

Winners of FYP Poster Competition - August 2017

Track	Dprt	Title	Student Name	Supervisor	Winners
Sustainable development and green technology	DCL	Develop of Lightweight Foamed Concrete with 2.5 and 5% Egg Shell Powders as partial cement replacement materials for Sound Insulation	Joehanes Lim Su Shen	Ir. Dr. Lim Siong Kang	Champion
	DCL	Biodiesel production using calcium oxide catalyst derived from cockle shell	Vitiyaa a/p Selva Kumar	Dr. Sim Jia Huey	1st runner-up
	DCL	Removal of copper ion from synthetic wastewater by cation exchange resin	Nicholas Ong Cher Xian	Dr. Lai Soon Onn	2nd runner-up
Social Studies and Project Management	DCL	Adsorption of lead ion with spent coffee ground	Chooi Chee Yoong	Dr. Tee Shiau Foon	Champion
	DCL	A Case Study of Building Information Modeling for Subsurface	Lee Yee Linn	Ir. Dr. Lee Min Lee	1st runner-up
	DS	Post Occupancy Evaluation (POE) to the New Academic Building, UTAR Sungai Long (KB Block)	Chin Hui Ling	Sr Zamharira Sulaiman	2nd runner-up
Software Design and Prototypes	DIECS	MYUTAR iOS-based Mobile App	Lee Jia Hui	Chean Swee Ling	Champion
	DMAS	Automatic Detection of Knee Cartilage in Medical Image	Tay Li Ting	Dr Tay Yong Haur	1st runner-up
	DIECS	UTAR Bus Tracker Android-based Mobile App	Tan Kim Seng	Chean Swee Ling	2nd runner-up
Theoretical/Experimental Sciences	DCL	Synthesis of solid acid catalyst from rubber seed shells for biodiesel production	Quek Huei Vern	Dr. Steven Lim	Champion
	DCL	Synthesis of TiO ₂ /activated carbon derived from empty oil palm fruit bunch for photocatalytic reaction	Teh Wen Shun	Dr. Pang Yean Ling	1st runner-up
	DCL	Physico-chemical analysis of biomaterial fabricated from collagen-chitosan blend	Michelle Nyanam Sasismani	Dr. Woo Kwan Kit	2nd runner-up
Applied Mathematics, Process Automation and Simulation	D3E	Comparative Study between Azimuth-Elevation and Tilt-Roll Sun-Tracking Systems in Range of Motion	Wang Tze Koon	Dr Wong Chee Woon	Champion
	DMAS	Automated Optimal Forex Spread: A Machine Learning Approach	Gan Chi Ching	Dr Lai An Chow & Dr Goh Yong Kheng	1st runner-up
	DMAS	Nonparametric Statistical Analysis on Depressive Symptoms	Ezriann Charanya	Dr Lee Poh Foong	2nd runner-up
Applied Engineering	D3E	Self-powered Electronic Skin	Zech Chan Sze Zher	Dr Chee Pei Song	Champion
	DMBE	Wireless Power Monitoring System	Ahmed Ibrahim Hussain	Dr. Chua Kein Huat	1st runner-up
	DCL	Anchorage Design for Post-Tensioned Beam	Alice Lim Pei San	Dr. Lau See Hung	2nd runner-up
Most liked poster	DS	Factors of Building Defect Affecting the Quality of High-Rise Residential Building	Martin Saw Wei Jie	Sr Zamharira Sulaiman	Most liked poster