI HARTINA BINTI MOHD RAZALI, AZNIZA BINTI MAHYUDIN, FIFFY HANISDAH BINTI SAIKIM	FSMP	Biosciences, Forestry, Agriculture, Aquaculture, Food And Biotechnology	EMAS
12	IA-12	Clarified Bambang Juice	DR. JUMARDI BIN ROSLAN	MD JAHURUL HAQUE AKANDA, NOR QHAIRUL IZZREEN BINTI MOHD NOOR, MOHD DONA BIN SINTANG, NOORAKMAR BINTI AB. WAHAB, ANGELINA ROSSA JAIDAN, NURULAIN NATASHA RIVOLDIANTOE, SURYANI BINTI SAALLAH, AHMAD RIDUAN BIN BAHAUDDIN, HAY CHYE LING	FSMP	Biosciences, Forestry, Agriculture, Aquaculture, Food And Biotechnology	PERAK
13	IA-13	Rapid Isolation of Collagen from Sea Cucumber (Holothuria scabra)	DR. JUMARDI BIN ROSLAN	FATIN AMIRA BINTI ROSMAN, NURSYAMIZA BINTI MUSTAFA, NURUL NADJWA BINTI ZAKARIA, SURYANI BINTI SAALLAH, WOLYNA BINTI PINDI, MOHD. ROSNI BIN SULAIMAN	FSMP	Biosciences, Forestry, Agriculture, Aquaculture, Food And Biotechnology	PERAK
14	IA-14	Hybrid polymer film for	DR. ROVINA KOBUN	VONNIE MERILLYN JOSEPH, MUAZ BIN	FSMP	Biosciences, Forestry, Agriculture,	EMAS

		monitoring fish products		ROSLIN		Aquaculture, Food And Biotechnology	
15	IA-15	Edible Plastic Straw (EDIPLASTRAW)	DR. JOKO SULISTYO	LUQMANULHAKIM BIN IMBRAN, NADIATUL NAJWA BINTI HAMADAN, SUJINDRAN A/L R BALAKRISHNAN, ROMATHY A/P SARAVANAN	FSMP	Biosciences, Forestry, Agriculture, Aquaculture, Food And Biotechnology	PERAK
16	IA-16	Smart Bio-plastic Packaging (SMARTIC-PACK)	DR. JOKO SULISTYO	ROVINA KOBUN, NOR QHAIRUL IZZREEN BINTI MOHD NOOR	FSMP	Biosciences, Forestry, Agriculture, Aquaculture, Food And Biotechnology	PERAK
17	IA-17	SPICY SHIITAKE RENDANG	PROFESSOR DR. SHARIFUDIN MD. SHAARANI	WOLYNA BINTI PINDI, IYLIA FARHANA BINTI RADHI, LORRYRIANA PETER, MICHELLE HENRY, NUR SHAHIRAH BINTI BAHARIN, OOI YI TIAN, SAMANTHA LEE SHIUAN ERL, THEIEN LEE TENG, NURSYAMIZA BINTI MUSTAFA, NURUL FARAHANA BINTI SENIN, VIKNESWARI A/P RAVICHANDRAN , SHARIFUDIN MD. SHAARANI , PATRICIA @ PATRICIA CLEMENTINA MATANJUN	FSMP	Biosciences, Forestry, Agriculture, Aquaculture, Food And Biotechnology	PERAK
18	IA-18	A Novel Technique to Detect Early Infection of Ganoderma boninense in Oil Palm	PROFESSOR MADYA DR. CHONG KHIM PHIN	JEDOL DAYOU, MARCELLA LENNIE MICHEAL	FSSA	Biosciences, Forestry, Agriculture, Aquaculture, Food And Biotechnology	EMAS
19	IA-19	SYNTHETISATION OF PROCAINAMIDE SEPHAROSE CL-6B: AN AFFINITY MATRIX FOR CHOLINESTERASE SEPARATION	DR. MOHD KHALIZAN BIN SABULLAH	MOHD YUNUS ABD. SHUKOR, SITI AISHAH MUHAMMAD KHALIDI, NUREEN NORDIN, SITI AQLIMA AHMAD	FSSA	Biosciences, Forestry, Agriculture, Aquaculture, Food And Biotechnology	GANGSA

		AND PURIFICATION					
20	IA-20	Moisture Ball	ENCIK AG. AHMAD B. MOHD. YUNUS		FSSA	Biosciences, Forestry, Agriculture, Aquaculture, Food And Biotechnology	PERAK
