

Final Results: ChE 143-144 Adviser Application (AY 2016-17)

Adviser	Topic Code	Topics	No.	Accepted Students
Aberilla, Jhud Mikhail O.	JMA1	Life cycle optimization of polygeneration systems for remote applications	3	Estrada, Flores, Milan
	JMA2	Design and optimization model for urban water networks using ecological network analysis	3	Arteta, Herrera, Mercado
	JMA3	Life cycle inventory of the Philippine electricity grid	3	Barimbao, Labor, Santillan
Agutaya, Jonas Karl Christopher N.	JNA1	Remediation of petroleum oil contaminated water through Anaerobic-Aerobic Fixed Film Reactor + Ozonation	3	Ariola, Estrada, Soriano
Ballesteros, Florencio C., Jr.	FCB1	Use of data mining in water quality monitoring	3	Gabo, Gines, Sarmiento
	FCB2	Microbial selection reactors for common micropollutants	3	Malolos, Posada, Villapando
	FCB3	Enhanced methane production from lipid rich wastewater	3	Aguilar, Clemente, Nacor
Dalida, Maria Lourdes P.	MPD1	Removal of VOCs from air with photocatalysis	4	Budol, Cabalhug, Gonzales, Jeremias
de Leon, Rizalinda L.	RDL1	Design and evaluation of packed-bed column bioreactor for ethanol production from lignocellulose by biodelignification and CBP	3	Palomique, Ramos, Tolentino
	RDL2	Effect of membrane processing on Juice or wine properties	3	Cruz, Ochiai, Oporto
Montealegre, Charlimagne M.	CMM1	An invitro study on the effect of Blumea balsamifera extract in calcium oxalate renal stones	3	Chan, Peralta, So
	CMM2	Stabilization of nutra/pharmaceuticals and design of a transdermal delivery system	3	Ani, Castro, Llanera
	CMM3	Process intensification in bioprocessing: Wet/Dry lab studies on the production of biologics/bioproducts	3	Castro, Madrid, Ortiz
Munoz, Jose C.	JCM1	Development and performance testing of a Ramsay-Young set-up for a thermodynamics laboratory course	1	Casin
	JCM2	Development and performance testing of a Simple Batch Distillation set-up for a thermodynamics laboratory course	2	Cruz, Ramos
Ocon, Joey D.	JDO5	Density Functional Theory (DFT) modeling for CO2 storage and conversion	1	Fernandez_Jay
	JDO6	Density Functional Theory (DFT) modeling for fuel cells	1	Serraon
	JDO10	Portable battery-based emergency system	1	Raposa
Pajarito, Bryan B.	BBP1	Deposition of exfoliated graphene on surfaces of 3D printed polymers	3	Cayabyab, Costales, Francisco
	BBP2	Predicting ash and moisture content of natural rubber bales using infrared spectroscopy (ATR-FTIR and NIR) and chemometric modeling	3	Jeresano, Castaneda, Repoquit
	BBP3	Use of silanized mineral fillers to improve anti-corrosion properties of thermoplastic coatings	3	Caguntas, Felices, Tubalinal
	BBP4	Feasibility of using recycled and tap water on synthesizing organo-bentonite fillers for polymer nanocomposites	3	Aquino, delos Reyes, Pegollo
Pilario, Karl Ezra S.	KSP1	Artificial Neural Networks for ChE Applications 1	2	Aquino, Ysulat
	KSP2	Artificial Neural Networks for ChE Applications 2	2	Bucaneg, Pablo
	KSP3	Artificial Neural Networks for ChE Applications 3	3	Conde, Go, Torculas
Rollon, Analiza P.	APR1	Removal of Antibiotics from wastewater using Anaerobic-Aerobic Fixed Film Reactor and Electro-Fenton Process	3	Canoy, Kuo, Meneses
	APR2	Methane and Fertilizer from Co-digestion of Organic Fraction of Municipal Solid wastes and dewatered septage	3	Gultian, Oliveros, Ventura
	APR3	Bioremediation of diesel contaminated soil using microbial consortium	3	Coroza, Llanes, Rosero
	APR4	TBA	3	Coquico, Pablo, Paradero
Subosa, Bemboy Nino F.	BFS1	Kinetic studies for base-catalyzed transesterification of coconut oil	3	Bonalos, Dumagpi, San Juan
	BFS2	Phase equilibrium studies of reactive systems in coconut biodiesel production	3	delos Santos, Marasigan, Morales
Tumolva, Terence P.	TPT1	microencapsulated cellulose-based hydrogels 1	3	Doctor, Domingo, Madrid
	TPT2	microencapsulated cellulose-based hydrogels 2	3	Mendoza, Patubo, Sy
	TPT3	cellulose-based hydrogel blends 1	3	Ayalin, Go, Reyes
	TPT4	cellulose-based hydrogel blends 2	3	Celebre, Judi, Tamayo
Villa, Ralph P.	RPV1	Use of silanized mineral fillers to improve mechanical properties of thermosets	3	Patulot, Munion, Lucero
Villanueva, Louie Arelvi G.	LAV1	Development of an Ultrasonicated Micellar Solution with a TRPM8 Receptor-Mediated Agonist for Cosmetic Applications	3	Garcia, Pena, Quezon
Yap, Kristian July R.	KJY1	Performance Testing of a PDMS Microfluidic Device Using an Improved Print-and-Peel (PAP) Method	3	Abagon, Buendia, Caracas

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