

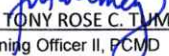
QUARTERLY PHYSICAL REPORT OF OPERATION
As of December 31, 2023

Department : Department of Science and Technology (DOST)
 Agency/Entity : Philippine Council for Industry, Energy and Emerging Technology Research and Development (PCIEERD)
 Operating Unit : < not applicable >
 Organization Code (UACS) : 19 013 0000000


Particulars	UACS CODE	Physical Target (Budget Year)					Physical Accomplishment (Budget Year)					Variance as of December 31, 2023	Remarks
		1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	Total	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	Total		
1	2	3	4	5	6	7	8	9	10	11	12	13	14
NATIONAL INDUSTRY, ENERGY AND EMERGING TECHNOLOGY SECTORS R&D PROGRAM	310100000000000												
OO : Increased benefits to Filipinos from scientific knowledge and technological innovations for productivity and competitiveness													
Outcome Indicators													
1. Percentage of priorities in the Harmonized National R&D Agenda (HNRDA) addressed		100% (28/28)	100% (28/28)	100% (28/28)	100% (28/28)	100% (28/28)	100% (28/28)	100% (28/28)	100% (28/28)	100% (28/28)	100% (28/28)	0%	
2. Number of partnerships with local (public and private) and international organizations		67	17	12	12	108	145	9	6	8	168	(60)	The partners included in this report are all implementing agencies with projects being managed by the Council. DOST attached agencies (e.g., R&D Institutes) are excluded in this report based on the operational definition set by the Department. According to this definition, 'partnerships' specifically refer to linkages forged with public and private sector, international organizations, and other government agencies outside of DOST.
Output Indicators													
1. Number of projects funded		42	38	53	51	184	53	52	24	42	171	13	Projects funded under this indicator are those that received funding under the PCIEERD-GIA Program. The Council was able to allocate funds for ongoing projects that fulfilled the necessary documentary requirements, including signed Memoranda of Agreement (MOA)/ Conforme, Line Item Budget (LIB), progress and financial reports, among other essential documents. However, some projects faced challenges in meeting the submission deadline for these crucial documents in 2023 leading to non-release of funds, thus target was underachieved.
2. Number of projects monitored		132	112	65	46	355	69	44	110	160	383	(28)	As the Council implemented a Council-wide calendar of major activities, designating the 3rd quarter for the monitoring and evaluation of projects, it is noteworthy that the number of monitored projects for this quarter is high. In addition, projects included in this indicator are both DOST and PCIEERD - funded.

Particulars	UACS CODE	Physical Target (Budget Year)					Physical Accomplishment (Budget Year)					Variance as of December 31, 2023	Remarks
		1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	Total	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	Total		
3. Percentage of projects completed which are published in peer-reviewed journals, presented in national and/or international conferences, or with IP filed or approved					75% (387/519)	75% (387/519)				71%	71%	4%	From CY 2020 to CY 2022, 366 out of the 515 completed projects were able to accomplish their target outputs in terms of publication and/or patent. The accomplishments of the remaining completed projects with publication and/or patent targets will be reported in the succeeding quarter upon the submission of the terminal reports. These terminal reports serves as the Council's source for monitoring the status of the target outputs.

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List of PCIEERD - funded Projects
(January to December 2023)

	PROGRAM TITLE	PROJECT TITLE	IMPLEMENTING AGENCY
1	AACT: Alternative and Advanced Copper processing Technology	Copper Hydrometallurgical and Solvometallurgical Extraction from Sulfides and Oxides (Cu-HySolvEr)	University of the Philippines - Diliman
2	AACT: Alternative and Advanced Copper processing Technology	Electrorefining process development for the production of 6N copper cathodes (Cu-Refine)	University of the Philippines - Diliman
3	AIR-CAMMP: Air Interventions and Research - Collective Aerosol Measurement and Mitigation Program	Ambient Air Remote Sensing, Modeling and Data Visualization Environment (AIRMoVE)	University of the Philippines - Diliman
4	Blockchain Program 2023	Portable Digital Credentials for the Philippine Science High School System Using Blockchain	Philippine Science High School
5	Blockchain Program 2023	Technical Services Certificates Verifiable Credentials Using Blockchain Technology	DOST - Industrial Technology Development Institute (DOST-ITDI)
6	Comprehensive Water Resources Assessment and Management Plan for Nabaoy River Watershed and Boracay Island	Project 2. Hydrological Characterization of Boracay Island's Groundwater System and Nabaoy Watershed using Isotope and Nuclear-based Analytical Techniques	DOST - Philippine Nuclear Research Institute (DOST-PNRI)
7	Dynamic simulation, modelling, experiment, and application of plasma propagation and evolution for growth and characterization of thin films	Computational modeling via Direct Simulation Monte Carlo method of laser ablation and plasma expansion—in relation to the deposited film characteristics on a substrate	University of the Philippines - Diliman
8	e-Asia Joint Research Program	Designing High Entropy Alloy Surfaces for Catalytic Applications using Atomistic Calculations and Materials Informatics Investigations	University of the Philippines - Los Baños
9	11th e-ASIA Joint Research Program (Advanced Interdisciplinary Research towards Innovation)	Microwave Photonics Devices for Optical Access Network and Sensing Application using microring resonator (MRR)-based Photonics Integrated Circuits and Optical Fibers	Ateneo de Manila University
10	Good Governance through Data Science and Decision Support System (GODDESS)	Development of an integrated Barangay Civil Registration and Information System (BCRIS) optimizing Data Analytics for smarter e-governance of the City of Tayabas	Colegio de la Ciudad de Tayabas
11	Green Alternative Systems for Coastal, Inland, and Interisland Waterways Transport Systems	Project 2. Prototype e-Boat for Inland Waterways to Address Urban Congestion	University of the Philippines - Diliman
12	HEIRIT Regional Startup Enablers for Ecosystem Development (ReSEED)	IDEAS Davao Inclusive Development Program for Region 11 Startup Ecosystem	University of the Philippines - Mindanao
13	HEIRIT Regional Startup Enablers for Ecosystem Development (ReSEED)	HEIRIT ReSEED: Bicol Consortium for Regional Startup Enablers (BiCoRSE) for Ecosystem Development Program Convergence and Synergism	Bicol University
14	HEIRIT Regional Startup Enablers for Ecosystem Development (ReSEED)	ZAMBOANGA CITY AND REGION 9 STARTUP COMMUNITY CONSORTIUM – HERMOSA STARTUP ECOSYSTEM	DOST Region IX
15	HEIRIT Regional Startup Enablers for Ecosystem Development (ReSEED)	Caraga Regional Innovation and Startup Ecosystem (RISE) Consortium Development	Caraga State University
16	HEIRIT Regional Startup Enablers for Ecosystem Development (ReSEED)	Technological Consortium for Awareness, Readiness and Advancement of Knowledge in Innovation - Cordillera (TARAKI Cordillera)	University of the Cordilleras
17	HEIRIT Regional Startup Enablers for Ecosystem Development (ReSEED)	Strengthening the Central Luzon Startup Consortium: Startup Ecosystem Leveraging on Opportunities and Network for Growth - Partnering with Accelerators and Angels (SULONG PAI Central Luzon)	Bulacan State University
18	Higher Education Institution Readiness for Innovation and Technopreneurship (HEIRIT)	Establishment of AdZU Technology Business Incubator (AZUL HUB)	Ateneo de Zamboanga University
19	Higher Education Institution Readiness for Innovation and Technopreneurship (HEIRIT)	Establishment of Sultan Kudarat State University-Technology Business Incubation (SKSU-TBI) Sustainable Technopreneurship Ecosystem for the Promotion and Advancement of Promising Products (STEP APP)	Sultan Kudarat State University