21	IA-21	Ayam Penelur Ginseng	ENCIK AG. AHMAD B. MOHD. YUNUS	BERHAMAN BIN AHMAD	FSSA	Biosciences, Forestry, Agriculture, Aquaculture, Food And Biotechnology	EMAS
22	IA-22	A Healthy Probiotic Fortified instant drink from <i>Garcinia parvifolia</i> (Takob-akob).	ENCIK JULIUS KULIP		IBTP	Biosciences, Forestry, Agriculture, Aquaculture, Food And Biotechnology	GANGSA
23	IA-23	Natural UV Protection Functionality of Secondary Metabolites from <i>Mt Alab Snow Lichen</i> , <i>Stereocaulon</i> spp.	PROFESSOR DR. CHARLES SANTHANARAJU A/L VAIRAPPAN	LIM JING KAE, MOHAMMAD SHAHRUL SHAHPUAN	IBTP	Biosciences, Forestry, Agriculture, Aquaculture, Food And Biotechnology	GANGSA
24	IA-24	New Natural Drug for Fungal Infection in Tropical Crustacean Hatchery	PROFESSOR DR. CHARLES SANTHANARAJU A/L VAIRAPPAN	VIVIAN SIEN SHI TING, KAZUKI TANI, PHAN CHIN SOON, TAKASHI KAMADA	IBTP	Biosciences, Forestry, Agriculture, Aquaculture, Food And Biotechnology	PERAK
25	IA-25	Production of tropical-adapted strawberry by tissue culture	DR. WILSON YONG THAU LYM	KENNETH FRANCIS RODRIGUES	IPB	Biosciences, Forestry, Agriculture, Aquaculture, Food And Biotechnology	GANGSA
26	IA-26	OrganoPhoBooster Bio-fertilizer (OPB-Biofert): Phosphate Solubilizing Bacteria Consortium from Danum Valley Tropical	DR. CAHYO BUDIMAN	HERMAN UMBAU LINDANG, VIJAY KUMAR A/L SUBBIAH, KENNETH FRANCIS RODRIGUES	IPB	Biosciences, Forestry, Agriculture, Aquaculture, Food	GANGSA

		Forest				And Biotechnology	
27	IA-27	YoBro Milk Curd: A non-fermented yoghurt-like product using bromelain from MD2-pineapple	DR. CAHYO BUDIMAN	VIJAY KUMAR A/L SUBBIAH, KHAIRUL AZFAR BIN KAMARUZAMAN, RAFIDA RAZALI, RAIMALYNAH ABD RAZAK	IPB	Biosciences, Forestry, Agriculture, Aquaculture, Food And Biotechnology	GANGSA
28	IA-28	A disruptive innovation for synergistic remediation of water quality for sustainable aquaponics using biodegradable chitosan extracted from shrimp waste	PROF. MADYA DR. ABENTIN BIN ESTIM	SYAFIQAH SAUFIE, SALEEM MUSTAFA	IPMB	Biosciences, Forestry, Agriculture, Aquaculture, Food And Biotechnology	GANGSA
29	IA-29	Enhancing sustainability and production efficiency of Japanese Catfish (<i>Silurus asotus</i>) in captivity using an artificial microhabitat mosaic	PROF. MADYA DR. ABENTIN BIN ESTIM	NUR EFFA ARSIN, SALEEM MUSTAFA	IPMB	Biosciences, Forestry, Agriculture, Aquaculture, Food And Biotechnology	SIJIL
30	IA-30	Zeamays fish patties	ENCIK AHMAD SHAKANI BIN ABDULLAH	IKLIMA HUSNA BINTI ABDUL RAHIM, MARRY TRACY ANAK PAWAN	FPEP	Social sciences, humanities, arts, physiology, education & educational aids	PERAK
31	IA-31	PANTAS 100	ENCIK AG. AHMAD B. MOHD. YUNUS		FSSA	Social sciences, humanities, arts, physiology, education & educational aids	PERAK
