



Republic of the Philippines
BATANGAS STATE UNIVERSITY
The National Engineering University

Rizal Avenue Ext., Batangas City, Batangas, Philippines 4200

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Office of the Research Director

List of Research Related to SDG 7

Project Title	Proponents	Approved Duration	Approved Budget	Campus/Funding Agency
Design, Development, and Installation of Solar-Powered Isotropic Generator of Acoustic Waves with Water Level Monitoring Capability for Batangas Province (SIGAW)	Engr. Albertson D. Amante Dr. Albert C. Villena Edcel E. Torralba Gina R. Eje	09/25/23 - 12/31/24	1,378,560.00	Batangas State University Central Administration
Design and Development of a Prototype Vehicle for Shell Eco-Marathon 2024	Gerald T. Aguila Ricmart V. Garbin Jaime D. Ascona	09/01/23 - 08/31/24	500,000.00	Batangas State University Alangilan Campus
CAMPUS Program: Comprehensive Assessment and Monitoring of Power and Other Utilities Towards Sustainability Reliability and Sustainability of the Electrical Distribution System of BatStateU Alangilan	Reynato A. Gamboa Elenor M. Reyes Ricmart V. Garbin Marjorie G. Marcaida Jenica Ariane C. Panaligan	01/31/22 - 01/30/23 Extension: until 10/31/23	200,000.00	Batangas State University Alangilan Campus
Development And Evaluation of Wireless Power Transmission (WPT) For Mobile Phones	Dr. Froilan G. Destreza Romeo A. Concepcion, Jr. Alfredo V. Atienza, Jr.	July 2022 to July 2023	749,500.00	DOST - CALABARZON
BoatBox: Cost-Effective Tracking and Distress Message Sending System for Local Small Fishing Vessels (SFV)	Dr. Froilan G. Destreza Romeo A. Concepcion, Jr. Melvinn B. Roxas Lorissa Joana E. Buenas Alfredo V. Atienza, Jr.	(12 months)	1,181,401.70	DOST - CALABARZON
Fabrication of Commercial-ready Prototype of the Collapsible Solar Power Station for Farms	Dr. Anton Louise De Ocampo Mr. Melmar D. Eje	August 3, 2023 to August 2, 2024	2,743,807.50	DOST - TAPI
Design and Development of Collapsible and Movable	Dr. Anton Louise De Ocampo	March 1, 2022 to February	1,040.350.40	



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Solar Power Station for Irrigation Systems	Mr. Melmar D. Eje	28, 2023		
SIGAW Tarlac: Deployment of Solar Isotropic Generator of Acoustic Wave (SIGAW) with Food Sensing Capability for Mayantoc, Tarlac	Dr. Tirso A. Ronquillo Engr. Albertson D. Amante Gina R. Eje Edcel Torralba Albert Villena	March 9, 2022 to March 8, 2023 until June 30, 2023	833,310.00	DOST - Regional Office No. III
SIGAW Cavite: Development and Installation of Solar Isotropic Generator of Acoustic Wave (SIGAW) with FloodSensing Capability for Ternate Cavite	Dr. Tirso A. Ronquillo Engr. Albertson D. Amante Gina R. Eje Edcel Torralba Albert Villena	January 2022 to December 2022	2,099,284.40	DOST - CALABARZON
SIGAW Quezon Phase 3: Development and Installation of Solar Isotropic Generator of Acoustic Wave (SIGAW) for Quezon Province - Phase 3	Dr. Tirso A. Ronquillo Engr. Albertson D. Amante Gina R. Eje Edcel Torralba Albert Villena	January 2022 to December 2022	2,178,310.00	DOST - CALABARZON
Transportation Research for Assessment of its Network, Safety, Policy, and Optimization (TRANSP0) Program	Ms. Leonida M. Falcular Dr. Cristina Amor M. Rosales Engr. Vivian D. Guda Engr. Ernesto C. Magundayao			Batangas State University
Energy Audit of Batangas State University: Input to its Energy Utilization Efficiency	Engr. Elenor M. Reyes Engr. Dindo T. Ani Engr. Maria Lourdes V. Balansay Engr. Rosalynn C. Hernandez	August 2018 to August 2020		Batangas State University



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Solar-powered Smoked Food Preservation Unit	Dr. Gil B. Barte Virginia A. Blanco Irish Giselle C. Bautista	March 2017 to March 2018		Batangas State University
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