	PROGRAM TITLE	PROJECT TITLE	IMPLEMENTING AGENCY
20	Higher Education Institution Readiness for Innovation and Technopreneurship (HEIRIT)	Establishment of a University-based Technology Business Incubator in Surigao del Norte State University (SNSU TBI)	Surigao State College of Technology
21	Higher Education Institution Readiness for Innovation and Technopreneurship (HEIRIT)	Establishment of ICEBOX: The Mindanao State University - General Santos Technology Business Incubator for Smart Systems Innovations	Mindanao State University - General Santos

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22	Higher Education Institution Readiness for Innovation and Technopreneurship (HEIRIT)	HEIRIT: Establishment of DOST-MMSU BANNUAR Technology Business Incubator for advancing the creative manufacturing industry in the Ilocos Region	Mariano Marcos State University
23	Higher Education Institution Readiness for Innovation and Technopreneurship (HEIRIT)	Establishment of BPSU SIKAT Technology Business Incubator for the Creative Manufacturing Industry	Bataan Peninsula State University
24	Higher Education Institution Readiness for Innovation and Technopreneurship (HEIRIT)	HEIRIT: Establishment of DOST-Benilde HIFI BTS TBI	De La Salle - College of Saint Benilde
25	Higher Education Institution Readiness for Innovation and Technopreneurship (HEIRIT)	Establishment of Technology Business Incubation Facility of Mapua University	Mapua University
26	PCIEERD Higher Education Institution Readiness for Innovation and Technopreneurship (HEIRIT) TBIs	HEIRIT: Establishment of Philippine Women's College of Davao Creative Hubs for Industry 4.0 (PWC CHI+), A DOST-supported TBI	Philippine Women's College of Davao
27	PCIEERD Higher Education Institution Readiness for Innovation and Technopreneurship (HEIRIT) TBIs	HEIRIT : Establishment of Social Innovation Laboratory and Business Inclusion (SILBI) Center: A DOST-supported Technology Business Incubation (TBI) at the University of the Philippines Baguio (UPB)	University of the Philippines - Baguio
28	PCIEERD Higher Education Institution Readiness for Innovation and Technopreneurship (HEIRIT) TBIs	Establishment of DOST-NEUST I-MeTAL (Incubator for Metal Technology Acceleration and Livelihood)	Nueva Ecija University of Science and Technology
29	PCIEERD Higher Education Institution Readiness for Innovation and Technopreneurship (HEIRIT) TBIs	Accelerating the Growth of the Ateneo Blue Nest Incubation Program	Ateneo de Manila University
30	PCIEERD Higher Education Institution Readiness for Innovation and Technopreneurship (HEIRIT) TBIs	Establishment of Smart City Technology Business Incubator (Smart City TBI) for the Cagayan Valley Region	Isabela State University - Cauayan Campus
31	Impact Assessment	Impact Assessment of the PCIEERD Infrastructure Development Program (IDP)	Multiagency
32	Institution Development Program (IDP)	Establishment of a "Smart Packaging Laboratory" in the Philippine countryside	University of San Agustin
33	Institution Development Program (IDP)	Establishment of Aero-Environmental & Energy Engineering Laboratory (Aero-Lab)	Nueva Vizcaya State University - Main
34	Institution Development Program (IDP)	PMIS NO. 1211508 TITLED, "ESTABLISHMENT OF TROPICAL WINE AND DISTILLED SPIRIT RESEARCH LABORATORY"	Southern Luzon State University - Lucban
35	Institution Development Program (IDP)	Research and Analytical Laboratory for the Improvement of WasteWater from Sugar-Related Industries (SRI RnA Lab)	Technological University of the Philippines - Visayas
36	Institution Development Program (IDP)	Utilization of the BSC Lab Testing Resources of Innovative Products Laboratory	Batanes State College
37	Institution Development Program (IDP)	Philippine Cinnamon Research and Innovation Laboratory	Cebu Normal University
38	Institution Development Program (IDP)	Establishment of Adaptive Sanitation Robotics Technology & Intelligent Computing Center for Various Industrial Applications (Project ARTIC+)	Saint Mary's University
39	Institution Development Program (IDP)	Establishment of the Center of Aerogel Technology for Energy and Environment (CATEE) at the University of St. La Salle (USLS)	University of St. La Salle
40	IP Management Program for Academic Institutions Commercializing Technologies (IMPACT)	Strengthening the DOST-PTRI's Technology Management System to Accelerate Technology Adoption	DOST - Philippine Textile Research Institute (DOST-PTRI)
41	Jumpstarting the Economy in the New Normal: Learning/Education	Rover Reading Literacy Program : Reading Level Assessment of Public Elementary Students using Workbooks with Progress Tracking in Digital Platform	PCI Tech Center

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42	Jumpstarting the Economy in the New Normal: Learning/Education	Development, Implementation, and Validation of Mobile Learning Toolkit in Baguio City - La Trinidad - Itogon - Sablan - Tuba - Tublay (BLISTT)	Hey Success
43	Niche Center in the Regions (NICER)	Project BLOSS: BIO Scrubber System using Effective Microorganism and Pressure Swing Adsorption	University of Science and Technology of Southern Philippines - CDO Campus