32	IA-32	Low Calorie Cucumis Sativus L. Juice (Local Cucumber) With Added Tualang Honey	PROFESSOR MADYA DR. AMIR HUSNI BIN MOHD SHARIFF	JOKO SULISTYO, NURUL HUDA, MACDALYNA ESTHER RONIE, NUR SHAHIRAH BAHARIN	FSMP	Biosciences, Forestry, Agriculture, Aquaculture, Food And Biotechnology	GANGSA

33	IB-01	Earthquake Early Warning Systems for Schools in Ranau District	PROFESSOR MADYA DR. SYED NASIRIN BIN SYED ZAINOL ABIDIN	GOH SAY LENG, DINNA@ NINA BT. MOHD. NIZAM, IZA AZURA AHMAD BAHAR, AZALI BIN SAUDI	FKI	Engineering, Physical Sciences, Environment, Energy and EcoCampus	PERAK
34	IB-02	WorkKeep! – A Personalize Academic Workload Calculation	DR. NORAZLINA BINTI KHAMIS	CHIN PEI YEE, NUR NIQMAH ATIRA BINTI BADEAN	FKI	Engineering, Physical Sciences, Environment, Energy and EcoCampus	SIJIL
35	IB-03	Development of Interactive UMS Eco-Campus Tourist Information Apps Using Location-Based Augmented Reality	CIK NORHAYATI BINTI DAUT	SITI HASNAH BINTI TANALOL, NUR SYUKRIYAH BT AIDY, ASNI TAHIR, MOHD. HANAFI BIN AHMAD HIJAZI, AZALI BIN SAUDI	FKI	Engineering, Physical Sciences, Environment, Energy and EcoCampus	GANGSA
36	IB-04	DEVELOPMENT OF AN EXPERT SYSTEM TO MANAGE TRAFFIC CALMING AT UNIVERSITY	DR. MOHD AZIZUL BIN LADIN	SARAH LOUNIRA LUCIUS	FKJ	Engineering, Physical Sciences, Environment, Energy and EcoCampus	SIJIL
37	IB-05	An Innovative Production Method of Interlocking Brick System for Green Building Construction	PROFESSOR IR DR. ABDUL KARIM BIN MIRASA	DR. CHONG CHEE SIANG , NURUL SHAHADAHTUL AFIZAH BT. ASMAN, EDDY SYAIZUL RIZAM BIN ABDULLAH, AMIRA BINTI AMEER	FKJ	Engineering, Physical Sciences, Environment, Energy and EcoCampus	EMAS
38	IB-06	Night Purging of Atrium - an Efficient Technique by Natural Ventilation	PROFESSOR DR. CHU CHI MING	MOHD SUFFIAN BIN MISARAN @ MISRAN, SIVAKUMAR KUMARESAN	FKJ	Engineering, Physical Sciences, Environment, Energy and EcoCampus	PERAK
39	IB-07	Artificial Intelligent Multi-Hop Plantation Logger	DR. KENNETH TEO TZE KIN	ISMAIL SAAD, RENEE CHIN KA YIN, HERWANSYAH BIN LAGO, TAN MIN KENG, LIM KIT GUAN, VINCENT CHUNG KHAI SIANG, HAMZARUL ALIF BIN HAMZAH	FKJ	Engineering, Physical Sciences, Environment, Energy and EcoCampus	PERAK

40	IB-08	IRSense : A Contactless Device-free Identification for Indoor Environment Using a 7.29 GHz Impulse Signals with 1.4 GHz Bandwidth Radar	DR. RAZAK MOHD. ALI LEE	TERENCE JEROME DAIM	FKJ	Engineering, Physical Sciences, Environment, Energy and EcoCampus	PERAK
41	IB-09	UMS Eco-Solar House	PROF. MADYA DR. JIDON @ ADRIAN BIN JANAUN	DR. SAW HORNG YUAN, ANEESCH PREETHA A/P VIDA NAIGAM, IRFAN MUBASIR BIN MHD RIDZUAN, IVAN ISAAC DANNY	FKJ	Engineering, Physical Sciences, Environment, Energy and EcoCampus	EMAS
