

DEPARTMENT OF CHEMICAL ENGINEERING & ENERGY SUSTAINABILITY**FYP2 SYMPOSIUM****Session 2014/2015 Semester 2****DATE: 7th July 2015****VENUE: TR5**

Time	No.	Project Title	Matric No.	Name	Supervisor
9.00-9.20AM	1	Characterization of PLA-Based Nanocomposites in Biomedical Applications	33544	Yong Hui Sun	Dr. Md. Rezaur Rahman
9.20-9.40AM	2	Preparation and Characterization of Chemically Modified Kenaf Fiber Reinforced Unsaturated Polyester Bio-	32153	Nur Hazwani binti Abu Bakar	Dr. Md. Rezaur Rahman
9.40-10.00AM	3	Production and Characterisation of Biocoal from Agricultural Biomass using Microwave-Induced Torrefaction	31908	Norhidayah Mohamad Shafee	Dr. Ivy Tan Ai Wei
10.00-10.20AM	4	Fixed-bed Column Study for Adsorption of Cadmium on Oil Palm Shell-derived Activated Carbon	30814	Ling Chai Ping	Dr. Ivy Tan Ai Wei
10.20-10.40AM	5	Extraction of Essential Oil from Cinnamon: Experimental and kinetic Analysis	31167	Mohd. Fahmi Nizam bin Mohamad Fathi	Dr Rubiyah Bains
10.40-11.00AM	6	Effect of different drying techniques on the quality of dried fruit	32249	Nur Syaidatul Ainn binti Mohidi	Dr Rubiyah Bains
11.00-11.20AM	7	Potential of Palm Kernel Shell (PKS) As Carbon Support to Bimetallic Catalyst (Mn-Ce) in Hydrocarbon Selective Catalytic Reduction of NO _x	33242	Tan Yong Chin	Mr. Ibrahim Yakub
11.20-11.40AM	8	Potential of Palm Kernel Shell (PKS) As Carbon Support to Bimetallic Catalyst (Cu-Ce) in Hydrocarbon Selective Catalytic Reduction NO _x	30976	Melvina Tan	Mr. Ibrahim Yakub
11.40-12.00PM	9	The Extraction of Antioxidant from Oxidized Musa Sp. Fruit Using Soxhlet: Optimization Study by Box-Behnken Method	32459	Nurul Hidayah binti Ja'afar	Mr. Khairul Anwar bin Mohamad Said
12.00-12.20PM	10	Extraction of Fresh Banana Peel by Using Ultrasonic-Assisted Extraction (UAE): An Optimization Study by Box Behnken Method	32178	Nur Izzati binti Zaidel	Mr. Khairul Anwar bin Mohamad Said

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2.00-2.20PM	11	Optimization of PID Tuning Using Genetic Algorithm	33270	Tengku Ahmad Faris Ku Yusoff	Mr. Mohd Farid Atan
2.20-2.40PM	12	Optimisation of Mathematical Model of Cymbopogon Winterianus Essential Oil Extraction By Steam Distillation	31598	Nik 'Amirah Farhana Nik Ahmad Lutfi	Mr. Mohd Farid Atan
2.40-3.00PM	13	Effects of Salinity and pH on The Growth of Seawater Microalgae	31335	Muhammad Afiq b. Zainal Abidin	AP Dr Khairuddin Sanullah
3.00-3.20PM	14	Experimental Studies of Air-Water Two-Phase Flow in Micro-channel	30518	Jimmy ak. Gon	AP Dr Khairuddin Sanullah
3.20-3.40PM	15	Removal of Aqueous Contaminants using Cassava Peel	31218	Mohd. Iqmal bin Mamat	Dr. Lim Soh Fong
3.40-4.00PM	16	Removal of Aqueous Contaminants using Banana Peel	32729	Ruban A/L Ramachandran	Dr. Lim Soh Fong
4.00-4.20PM	17	Modelling and Optimisation of Densified Palm Oil Industry Biomass Wastes for Sustainable Power Generation in Southern Sarawak	30013	Diza Shahira Che Mat Din	Mr. Nazeri Abdul Rahman
4.20-4.40PM	18	Modelling and Optimisation of Densified Palm Oil Industry Biomass Wastes for Sustainable Power Generation in Northern and Central Sarawak	29680	Augrey Ak Wallace Justin	Mr. Nazeri Abdul Rahman

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Time	No.	Project Title	Matric No.	Name	Supervisor
9.00-9.20AM	1	Biodiesel Production and Emission Study	31068	Mohammad Ridzuan bin Mohamed Nordin	Prof. Dr. Mohammad Omar Abdullah
9.20-9.40AM	2	A Stand Alone MFC System for Wastewater Treatment and Bioenergy	31212	Mohamad Helmi bin Kamil	Prof. Dr. Mohammad Omar Abdullah
9.40-10.00AM	3	Design Study of Microbial Fuel Cell by Using Palm Oil Mill Effluent As A Substrate	31913	Norimah binti Amat Sailan	Mdm. Noraziah Abdul Wahab
10.00-10.20AM	4	The Study of Organic Waste Conversion into Electrical Energy through Microbial Fuel Cell	32384	Nurul Afiqah Binti Zaidi	Mdm. Noraziah Abdul Wahab
10.20-10.40AM	5	Effect of Power and Time of Microwave-pyrolyzer on the Conversion of Plastic Waste into Liquid Hydrocarbons	30340	Hazeliana Henry	Mdm. Nur Syuhada Ahmad Zauzi
10.40-11.00AM	6	Effects of Acid Treatment to the Physiochemical Properties of Aluminium Dross	30419	Ili-Mastura binti Mashudi	Mdm. Nur Syuhada Ahmad Zauzi
11.00-11.20AM	7	Production of Biodiesel From Waste Cooking Oils By Microwave Irradiation with NaOH as Catalysts	32791	Sebastian Dingun	Mdm. Norlisa Mili
11.20-11.40AM	8	Fabrication of Multilayer Sulfonated Poly Ether Ether Ketone (SPEEK) Membrane	31349	Muhammad Ammar Syafiq bin Azmi	Mr. Mohamed Afizal bin Mohamed Amin
11.40-12.00PM	9	Production of Biogas from Anaerobic Digestion of Rice Straw using Paddy Soil as Inoculant	31245	Mohd Rahmat b. Jalani	Dr Shanti Faridah Salleh
12.00-12.20PM	10	Production of Biogas from Anaerobic Digestion using Cow Manure as Feedstock and Rumen Fluid as Inoculum	31403	Muhammad Hifzhan Amsyar b. Zulkifli	Dr Shanti Faridah Salleh