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44	PCIEERD Sustainable Mineral Resources in the Philippines - Strategic Large Grant	Philippine mining at the national to catchment scale: from legacy impacts to sustainable futures (Project PAMANA)	University of the Philippines - Los Baños
45	Philippine Road Safety Initiatives (PROsafetI) Program	Collection, Recording, and Analysis of Traffic Incidence Data (CREATE)	University of the Philippines - Diliman
46	Philippine Road Safety Initiatives (PROsafetI) Program	VIROS-ROVE: V2X Initiatives for Road Safety Road Safety V2X Initiatives	University of the Philippines - Diliman
47	Photonics Integrated Circuits-Based Devices for Aeronautic Space Engineering Calculation and 5G Applications	Project 2. Photonic Integrated Circuit (PIC)-based Linearized Optical Frequency Discriminator filter for 5G Applications	Ateneo de Manila University
48	Polymer Waste Radiation Engineering for Upcycling towards Sustainable Eco-homes (Polymer Waste RE-USE)	Post-radiation Reactive Extrusion of Plastic Waste (PREx Plastic)	DOST - Philippine Nuclear Research Institute (DOST-PNRI)
49	PROSPPER	Method Validation for the Simultaneous Determination of Cation and Anion in Lake Water using Dual Channel Ion Chromatography in correlation with Ion Selective Electrode for Ammonia (PROSPPER)	University of the Philippines - Los Baños
50	Regional Research Institution (RRI)	Nano-enabled bioplastic from regenerated cellulose	University of San Agustin
51	Regional Research Institution (RRI)	Seawater desalination using a passive solar-driven membrane system: nano-improvement of the membrane layers	University of San Agustin
52	Regional Research Institution (RRI)	Synthesis of foamed and unfoamed self-supporting zeolite A-biochar composite from rice hull ash for ion exchange water softening	Mindanao State University - Iligan Institute of Technology
53	Regional Research Institution (RRI)	Design and Development of Wearable Navigating Technology for People with Blindness (Project e-SENSE)	Saint Mary's University
54	SEA-EU	Metal Oxide Hybrid Structured Barriers for Stable Energy Devices	De La Salle University
55	Startup Grant Fund Program	Enhancement of Prototype of the Blockchain-powered Document Management System, Electronic Signature Software-as-a-service Platform and Self-Sovereign Digital ID	Ohelio Inc.
56	Startup Grant Fund Program	Development and Market Validation of PAYDAY TODAY – a mobile App that allows employers to enable their employees to access REALTIME wages they have earned MID-PAY PERIOD	GOODAPPS, Inc.
57	Startup Grant Fund Program	Improvement and Market Validation of Cassava Bioplastic	Sustainable and Compostable Horizons Industry (SACHI) Group Inc.
58	Startup Grant Fund Program	Improvement of the MAGWAI Reef-Safe Sunscreen Formulation to Accelerate its Market Adoption	Magwayen Organics, Inc
59	Startup Grant Fund Program	Enhancement and Validation of Cerebro (An Integrated School Management and Content Library System for K-12 Schools)	LMS Solutions Philippines, OPC
60	Startup Grant Fund Program	Enhancement and Market Validation of Olivia (An AI-enabled Expense Management App that recognizes Philippine Receipts and Invoices) for Philippine Companies and their Employees	Olivia Technology Group, Inc.
61	Startup Grant Fund Program	Development of Hubware 4.0 and Market Validation of the Construction-focused online marketplace Platform	Hubware Corporation

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62	Startup Grant Fund Program	Prototyping and Pilot Testing of LexDocs Chatbot Legal Assistant for MSMEs and Startups – A Legal Community Crowd-Sourced Online Legal Document Assembly Powered by Artificial Intelligence and Machine Learning for MSMEs and Startups	LexMeet, Inc.

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63	Startup Grant Fund Program	Enhancement and Market Validation of kazam™ (an online matching platform) for kasambahays and homeowners	Azalun Inc.
64	Startup Grant Fund Program	Higala MSME Banking: A mobile business banking app to drive digital financial inclusion for MSMEs in Mindanao	Hyperstacks Inc.
65	Startup Grant Fund Program	Enhancement of SkoolTek 3.0: Helping Schools Revolutionize their End-to-End Processes from Entry to Exit	EdFolio Inc.
66	Startup Grant Fund Program	Enhancement and Market Validation of Behavioral-Based Wellness Programs for Working Professionals	Splore Innovations Group, Inc.
67	Startup Grant Fund Program	Enhancement and Market Validation of Pic-A-Talk, an Augmentative and Alternative Communication App for Individuals with Speech and Language Disorders	Adobokashi Systems, Inc.
68	Startup Grant Fund Program: Powering Startups to Thrive in the Next Normal	Enhancement and Market Validation of Brooky, A Sales Process Automation Platform to Increase Sales And Generate Insights for Real Estate Developers	Kingstate Ventures Corp.
69	Startup Grant Fund Program: Powering Startups to Thrive in the Next Normal	Improvement and Market Validation of Workbean, an HR tech platform that helps companies discover their culture, attract better talent, and retain their employees	Workbean Philippines Corporation
70	Startup Grant Fund Program: Powering Startups to Thrive in the Next Normal	Enhancement of a Wireless Network Based Educational Service Delivery (A Mobile App Development for Content Distribution System)	CreatorBox Products and Solution
71	Startup Grant Fund Program-Jumpstarting the Economy in the New Normal	Virtual Reality and Networking Feature for our Virtual Events Platform	Olern, Inc.
72	PCIERD Startup Grant Fund Program: Powering Startups to Thrive in the Next Normal	Development of shelf-stable plant-based tuna alternative with microalgae incorporation expanding plant-based food options for food service industries	WTH Plant Based Corporation
73	Terahertz (THz) Research and Innovation Program Leading to Commercially Viable THz Time Domain Spectroscopy Systems	MBE Growth of InGaAs and Heterostructures Suited for Telecom-wavelength Excited Terahertz Device Applications	University of the Philippines - Diliman
74	Terahertz (THz) Research and Innovation Program Leading to Commercially Viable THz Time Domain Spectroscopy Systems	Development of Low-cost, Fast-scan Terahertz Spectroscopy for Real World Applications	University of the Philippines - Diliman
75	The Hybrid Ferrite-Bimetallic (Hy-FIBE) process: An Integrated approach for the sustainable management of acid mine drainage (AMD)	Project 1. A novel technique for the recovery of valuable metals from AMD through bimetallic materials	Mindanao State University - Iligan Institute of Technology
76	The Hybrid Ferrite-Bimetallic (Hy-FIBE) process: An Integrated approach for the sustainable management of acid mine drainage (AMD)	Project 2. A two-step neutralization ferrite process as active remediation technique for environmental treatment of AMD	De La Salle University
77	Waste to Energy: Recycling for Power and Heat (WERPAH) R&D Innovation Hub	Development of Waste Oil-Fired Porous Media Burner as Substitute to Fossil-Fuel Burner used in the Food Industry	Xavier University - Ateneo de Cagayan
78	Women-Helping-Women: Innovating Social Enterprises (WHWISE) Program	Search for Women-led Innovative Enterprises in CAR	DOST CAR
79	Women-Helping-Women: Innovating Social Enterprises (WHWISE) Program	Capability-building of Women-led Enterprises in Region XI in Preparation for the 2023 WHWise National Innovation Challenge: Search for Innovative Women Entrepreneurs in the Regions	DOST Region XI
80	Women-Helping-Women: Innovating Social Enterprises (WHWISE) Program	Unlad Bayi: 2023 Eastern Visayas Search for Innovative Women Enterprises	DOST Region VIII
81	Women-Helping-Women: Innovating Social Enterprises (WHWISE) Program	Shepherding More Innovative Women-led Enterprises Towards Success (WHWise: SMILE To Success)	DOST Region IX