42	IB-10	MOBILE OPERATION UNIT FOR FAST RESPONSE EMERGENCY TEAM	ENCIK MOHD SUFFIAN BIN MISARAN @ MISRAN	MOHD ADZRIE HJ RADZALI, ABDUL KARIM BIN MIRASA, ISMAIL SAAD, MURALINDRAN MARIAPPAN, AHMAD NURFAIDHI RIZALMAN, HIDAYATI BTE ASRAH, MOHD KAMEL WAN IBRAHIM	FKJ	Engineering, Physical Sciences, Environment, Energy and EcoCampus	EMAS
43	IB-11	SHAKING TABLE STUDY AND MODELLING OF SMALL SCALE BULDINGS UNDER SEISMIC LOADING FOR EDUCATIONAL PURPOSE ANALYSIS	DR. NOOR SHEENA HERAYANI BINTI HARITH	NUR IZZUDDIN BIN ABU, NUR IZZATI HUSNA BINTI HASSAN, NUR AFIFAH BINTI KASSIM, SAMNURSIDAH BINTI SAMIR, FATIN ATIQA BINTI MD YUNOS, ISABELLA BOY SETANIS	FKJ	Engineering, Physical Sciences, Environment, Energy and EcoCampus	SIJIL
44	IB-12	UNSTRUCTURED ELECTRICAL IMPEDANCE TOMOGRAPHY USING AD HOC SENSOR NODE	PROFESSOR DR. ALI CHEKIMA	RENEE CHIN KA YIN, JAMAL AHMAD DARGHAM, ABBAS IBRAHIM MBULWA, ABBAS IBRAHIM MBULWA, YEW HOE TUNG, OTHMAN BIN AHMAD, RAZAK MOHD. ALI LEE	FKJ	Engineering, Physical Sciences, Environment, Energy and EcoCampus	SIJIL
45	IB-13	Roti Jala Machine	DR. MOHD. KAMEL WAN IBRAHIM	RACHEL FRAN MANSA, AZALI BIN SAUDI, MOHD SUFFIAN BIN MISARAN @ MISRAN	FKJ	Engineering, Physical Sciences, Environment, Energy and EcoCampus	GANGSA
46	IB-14	Tsunami Survival POD	PROFESSOR DR. KHIN	DR MAY HONEY OHN, KENNETH TEO	FPSK	Engineering, Physical	SIJIL

			MAUNG OHN @ ARIF	TZE KIN		Sciences, Environment, Energy and EcoCampus	
47	IB-15	Solar Powered - Monolithic 2 in 1 Water Filtration System	DR. CLARENCE M. ONGKUDON	ALDRIN FELIX ANAK SIMBAS	IPB	Engineering, Physical Sciences, Environment, Energy and EcoCampus	PERAK
48	IB-16	Application of new knowledge in reef fish behaviour as scientific criteria for the planned deployment of artificial reef structures	DR. BERNARDETTE MABEL MANJAJI MATSUMOTO	DAVIES AUSTIN SPIJI, ZARINAH WAHEED	IPMB	Engineering, Physical Sciences, Environment, Energy and EcoCampus	SIJIL
49	IC-01	Dusun Language Mobile Learning Applications	CIK ASNI TAHIR	SITI HASNAH BINTI TANALOL, SAMRY@MOHD SHAMRIE SAININ, NURUL FARAHIN HIKMATULLAH BINTI DARWISAL	FKI	Social sciences, humanities, arts, physiology, education & educational aids	EMAS
50	IC-02	Introducing Sabah Using 2D Animation	ENCIK AHMAD RIZAL BIN AHMAD RODZUAN	GOH SAY LENG, ESMADI ABU BIN ABU SEMAN, A. NIRA JAIDY, WAN NOORAISHYA BINTI WAN AHMAD	FKI	Social sciences, humanities, arts, physiology, education & educational aids	GANGSA
51	IC-03	Learning Jawi Through AR and Gamification	PUAN SITI HASNAH BINTI TANALOL	MOHD AIDIL SAFWAN BIN BACHO, ASLINA BINTI BAHARUM, ASNI TAHIR, NG GIAP WENG	FKI	Social sciences, humanities, arts, physiology, education & educational aids	EMAS
52	IC-04	Inovasi Peralatan Menangkap Ikan Berkonsepkan Hybrid Teknologi Tradisi dan Moden untuk kegunaan Nelayan Pesisir Pantai	PROFESSOR DR. ISMAIL ALI	MOSLI BIN TARSAT, MASSALINRI BIN MOHD TAHIR	FKSW	Social sciences, humanities, arts, physiology, education & educational aids	GANGSA

