

Academic Affairs Announcement
on
Thesis topics and advisors for Students ID63

Petroleum & Energy Technology

No.	ID	Name	Advisor	Topic
1	6373002963	Chayapol Panaphorn	AC	Roles of surfactant and micelle formation in adsorption onto solid surface in EOR applications
2	6373003563	Itti Jindasantisakul	US	Fast synthesis of DDR zeolite by microwave heating and membrane fabrication for biogas separation
3	6373004163	Pratya Muenchee	AC	Microemulsion behavior and its interfacial tension of surfactant in the presence of nanoparticles for oil in water applications
4	6373005863	Wanasan Hamala	BK	Kinetic Monte Carlo simulation of surface reaction
5	6373006463	Sittaporn Lartham	KS	Asteroid Automate Drilling Module
6	6373007063	Achmad Anggawiry Alimin	US	Modelling of multicomponent surfactant adsorption using machine learning model
7	6373008763	Sokhoy Keng	BK	Solid acid catalysts for biomonomer modification
8	6378501663	Hoang An Do	SP	Analysis of Crude Oil Fingerprinting

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No.	ID	Name	Advisor	Topic
1	6371001963	Artitaya Jiratanachotikul	SP	Catalytic Conversion of n-Pentane to High Valued Products
2	6371002563	Chuvich Chaovarin	PR	Kinetics and Morphology Investigation of Promoter Assisted Methane Hydrate Formation
3	6371005463	Kirapat Kaewmee	SP	Catalytic Conversion of Crude Palm Oil/ PFAD to Bio-jet Fuel
4	6371006063	Kittitut Kunta	SC	Enhancement of Methanogenic Activity and Digestibility of Fermentation Residue by Microaeration and Chelation
5	6371007763	Monnapat Panuvatakul	TR	Mixed matrix membranes for gas separation
6	6371008363	Monruedee Srida	AL	Production of 5-hydroxymethylfurfural from cellulose using solid acid catalysts
7	6371009063	Naphat Yompakdee	SJ	Catalytic conversion of glycerol to sustainable specialty chemicals
8	6371010563	Onwara Deeprom	SC	Improvement of Biogas Productivity from Distillery Slop by Pre-reduction of Potassium
9	6371011163	Panida Sriratchachawan	AL	Volatile organic compound oxidation over Au-based catalysts

No.	ID	Name	Advisor	Topic
10	6371012863	Panot Loryuenyong	KS	Process simulation and optimization 2
11	6371014063	Thanawat Boonvaerokul	KS	Process simulation and optimization 1
12	6371015763	Thanik Lertnopsakul	TR	Steam reforming of methane over transition metals/ modified ceria-zirconia mixed oxide solid solution catalysts for hydrogen production
13	6371017063	Zhe Wang	AL	Effect of Pd precursor on the activity of Pd/SBA-15 for partial hydrogenation of biodiesel
14	6378601763	Denanda Clarasati Puteri	SJ	Catalytic conversion of glycerol to sustainable specialty chemicals

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Polymer Science

No.	ID	Name	Advisor	Topic
1	6372001063	Atima Auepattanapong	RR	Extraction of bioactive compounds from coffee silverskin, spent coffee grounds and green coffee beans for using in cosmeceutical products and supplementary foods
2	6372002763	Chananya Sommut	TC	High Performance Nanooporous Carbon Membrane based on Polybenzoxazine for Gas Separation
3	6372003363	Kunlanart Inphai	MN	Robust and Flexible UV curable super hydrophobic polymeric film for anti biofouling
4	6372004063	Mongkolchai Duadthaisong	RM	Admicellar Polymerization on NR Latex Particles and Plasma Treatment for Protein Control
5	6372005663	Praphan Thongloy	RM	Highly Absorbed Cellulose Fibers for Nutrition Control Packaging
6	6372006263	Pornchanok Pichaipanich	RR	Preparation of bacterial cellulose composites containing bioactive compounds from coffee by-products for wound dressing application
7	6372007963	Putita Phetcharat	PS	Development of antibactetial dry-on wound-dressing

No.	ID	Name	Advisor	Topic
8	6372008563	Siwat Penrasamee	HM	a novel bacterial cellulose producer for the application in eco-friendly piezoelectric-responsive films
9	6372009163	Sunisa Sitthipong	SD	Development of IR blocking coatings with metallic and semiconductor nanoparticles for stealth soldiers
10	6372010763	Tawiwat Kunthong	SWB	Starch modified polysaccharides and its potential for bio-based plastic related applications
11	6372011363	Yosita Maklay	SD	In-situ synthesis of polymer in polyelectrolyte membranes by cross flow polymerization
12	6372012063	Kimhuoy Huot	AS	Drug Matrix Fabrication and Delivery Efficiency for Chronic Diseases through External Stimuli