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82	Women-Helping-Women: Innovating Social Enterprises (WHWISE) Program	Women-Helping-Women: Innovating Social Enterprises (WHWise) in MIMAROPA	DOST Region IV-B
83	Women-Helping-Women: Innovating Social Enterprises (WHWISE) Program	PUSSH WOMEN (Providing Upgrading Support to Social Enterprises, Honing Women for Opportunities Mobilizing them Towards Nation-building)	DOST Region I

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84	Women-Helping-Women: Innovating Social Enterprises (WHWISE) Program	Quality and Product Enhancement of Community-produced Woven Bamboo Panels for the Housing Industry	Likhang Maragondon
85	Women-Helping-Women: Innovating Social Enterprises (WHWISE) Program	Improvement, Market Validation & Pilot Production of W4G CAS (Compost Activator Solution) for biodegradable waste utilization of rural & urban communities	WASTE4GOOD
86	Women-Helping-Women: Innovating Social Enterprises (WHWISE) Program	Commercialization of Sustainable Fruit Wine Enterprise Through Improved Processing Technology and State of the Art Facility in Cagayan Valley	DOST II
87	Women-Helping-Women: Innovating Social Enterprises (WHWISE) Program	BABae Livelihood AcceleratiNG Kasaba OpportunitY (BALANGKOY)	FLQ Foods and Panciteria
88	Women-Helping-Women: Innovating Social Enterprises (WHWISE) Program	Panublix Weaving Enterprise Digital Enabler (PWEDE) - Developing A Web Platform to Onboard Rural Weaving Enterprises on the Digital Economy In Western Visayas and Cagayan Valley	Panublix Innovations, Inc
89	Women-Helping-Women: Innovating Social Enterprises (WHWISE) Program	Innovation thru Building and Leveraging Entrepreneurship Development, Networking and inclusive Community Engagement for WomEntrepreneurs (iBLEnDNICE 4WomEn)	Mindanao State University - Iligan Institute of Technology
90	Women-Helping-Women: Innovating Social Enterprises (WHWISE) Program	Project SWEET PH-C: Standardization of Ways in Enhancing and Establishing Techniques in Processing Highland Cacao	Dulche Chocolates Inc.
91	Autonomous Societally Inspired Mission Oriented Vehicles (ASIMOV)	Robot for Optimized and Autonomous Mission-Enhancement Responses (ROAMER)	DOST - Advanced Science and Technology Institute (DOST_ASTI)
92	Philippine Sky Artificial Intelligence Program (SkAI-Pinas)	Project 1. Automated Labeling Machine - Large-Scale Initiative (ALaM-LSI)	UP Mindanao
93	Photonics Integrated Circuits-Based Devices for Aeronautic Space Engineering Calculation and 5G Applications	"Kepler-Equation-In-a-Photonics-Chip": A Leapfrogging technology for orbital position determination using low-energy, high-speed calculation Photonic Integrated Circuits (PIC) analogs	Ateneo de Manila University
94	FASTRAC (Funding Assistance for Spin-Off and Translation of Research in Advancing Commercialization)	FASTRAC: Validation of WEHLO as a Spin-off from DOST-PCIEERD Funded Projects; ARMS, FRAMER and SCaRP	Mapua University
95		Establishment of Mobilizing Advanced Research and Innovations to Advocate Nation-building (MARIAN) TBI	University of the Immaculate Conception
96		Enhancement and Validation of KargaX (A Freight-Matching Mobile and Web App that Reduces Logistics Costs and Carbon Emissions)	Karga Express Intelligence System, Inc
97		DANAS: Earthquake, Tsunami and Volcano Disaster Narratives for an Experiential Knowledge-based Science Communication	DOST - Philippine Institute of Volcanology and Seismology (PHIVOLCS)
98		Development of an AI-assisted Thunderstorm Early Warning System from Analysis of Doppler Radar Data	University of the Philippines - Diliman
99		MINERVA: Monitoring of Indicators for Efficient Redevelopment and Value Assessment	Asian Institute of Management

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100		Development of Underwater Sensor Network for Tsunami Detection Through Ground Station Terrestrial and Nanosatellite Communication	University of Perpetual Help System - DALTA