53	IC-05	"Jom Bah Explore Sabah": From Storybook to Interactive Board Game	CIK JINKY JANE C SIMEON	JACQUELINE PUGH-KITINGAN, IAN STEPHEN BAXTER, PAULINE YONG PAU LIN, ESTERLINA MOO CHIN LEN BINTI LAZARUS	FKSW	Social sciences, humanities, arts, physiology, education & educational aids	EMAS
54	IC-06	Peacebuilding and Sustainable Human Development- A Development Framework for RSD Conflict and Peace Process	DR. AYESAH UY ABUBAKAR		FKSW	Social sciences, humanities, arts, physiology, education & educational aids	NULL
55	IC-07	Compatible approaches for Ear,Nose & Throat education	PROFESSOR MADYA DR. MAHER FOUAD SEFEIN BESHAY	NORBERT MARTIN	FPSK	Social sciences, humanities, arts, physiology, education & educational aids	EMAS
56	IC-08	Story of Bornean Mushrooms with Augmented Reality	DR. JAYA SEELAN A/L SATHIYA SEELAN	NG GIAP WENG, ANGELINE LEE LING SING, FENG LIYING , WONG CHUN YUNG , TIVYA AINGARI GANESAN	IBTP	Social sciences, humanities, arts, physiology, education & educational aids	SIJIL
57	IC-09	Learning English Grammar and Vocabulary Using GVscapes	DR. ESTHER BINTI JAWING	SITI HASNAH BINTI TANALOL	PPIB	Social sciences, humanities, arts, physiology, education & educational aids	EMAS
58	ID-01	Work Attendance System (Mobile Apps)	PUAN HADZARIAH BINTI ISMAIL	KOH WEI TENG, DINNA@ NINA BT. MOHD. NIZAM, CAROLYN BT. SALIMUN@JACKSON	FKI	Digital Era (computing), Mathematics, Business & Economics	NULL
59	ID-02	Qmo? - Online Collaborative Tool	PUAN HADZARIAH BINTI ISMAIL	ASNUR HAFIZAH ILYA BINTI ABDUL SALIM, DINNA@ NINA BT. MOHD. NIZAM	FKI	Digital Era (computing), Mathematics, Business &	NULL

						Economics	
60	ID-03	Person Identification and Tracking Based on Deep Learning Architecture	PROFESSOR MADYA DR. RAYNER ALFRED	RAYNER PAILUS	FKI	Digital Era (computing), Mathematics, Business & Economics	SIJIL
61	ID-04	Landing Fees System	PUAN IZA AZURA AHMAD BAHAR	NUR RAZANI AMALINA ABDUL RAZAK, SYED NASIRIN BIN SYED ZAINOL ABIDIN	FKI	Digital Era (computing), Mathematics, Business & Economics	GANGSA
62	ID-05	Sistem Semakan Ejaan Kadazandusun	DR. SAMRY@MOHD SHAMRIE SAININ	ASNI TAHIR, SURAYA BINTI ALIAS	FKI	Digital Era (computing), Mathematics, Business & Economics	SIJIL
63	ID-06	LiBOT - Internship Chatbot Assistance for Higher Education using Social Conversation Corpus.	DR. SURAYA BINTI ALIAS	SAMRY@MOHD SHAMRIE SAININ, TAN SOO FUN, NORHAYATI BINTI DAUT	FKI	Digital Era (computing), Mathematics, Business & Economics	GANGSA
64	ID-07	DeColourAR: A Multi-Markers Interaction Augmented Reality Cheongsam Colouring Book	PROF. MADYA DR. NG GIAP WENG	AG. ASRI BIN AG. IBRAHIM, MUZAFFAR BIN HAMZAH, ANGELINE LEE LING SING, ANG SIAO YING, FENG LIYING, WONG CHUN YUNG, LEAU YU BENG	FKI	NOT STATED	EMAS
