



**Result of 2017 SATU Joint Research Scheme Co-PI Applications  
hosted by SATU member universities**

No	Name	University	Faculty	Project Title	Applicant	University	Nation
1	Prof. Dr. Ling Tau Chuan	University of Malaya	Institute of Biological Sciences, Faculty of Science	Exploring the biodiesel potential of microalgae isolates – Enrichment and optimization for maximum lipid production	Jo-Shu Chang	National Cheng Kung University	Taiwan
2	Dr. Ong Hwai Chyuan	University of Malaya	Faculty of Engineering	Cultivation of algal on biomass productivity and biochar production	Wei-Hsin Chen	National Cheng Kung University	Taiwan
3	Prof. Dr. Ling Tau Chuan	University of Malaya	Institute of Biological Sciences, Faculty of Science	Phlorotannin Recovery from Padina australis and Sargassum binderi using Liquid Biphasic Partitioning System	Associate Professor Ng Eng Poh	Univeristi Sains Malaysia	Malaysia
4	Prof. Dr. Ling Tau Chuan	University of Malaya	Institute of Biological Sciences, Faculty of Science	Enhanced strategies to improve biomass & lipid yields of Chlorella sorokiniana in wastewater	Wang Chin-Tsan	National I-Lan university	Taiwan
5	Dr. Ong Hwai Chyuan	University of Malaya	Department of Mechanical Engineering	Biofuel Synthesis form Non-edible Oil seeds using In Situ Reactive Extraction with Ultrasound	STEVEN LIM	University Tunku Abdul Rahman	Malaysia
6	Dr. Ong Hwai Chyuan	University of Malaya	Department of Mechanical Engineering	Thermal Characteristic and Entropy Efficiency of Nanofluids In Solar Collector System	Wang Chin-Tsan	National I-Lan university	Taiwan
7	Dr. Lai Chin Wei	University of Malaya	Nanotechnology and Catalysis Research Centre (NANOCAT)	Graphene/ TiO <sub>2</sub> , composite nanomaterials for photoanodes in dye-sensitized solar cells	Jun Hieng Kiat	University Tunku Abdul Rahman	Malaysia
					HARSASI SETYAWAIT	University Airlangga	Indonesia



**Result of 2017 SATU Joint Research Scheme Co-PI Applications  
hosted by SATU member universities**

No	Name	University	Faculty	Project Title	Applicant	University	Nation
8	Dr. Lai Chin Wei	University of Malaya	Nanotechnology and Catalysis Research Centre (NANOCAT)	Tungsten nanocatalysts on titania nanotubes film for photoelectrochemical water electrolysis	PANG YEAN LING	University Tunku Abdul Rahman	Malaysia
					Kuei-Sen (Vincent) Hsiao	National Chi Nan University	Taiwan
9	Prof. Lee Hwei Voon	University of Malaya	Nanotechnology and Catalysis Research Centre (NANOCAT)	Pyrolytic-deoxygenation of triglyceride via natural waste shell derived catalysts	Mr. Sumrit wachrasindhu	Chulalongkorn University	Thailand
10	Prof. Lee Hwei Voon	University of Malaya	Nanotechnology and Catalysis Research Centre (NANOCAT)	Facile production of nanostructured cellulose from lignocellulosic biomass	MOCHAMAD ZAKKI FAHMI	Universitas Airlangga	Indonesia
					Mrs. Duangamol Tungasmita	Chulalongkorn University	Thailand
11	Prof. Wagcch Abdulhadi YchYa	University of Malaya	Nanotechnology and Catalysis Research Centre (NANOCAT)	One pot green synthesis and dual catalytic approach: Curcumin-reduced Graphene Oxide Conjugated Gold Nanoparticles, a Potential Composite for Cancer Eradication and Differentiation	Kuei-Sen (Vincent) Hsiao	National Chi Nan University	Taiwan
12	Prof. Dr. Shaliza Ibrahim	University of Malaya	Department of Civil Engineering	Development of Innovative Ultra Sound Catalysts and Optimization of Sonification Technology to Enhance its Application in Removal of Micro Pollution from Water	Sin Jin Chung	University Tunku Abdul Rahman	Malaysia
13	Prof. Dr. Shaliza Ibrahim	University of Malaya	Department of Civil Engineering	High-Rate Biological Hydrogen and Methane Production from Pome in a Two-stage Anaerobic Hybrid Reactor	VO THANH HANG	Ho Chi Minh University of Technology, National University of Vietnam	Vietnam



**Result of 2017 SATU Joint Research Scheme Co-PI Applications  
hosted by SATU member universities**

No	Name	University	Faculty	Project Title	Applicant	University	Nation
14	Prof. CHING YERN CHEE	University of Malaya	Chemical Engineering	Effect of Interfacial Forces on Structure And Properties of Nanocomposite Reinforced With Nanocellulose	Liou, Nai-Shang	Southern Taiwan University of Science and Technology	Taiwan
15	Prof. Chong Wen Tong	University of Malaya(Kuala Lumpur , Malaysia)	Department of Mechanical Engineering	Design Optimization , Fabrication and Testing of a Biomimetic Wind Turbine Inspired by Dryobalanops Aromatica Seed	Wang Chin-Tsan	National I-Lan university	Taiwan
					Wei-Cheng Wang	National Cheng Kung University	Taiwan
					Ng Yin Kwee	Nanyang Technological University	Singapore
16	Assoc. Prof. Dr. Juan Joon Chins	University of Malaya	Nanotechnology and Catalysis Research Centre (NANOCAT)	Deoxygenation of Non-Edible Oils to Biofuel Solid Acid or Base Catalyst	Mrs. Duangamol Tungasmita	Chulalongkorn University	Thailand
17	Assoc. Prof. Dr. Juan Joon Chins	University of Malaya	Nanotechnology and Catalysis Research Centre (NANOCAT)	Photocatalysis degradation of Persistence organic Pollutants	Lam Sze Mun	University Tunku Abdul Rahman	Malaysia
					Yung-Pin Tsai	National Chi Nan University	Taiwan
					LE MINH VIEN	Ho Chi Minh University of Technology	Vietnam
					Mr. Sumrit wachrasindhu	Chulalongkorn University	Thailand



**Result of 2017 SATU Joint Research Scheme Co-PI Applications  
hosted by SATU member universities**

No	Name	University	Faculty	Project Title	Applicant	University	Nation
18	Assoc. Prof. Dr. Juan Joon Chins	University of Malaya	Nanotechnology and Catalysis Research Centre (NANOCAT)	Photoreduction of Carbon Dioxide by using photoactive Titania	Kuan-Ting Pan	National Taipei University of Technology	Taiwan
19	Prof. Dr. Jennifer Chan Kim Lian	UNIVERSITI MALAYSIA SABAH	BORNEO TOURSIM RESEARCH UNIT	Sustainable consumption and production and responsible behavior in tourism Industry	Leng Ho Keat	Nanyang Technological University	Singapore
					Fu-Ming Huang	Soochow University	Taiwan
20	Prof. Ong Kok Seng	Universiti Tunku Abdul Rahman	CEGT	PV cooling	LAI CHIN WEI	University of Malaya	Malaysia
					Ng Yin Kwee	Nanyang Technological University	Singapore