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101		Development of Innovative Food Products from Colored Philippine Tubers and Root Crops through the UPLB-DOST Food Innovation Center	University of the Philippines - Los Baños
102		Process and Product Optimization of Black Garlic used as Flavor Enhancer	Mariano Marcos State University
103		The PEEL-Good Project: Bench-scale Ultrasound-assisted Extraction of Pectin from 'Saba' Banana Peel Waste	University of the Philippines - Los Baños
104		Valorization of Nickel Mine Wastes in Palawan as Sustainable Materials for the Production of Nano-modified Drilling Fluids	Palawan State University
105		A Laboratory and Game Engine/Framework for Tertiary-Level Virtual, Augmented, and Mixed Reality (VAMR) Educational Applications	Ateneo de Manila University
106		In Silico Nanotoxicology Evaluation of Engineered Nanomaterials: Bridging the Data Gap on Experimental Approaches for Toxicity Appraisal with Implications to Nanomaterial Risk Assessment and Nano-safety	Caraga State University
107		Engineered smart concrete utilizing Indigenous wastes for durable and intelligent infrastructure	University of Mindanao
108		Collaborative aerial-ground unmanned system for exploration and monitoring of Philippine active volcanoes	Mindanao State University - Iligan Institute of Technology
109		Attendance to the 2022 CIMPA Summer School on Mathematical Methods in Data Analysis (PCIEERD-HRDP-RIEETOOL)	University of the Philippines - Los Baños
110		Recovery and Reuse of Abrasive Grains from Waste Grinding Wheel	Ateneo de Manila University
111		MarIndu-crete 3D : Development of a cementitious material containing silt for 3D printing applications	University of the Philippines - Diliman
112		Conversion of Quarry Wastes (Silt) into High Temperature Refractory Bricks	University of San Carlos
113	HEIRIT Regional Startup Enablers for Ecosystem Development (ReSEED)	HEIRIT ReSEED: DASIG Region VII – Development and Acceleration Support for Innovation Growth	Silliman University
114	HEIRIT Regional Startup Enablers for Ecosystem Development (ReSEED)	HEIRIT ReSEED: Scaling Up the Innovation Consortium of South Luzon (ICONS South Luzon)	Batangas State University
115	HEIRIT Regional Startup Enablers for Ecosystem Development (ReSEED)	Mindanao Startup Ecosystem Transformation Consortium (MindSET North Mindanao)	University of the Philippines - Mindanao
116	HEIRIT Regional Startup Enablers for Ecosystem Development (ReSEED)	Handholding Starting Incubators from HEIs for Readiness towards Innovation and Technopreneurship Preparatory and Skills	University of the Philippines - Mindanao
117		Intelligent Structural Health Monitoring via Mesh of Tremor Sensors (meSHM)	De La Salle University
118		AeroComp: Enhanced Lightweight Fiber-reinforced Composites Structures for Defense Applications	University of the Philippines - Diliman
119		Evaluating the Performance and Disposal of Kapok Sorbents for Marine Oil Spills (K4MOS)	University of the Philippines - Diliman
120		Prediction of Long-Period Ground Motion in Megacities of the Philippines Critical to Seismic Safety of High-Rise Buildings	DOST - Philippine Institute of Volcanology and Seismology (PHIVOLCS)
121		Multi-criteria Evaluation of Suitable Locations for Temporary Disaster Waste Storage Sites: The Case of Cavite, Philippines - Publication of Scientific/Research papers in Scientific/Technical Journals	University of the Philippines - Diliman

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122		DANUM: Decontaminator and Acid Neutralizer Utilized Mesh or Mesh-Type Filtration System With Calcite and Limestone: A Prototype for Acidic Mine Drainage Neutralization in Itogon, Benguet	University of the Cordilleras
123		Project CityLytics: Predictive Data Analytics and Quantitative Modelling of Catbalogan City Competitiveness and Performance Index	Samar State University

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124		Comparative Study Between Standard Methods and Philippine Made PM and CO Measuring Devices	DOST - Industrial Technology Development Institute (DOST-ITDI)
125	Programs for Research, Innovation and Startups focused on Energy, Climate Tech & Sustainability	Ready, Spark, Charge: Hacking the Future of Energy	New Energy Nexus Philippines
126	Institution Development Program (IDP)	Establishment of natural products development laboratory: A future-proofing intervention for the agro-industrial sector	Davao Oriental State College of Science and Technology
127	Institution Development Program (IDP)	Establishment of a Green Biohydrogen to Energy (green bio-H ₂ E) Research and Development Laboratory in Northern Mindanao	Xavier University - Ateneo de Cagayan
128	Institution Development Program (IDP)	Gums, Resins, Oils and Woodcraft Technology Hub (G.R.O.W. T. H.)	Cebu Normal University - Main
129	Good Governance through Data Science and Decision Support System (GODDESS)	Development of Family Development Sessions Transformative Learning Path Monitoring Information System	University of the Philippines - Los Baños
130	Good Governance through Data Science and Decision Support System (GODDESS)	PreMESS (Predicting Meat Supply System): A Decision Support System for Forecasting Meat Supply in Davao City using Geospatial and Predictive Analytics for National Meat Inspection Services RTOC XI	University of Mindanao - Bolton
131	Detection, Treatment, and Detoxification System for Emerging Contaminant of Concerns in Wastewater (DETOXS)	Evaluation of Wastewater Treatment for Emerging Contaminants of Concerns with Eco-Biological Parameters (WaTECs)	University of the Philippines - Los Baños
132	Detection, Treatment, and Detoxification System for Emerging Contaminant of Concerns in Wastewater (DETOXS)	The application of nanomaterials on electrochemical sensor (NATROSENSOR) for rapid, cost-effective and sensitive detection of various antibiotics in wastewater	University of the Philippines - Los Baños
133		Knowledge Transfer to DOST Technical Staff: Catalyst to MSMEs' Gaining PQA for MSMEs	DOST Region IX
134		Micro-scale Continuous Extraction System for the Recovery of Uranium from Philippine Wet Phosphoric Acid	DOST - Philippine Nuclear Research Institute (DOST-PNRI)
135	PCIEERD Sustainable Mineral Resources in the Philippines - Strategic Large Grant	PROMT: Philippines Remediation of Mine Tailings (Large Grant)	DOST - Philippine Nuclear Research Institute (DOST-PNRI)
136	HEIRIT Regional Startup Enablers for Ecosystem Development (ReSEED)	Ilocos SILLAG	DOST Region I
137	HEIRIT Regional Startup Enablers for Ecosystem Development (ReSEED)	Level Up Western Visayas: Unleashing the Potential of a Cohesive Ecosystem for Startup Growth and Innovation in the region	Iloilo Science and Technology University
138	PCIEERD Higher Education Institution Readiness for Innovation and Technopreneurship (HEIRIT) TBIs	HEIRIT: Establishment of BALIK sa Bohol (Business Accelerators Linking Innovation and Knowledge): A DOST-supported TBI at the Bohol Island State University (BISU)	Bohol Island State University - Tagbilaran
139	Funding Assistance for Spin-off and Translation of Research to Advance Commercialization (FASTRAC) Program	Farm to Fashion: Characterization of the Philippine Yarn Products Supply and Value Chain, Physico-chemical properties, and Sustainability Plans	University of the Philippines - Visayas
140	Funding Assistance for Spin-off and Translation of Research to Advance Commercialization (FASTRAC) Program	Product Refinement, Demonstration, Certification, and Business Model Validation of Locally-Produced Robust Optical Aerosol Monitor (ROAM)	University of the Philippines - Diliman
141	Women-Helping-Women: Innovating Social Enterprises (WHWISE) Program	Fostering Innovation to Scale-Up Technopreneurship Operations of Women-Led Social Enterprises	DOST NCR
142	Women-Helping-Women: Innovating Social Enterprises (WHWISE) Program	Accelerating Innovation and Inclusive Entrepreneurial Ecosystem for Women in Caraga through the WHWISE Program	DOST XIII
143	Women-Helping-Women: Innovating Social Enterprises (WHWISE) Program	Babaye para sa Babaye: WHWISE Regional Search – Northern Mindanao	DOST X
144	Women-Helping-Women: Innovating Social Enterprises (WHWISE) Program	Assistance to the Upgrading of Technology of LunchBox Project Superfoods Community Partners in Bulacan, Philippines	Actions Hub Philippines Inc.