65	ID-08	KK e-Park – An Alternative Towards Cashless Parking System	DR. NORAZLINA BINTI KHAMIS	TAN SOO FUN, SARAH NAFISA BINTI ROSLI	FKI	Digital Era (computing), Mathematics, Business &	EMAS

						Economics	
66	ID-09	Kadazandusun Text Translation	DR. SAMRY@MOHD SHAMRIE SAININ	ASNI TAHIR, SURAYA BINTI ALIAS	FKI	Digital Era (computing), Mathematics, Business & Economics	SIJIL
67	ID-10	Class Attendance Management System (CAMS)	DR. NOORALISA BINTI MOHD TUAH	NURUL NATASHA SIA BINTI AMIN, AINNUR HAFIZAH BINTI ANUAR MOKHTAR, SOFFRI BIN YUSSOF, DINNA@ NINA BT. MOHD. NIZAM, MUZAFFAR BIN HAMZAH	FKI	Digital Era (computing), Mathematics, Business & Economics	SIJIL
68	ID-11	Indoor Roaming Activities Detection and Analysis of Elderly People Using RFID Technology	PROFESSOR MADYA DR. AG. ASRI BIN AG. IBRAHIM	KASHIF NISAR, YEOH KENG HZOU	FKI	Digital Era (computing), Mathematics, Business & Economics	GANGSA
69	ID-12	Low Cost IoT Based Water Distribution Tank Management System	PUAN SITI HASNAH BINTI TANALOL	MOHD NAZRIN SYAHIRAN BIN SABRAN, NORDIN SAAD, SHALIZA HAYATI A. WAHAB, ASLINA BINTI BAHARUM	FKI	Digital Era (computing), Mathematics, Business & Economics	SIJIL
70	ID-13	Mobile Augmented Reality Positioning System (MARPS) for UMS Aquarium Tourism Using Estimote Bluetooth Device	PUAN SITI HASNAH BINTI TANALOL	NG GIAP WENG, AG. ASRI BIN AG. IBRAHIM, FENG LIYING, WONG CHUN YUNG , MUZAFFAR BIN HAMZAH, ANGELINE LEE LING SING	FKI	Digital Era (computing), Mathematics, Business & Economics	SIJIL
71	ID-14	Smart Dental Mobile App	DR. ZAMHAR ISWANDONO BIN AWANG ISMAIL	DR MAARTEN VAN DER HORST, AG. ASRI BIN AG. IBRAHIM, NG GIAP WENG	FKI	Digital Era (computing), Mathematics,	SIJIL

						Business & Economics	
72	ID-15	LABUAN MUSEUM AUGMENTED REALITY MOBILE APPLICATION	DR. ZAMHAR ISWANDONO BIN AWANG ISMAIL	CHAN BAO YEE	FKI	Digital Era (computing), Mathematics, Business & Economics	SIJIL
73	ID-16	Hospital Queen Elizabeth Budget Monitoring System	DR. LAI PO HUNG	NORMAH BINTI ABDUL GHAPUR, RAHMATULFATHIAH BINTI SAMSURI, NG GIAP WENG, WONG CHUN YUNG	FKI	Digital Era (computing), Mathematics, Business & Economics	GANGSA
74	ID-17	Video Images Processing in Smartphone (VIPS) for Measuring Vital Signs	DR. KHONG WEI LEONG	MURALINDRAN MARIAPPAN, CHONG CHEE SIANG	FKJ	Digital Era (computing), Mathematics, Business & Economics	EMAS
75	ID-18	Website Development Platform for Online Organic Farming	DR. TOH PEI SUNG	IKLIMA HUSNA ABDUL RAHIM	FPEP	Digital Era (computing), Mathematics, Business & Economics	GANGSA
76	ID-19	SMART Personal Financial Management	DR. NELSON LAJUNI	DINNA@ NINA BT. MOHD. NIZAM, SITI HAJAR BINTI SAMSU, LIM THIEN SANG	FPEP	Social sciences, humanities, arts, physiology, education & educational aids	GANGSA
77	IE-01	Elderly Fall Detection and Location Tracking System Using Heterogeneous Wireless	DR. YEW HOE TUNG	CHUNG SENG KHEAU @ UNTUNG BIN NGEN FUI, ALI CHEKIMA, NELBON GILOI, SYED SHAJEE HUSAIN, JAMAL	FKJ	Health & Medical Sciences	SIJIL

		Networks		AHMAD DARGHAM, NG MING FUNG			
78	IE-02	Remotely Analyzing Images for Self-Health Evaluation (RAISE)	DR. KHONG WEI LEONG	CHONG CHEE SIANG, MURALINDRAN MARIAPPAN	FKJ	Health & Medical Sciences	SIJIL
79	IE-03	NiO nanoparticles induced cytotoxicity mediated through ROS generation and impairing the antioxidant defense in the human lung epithelial cells (A549): Preventive effect of Pistacia lentiscus essential oil	PROFESSOR DUDUKU KRISHNAIAH		FKJ	Health & Medical Sciences	SIJIL
80	IE-04	Modified approach to teaching food toxicants particularly pesticide exposure.	PROFESSOR MADYA DAVID @ CHRISTOPHER MATANJUN	MD. SHAMSUR RAHMAN, FREDIE ROBINSON, FALAH ABASS MOHAMED SALIH, AZA SHERIN BINTI MOHAMAD YUSUFF, MARIANNE WONG JIA JIAH, MAHER FOUAD SEFEIN BESHAY, DAVID @ CHRISTOPHER MATANJUN	FPSK	Health & Medical Sciences	SIJIL
81	IE-05	Basic Anatomy & Physiology Course for Nurses : Empowering Nurses through Education via SMART-CNE	PUAN DEENA @ CLARE THOMAS		FPSK	Health & Medical Sciences	PERAK
82	IE-06	SHRINK: an innovative board game to teach undergraduate psychiatry	DR. NICHOLAS PANG TZE PING	EUGENE KOH	FPSK	Health & Medical Sciences	SIJIL
83	IE-07	SMART-STRUCTURAL TECHNOLOGY FOR MOBILE CLINICAL HEALTHCARE CENTRE	PROFESSOR DR. YEO KIAM BENG @ ABDUL NOOR	MALEHAH MOHD NOH, MOHD. YUSOF HJ IBRAHIM, LOO JIANN LIN, CHUAH SIANG YOONG	FPSK	Health & Medical Sciences	SIJIL
84	IE-08	Pharmacokinetic Parameters of Drugs: A Simplified Approach to	DR. MD. SHAMSUR RAHMAN	DAVID @ CHRISTOPHER MATANJUN, MOHD.HIJAZ MOHD SANI, PRANEETHA	FPSK	Health & Medical Sciences	SIJIL

		Study in Pharmacology		PALASUBERNIAM			
85	IE-09	EURYCOMA SILVER NANOPARTICLES	DR. PASUPULETI VISWESWARA RAO		FPSK	Health & Medical Sciences	PERAK
86	IE-10	NOLASICHOL 2.0 (NOBEL LAPAROSCOPIC CHOLECYSTECTOMY SIMULATOR 2.0)	DR. NIK AMIN SAHID BIN NIK LAH	MOHD FIRDAUS BIN MOHD HAYATI, AUNG MRA, CHRISTOPHER LIM NYEN HON, TUN AUNG, CHALLA VENKATA RAO	FPSK	Health & Medical Sciences	PERAK
87	IE-11	VCProtect-Surgical-Mask	DR. NIK AMIN SAHID BIN NIK LAH	MOHD FIRDAUS BIN MOHD HAYATI, CHRISTOPHER LIM NYEN HON, AUNG MRA, TUN AUNG, CHALLA VENKATA RAO	FPSK	Health & Medical Sciences	GANGSA
88	IE-12	Potent Anti-Inflammation/Anti-Cancer Properties and Microarray Gene Expression of Cembrane Type Lead Pharmaceutical	PROFESSOR DR. CHARLES SANTHANARAJU A/L VAIRAPPAN	TAKASHI KAMADA, KAZUKI TANI, PHAN CHIN SOON	IBTP	Health & Medical Sciences	EMAS