	PROGRAM TITLE	PROJECT TITLE	IMPLEMENTING AGENCY
145	Women-Helping-Women: Innovating Social Enterprises (WHWISE) Program	Enhancement and Improvement of Recommender System and Risk Assessment Report Features of AIMHI, a Construction Project Management System for Construction Company	Seckka Empire Builders, Inc.
146		DOST-DTI-DICT Collaboration Project for International and Local Events for the Innovative Startup Act	Ideaspace Foundation, Inc.
147	HEIRIT Regional Startup Enablers for Ecosystem Development (ReSEED)	Establishment of SOCCSKSARGEN Startup Ecosystem Development Consortium	DOST XII

	PROGRAM TITLE	PROJECT TITLE	IMPLEMENTING AGENCY
148		Problem-Solution Fit: Design Thinking for Researchers	University of the Philippines - Diliman
149		SPRINT: Turning Ideas Into Revenue: A Guide to Commercialization	DLSU Animo Labs Foundation, Inc.
150		SPRINT: Science and Technology Entrepreneurship Program (STEP): Preparing Scientists and Engineers to Lead Spin-Off Companies for their Innovations	Ateneo de Manila University
151		SikLab: Business Modelling and Product-Market Fit (Licensing Track for Researchers)	University of the Philippines - Diliman
152		Filipinnovation Entrepreneurship Corps 4 (FEC4) : COHORT #4 Enabling Researchers to Assess Commercial and Societal Value of their Research	De La Salle University - Manila
153	Young Innovators Program (YIP)	Utilization of Crab (Brachyura) Shells in Bioplastic Nursery Pot Production	South Hill School, Inc.
154	Young Innovators Program (YIP)	Fungal chitosan- based Microbeads: A Heavy Metal Soil-based biosorbent	Polytechnic University of the Philippines - Sta. Mesa
155	Young Innovators Program (YIP)	Application of green silver nanoparticles for dye wastewater treatment	University of the Philippines - Mindanao
156	Young Innovators Program (YIP)	3D Printed Waste Battery Rod Derived Exfoliated Graphite-Polymer Composites for Electronic Sensor Applications	Batangas State University
157	Young Innovators Program (YIP)	Chitosan and Phosphorylated Chitin from Mussel Shells (Perna viridis) as Flame Retardant Bilayer Coating for Linen Fabrics	Angeles University Foundation
158	Young Innovators Program (YIP)	A Teensy Microcontroller-based Photobioreactor for Microalgae Cultivation	Angeles University Foundation
159	Young Innovators Program (YIP)	Solar-powered Enzymatic Composting Bin with Arduino-based pH, Moisture level, and Temperature Monitoring System	South Hill School, Inc.
160	Young Innovators Program (YIP)	Development of Tubular Triboelectric Exhaust Filter for Philippine Jeepneys	South Hill School, Inc.
161	Young Innovators Program (YIP)	Converting Single-Use Plastic Wastes Into Base Ten Blocks for Mathematics	South Hill School, Inc.
162	Young Innovators Program (YIP)	Electric Field Generating Portable Device Against Arthropod Vectors	Can-ayan Integrated School
163	Young Innovators Program (YIP)	(Young Innovators Program 2023) Saling-Wika: The Application of Gamification Aspects in Developing a Filipino Sign Language Learning App	Angeles University Foundation
164	Young Innovators Program (YIP)	Chitopacks: Poly(vinyl) Alcohol-Chitosan and Poly(butylene Adipate co-Terephthalate)-Chitosan Biocomposites as Potential Food Packaging Material	Department of Science and Technology - Philippine Science High School
165	Young Innovators Program (YIP)	Project ACaFilter - Acacia seed pods activated carbon-based Filter for heavy metal removal	Department of Science and Technology - Philippine Science High School
166	Young Innovators Program (YIP)	AmoGOOs: Adhesive Effectiveness of Recycled Styrofoam Waste as an Alternative to Conventional Wood Glue	Morong National High School - Senior High School
167	Young Innovators Program (YIP)	Cresunscreens: Formulation of the Calabash (Crescentia cujete) Methanolic Extract as a Sunscreen Cream	University of the Philippines - Visayas
168	PCIEERD Human Resource Development Program		Multiagency
169	Balik Scientist Program		Multiagency
170	Support to Regional Networks		Multiagency
171	Project Management/ Assessment and Policy Development Program (M&E)		Multiagency

List of Partners with Local (Public and Private) and International Organizations

1	Actions Hub Philippines Inc.
2	Adamson University
3	Aklan State University
4	Adobokashi Systems, Inc.
5	Angeles University Foundation
6	Apayao State College - Luna
7	Asian Institute of Management
8	Ateneo de Davao University
9	Ateneo de Manila University
10	Ateneo de Naga University
11	Ateneo de Zamboanga University
12	AtoANI
13	Azalun Inc.
14	Bataan Peninsula State University
15	Batanes State College
16	Batangas State University
17	Bauertek Corporation
18	Bicol State College of Applied Science and Technology
19	Bicol University
20	Bizooku Philippines Inc.
21	Bohol Island State University - Tagbilaran
22	Bulacan State University
23	Burket.Ph, Inc.
24	Cagayan State University - Aparri
25	Cagayan State University - Tuguegarao (Carig)
26	Camarines Norte State College
27	Camarines Sur Polytechnic Colleges
28	Can-ayan Integrated School
29	Capiz State University - Burias Campus
30	Caraga State University
31	CAWILAI
32	Cebu Doctors' University Hospital
33	Cebu Institute of Technology - University
34	Cebu Normal University - Main
35	Cebu Technological University - Main Campus
36	Central Luzon State University
37	Central Mindanao University
38	Chimera Technologies Corporation
39	Colegio de la Ciudad de Tayabas
40	Colegio de Muntinlupa
41	CreatorBox Products and Solution
42	Davao Oriental State College of Science and Technology
43	De La Salle - College of Saint Benilde
44	De La Salle University - Laguna
45	De La Salle University - Manila
46	Department of Agriculture - Philippine Coconut Authority (DA - PCA)
47	Department of Environment and Natural Resources - Mines and Geosciences Bureau (DENR - MGB)

48	Don Mariano Marcos Memorial State University - Mid La Union Campus
49	Don Mariano Marcos Memorial State University - North La Union Campus
50	Dulche Chocolates Inc.
51	eCFulfill Inc.
52	EdFolio Inc.
53	Eduk Ai Software Corporation
54	Far Eastern University - East Asia College
55	FEATI University
56	FLQ Foods and Panciteria
57	GOODAPPS, Inc.
58	Guimaras State College-Mosqueda
59	Heysuccess Virtual Assistance Services
60	Holy Angel University
61	Hubware Corporation
62	Hyperstacks Inc.
63	Ideaspace Foundation, Inc.
64	Ilocos Sur Polytechnic Sate College
65	Iloilo Science and Technology University
66	InsightSCS Corp.
67	International Association of Packaging Research Institutes
68	IOL Inc.
69	Isabela State University - Cauayan Campus
70	John B. Lacson Foundation Maritime University - Molo
71	Jose Rizal Memorial State University
72	Kalinga-Apayao State College
73	Karga Express Intelligence System, Inc
74	Kingstate Ventures Corp.
75	La Salle University - Ozamiz
76	Laguna State Polytechnic University - Los Baños
77	Lesstics Inc.
78	LexMeet, Inc.
79	Liceo de Cagayan University
80	Likhang Maragondon
81	LMS Solutions Philippines, OPC
82	Lyon Software Technologies, Inc.
83	Magwayen Organics, Inc
84	Malayan Colleges
85	Mapua University
86	Maranga Software Solutions
87	Mariano Marcos State University
88	Marikina Polytechnic College
89	Mechatronics and Robotics Society of the Philippines
90	Mindanao State University - General Santos
91	Mindanao State University - Iligan Institute of Technology
92	Morong National High School - Senior High School
93	MotmotLala Co.
94	MuraMart Holdings Inc.
95	Nanotronics Inc.
96	New Energy Nexus Philippines
97	Nueva Ecija University of Science and Technology - Sumacab

98	Nueva Vizcaya State University - Main
99	OBXs IT Solutions
100	Ofamen Cacao Farm
101	Ohelio Inc.
102	Olern, Inc.
103	Olivia Technology Group, Inc.
104	Our Lady of Fatima University
105	Palawan State University
106	Pamantasan ng Cabuyao
107	Pangasinan State University
108	Panublix Innovations, Inc
109	Partido State University - Goa
110	PCI Tech Center
111	Philippine Foundation for Science and Technology
112	Philippine Women's College of Davao
113	Plantsville Health Products
114	Polytechnic University of the Philippines - Sta. Mesa
115	Quirino State University
116	Robin Machine Manufacturing
117	Saint Louis University
118	Saint Mary's University
119	Samar State University
120	Seckka Empire Builders, Inc.
121	Silliman University
122	Society of Naval Architects and Marine Engineers
123	South Hill School, Inc.
124	Southern Leyte State University
125	Southern Luzon State University - Lucban
126	Splore Innovations Group, Inc.
127	Sultan Kudarat State University
128	Surigao State College of Technology
129	Sustainable and Compostable Horizons Industry (SACHI) Group Inc.
130	Tarlac State University
131	Technological Institute of the Philippines - Arlegui Campus
132	Technological Institute of the Philippines - Quezon City
133	Technological Institute of the Philippines Manila - P. Casal Campus
134	Technological University of the Philippines - Visayas
135	The Green Table
136	TinkerHouse Inc.
137	University of Antique
138	University of Cebu
139	University of Immaculate Conception
140	University of Mindanao - Bolton
141	University of Mindanao Digos College
142	University of Perpetual Help System DALTA - Las Piñas
143	University of Perpetual Help System DALTA - Molino
144	University of San Agustin (USA)
145	University of San Carlos
146	University of Santo Tomas
147	University of Science and Technology of Southern Philippines - CDO Campus

148	University of Southeastern Philippines
149	University of Southern Mindanao - Main
150	University of St. Louis - Tuguegarao
151	University of the Cordilleras
152	University of the Immaculate Conception
153	University of the Philippines - Baguio
154	University of the Philippines - Cebu
155	University of the Philippines - Los Baños
156	University of the Philippines - Manila
157	University of the Philippines - Mindanao
158	University of the Philippines - Visayas
159	University of the Philippines - Diliman
160	Verdant Seasons Farm Management Technologies Corp.
161	Virtualahan Inc.
162	Visayas State University
163	WASTE4GOOD
164	West Visayas State University
165	Western Institute of Technology
166	Workbean Philippines Corporation
167	WTH Plant Based Corporation
168	Xavier University - Ateneo de Cagayan

List of Monitored Projects
(January to September 2023)

	PMIS ID	Project Title	Implementing Agency
1	9451	Key Technological Research of Philippines and China on Mobile Power Generation Based on Gasification of Municipal Solid Wastes (MSW) and Agricultural Biomass Pretreated by Co-hydrothermal Process	Mindanao State University - Iligan Institute of Technology
2	9449	DOST-MOST: The Development of High-performance and Low-cost Membrane Electrode Assembly for Alkaline Fuel Cell Based on Ion/Electron Dual Conducting Catalyst Layers	University of the Philippines - Diliman
3	8997	Geotechnical Mapping of Metro Manila Subsoil (GEMMMS)	De La Salle University - Manila
4	9315	Harmonized Aerial Watch and Knowledge-based Survey (HAWKS)	University of the Philippines - Mindanao
5	9316	Robot for Optimized and Autonomous Mission-Enhancement Responses (ROAMER)	DOST - Advanced Science and Technology Institute (DOST-ASTI)
6	6919	Understanding Lightning and Thunderstorms for Extreme Weather Monitoring and Information Sharing (ULAT)	Advanced Science and Technology Institute
7	9167	Natural Fiber-based Technical Textiles for Smart Indoor Installations	DOST - Philippine Textile Research Institute (DOST-PTRI)
8	8247	Project 1. Water for Tourism: A Science-Based Water Resource Monitoring and Management Planning Guide for Tourist Destinations in the Philippines	Ateneo de Manila University
9	8870	CRADLE2020: Diachronic Representation and Linguistic Study of Filipino Word Senses Across Social and Digital Media Contexts	De La Salle University - Manila
10	10859	Design Improvement of Existing Chain Link Fencing Machine to Produce Slope Protection Circular Wire Mesh	DOST - Metals Industry Research and Development Center (DOST-MIRDC)
11	10832	Unistar Automated Repossessed Motorcycle Assessment System (Unistar ARMAS)	Asian Institute of Management
12	10857	Foamed and Innovative Biochar Ingredients with Environmentally Recycled Plastic in Concrete (FIBER Plastic in Concrete)	De La Salle University - Manila
13	10840	SMART (Steel Manufacturing and Assembly for a Rapid Technology (SMART) in House Construction: Development of an Innovative CFS-based Structure with Screw Piles using Design for Manufacturing and Assembly (DfMA) Technology	De La Salle University - Manila
14	11388	Development of Fermented Food Products from Mature Coconut Water and Coconut Skim Milk By-products from VCO Processing	Philippine Coconut Authority
15	10068	i-DRIP (IoT-Based Dispenser for Real-time Intelligent Pour) an IoT-Based Real-Time Control and Monitoring System for Smart Beverage Dispenser	Bulacan State University - Main

	PMIS ID	Project Title	Implementing Agency
16	7744	Pilot Testing of Packaging Technology Developed for frozen Durian using Locally Produced Packaging Materials	DOST - Industrial and Technology Development Institute (DOST-ITDI)
17	11367	Berry-Blends: Innovative Fruit Products from Acai Berry, Cranberry, Mulberry, Pomegranate, Dragon Fruit, Guyabano and Calamansi	University of the Philippines - Los Baños
18	11370	Natural dye-based Textile Paints for Hand-painting of Abaca-based Products	DOST - Philippine Textile Research Institute (DOST-PTRI)
19	8864	Production of Dietary Fiber using Sugarcane Bagasse from Raw Sugar Manufacturing	DOST - Industrial Technology Development Institute (DOST-ITDI)
20	10251	Scoping and Life Cycle Assessment of Philippine Handloom Woven Textiles in Support of the Creative Philippine Textile Economy	DOST- Philippine Textile Research Institute (DOST-PTRI)
21	10250	Digitization of Philippine Textiles to Protect and Sustain the Handloom Weaving Sector	DOST - Philippine Textile Research Institute (DOST-PTRI)
22	10249	Covert Technology Towards Sustainability and Protection of the Philippine Textile Sectors.	DOST- Philippine Textile Research Institute (DOST-PTRI)
23	8202	Technical Lignocellulosic Nonwoven Textiles for the Automotive and Air Filtration Application	DOST- Philippine Textile Research Institute (DOST-PTRI)
24	11366	Innovative technology for refractory gold extraction using deep eutectic solvent (DES) and hypochlorite solution	DOST - Industrial and Technology Development Institute (DOST-ITDI)
25	10372	Prototype e-Boat for Inland Waterways to Address Urban Congestion	University of the Philippines - Diliman
26	11355	REVIVE PH: Responsible Extraction of Various Valuable Elements in the Philippine Laterite Deposits (Phase I)	DOST - Philippine Nuclear Research Institute (DOST-PNRI)
27	10906	Impact Assessment of the R&D and Roll-out of Food Processing Equipment Prototypes in the Philippines	University of the Philippines - Los Baños
28	11009	Establishment of Electronics Projects Laboratory for Process Automation of the Cagayan Lodging Industry	University of St. Louis - Tuguegarao
29	9567	Development of a Local Cloud-Based Digital Apparel Prototyping Platform of the PTRI-Textile Product Development Center as a Response to the "Now Normal"	DOST - Philippine Textile Research Institute (DOST-PTRI)
30	9980	IMPACT: Strengthening Bicol University's IP Management Programs and Commercialization Strategies (BU-IPCom)	Bicol University
31	9627	Proj 2: CALAMI-T: Cordillera Administrative Landslide Monitoring Integrated Toolbox	University of the Cordilleras
32	9626	MULAT BLISTT Research Program Project 1: Modelling Susceptibility and Generating Rainfall Threshold for Rainfall-Induced Landslides	University of the Philippines - Baguio
33	9011	Green Fiber-reinforced Polymer (FRP) Composites as an Innovative Repair System for Earthquake-prone Historical Buildings	De La Salle University - Manila

	PMIS ID	Project Title	Implementing Agency
34	10266	Sustainable Green Energy from Hydrogen Evolution Reaction via 2D Janus Nanosheet Electrocatalysts (SGEHER2DNANO): Density Functional Theory Calculations	University of the Philippines - Los Baños
35	8482	Landslide Investigations on Geohazards for Timely Advisories in the Philippines (LIGTAS)	University of the Philippines - Los Baños
36	9246	Colorimetric and Performance Standardization of NatDyes Produced in Various NatDyes Hubs in the Philippines	DOST- Philippine Textile Research Institute (DOST-PTRI)
37	8881	Biomass-Derived Nanomaterials as Novel Electrocatalyst Components for Direct Ethanol Fuel Cells	University of Santo Tomas
38	10394	Project 1: Towards Green Smart Cities: Connected Embedded Systems for Indoor and Outdoor Air Quality Monitoring	University of the Philippines - Diliman
39	10836	Energy Harvesting for Battery-less IoT Device Operation	Mindanao State University - Iligan Institute of Technology
40	10834	Model-Driven Co-Design of MEMS-Based Sensors and Interface Circuits	University of the Philippines - Diliman
41	10835	Energy Efficient Machine Learning Hardware Co-design	University of the Philippines - Diliman
42	10833	Energy-Efficient RF Front-end Architectures for Large-Scale Sensor Networks	University of the Philippines - Diliman
43	10825	Design and Development of Marine Autonomous Surface Ship (MASS) Prototype	Cebu Technological University
44	10823	Hull Design Standard for Philippine Seawater Typology (SPST)	University of Cebu
45	10108	Assessment, Monitoring, and Prediction of Coastal Flooding of Selected Municipalities in Region I	Mariano Marcos State University
46	10106	Coastal erosion trends and management strategies for Region 1	University of the Philippines - Diliman
47	10110	Development of Science-based Engineering Approach to Coastal Protection in Region I	Don Mariano Marcos Memorial State University - North La Union Campus
48	10112	Enhancing Coastal Design and Infrastructure Intervention through the Establishment of Wave Testing Facility	Mariano Marcos State University
49	9333	Design, Fabrication and Testing of Electrical and Electronic Systems of a Locally Developed E-Trike	University of the Philippines - Diliman
50	10076	Processing of Coconut Monoglycerides (CMG) into Functionalized Polyols for Industrial Polyurethane Applications	Mindanao State University - Iligan Institute of Technology
51	10049	Development of Eco-Cement Using Locally available Industrial Wastes for Construction Applications	Central Mindanao University

	PMIS ID	Project Title	Implementing Agency
52	10051	Laminated Natural Fiber Composite as ECO-Geocell and ECO-Geogrid for Roadway Construction	De La Salle University - Ozamiz
53	10048	"Development of market-ready admixtures and SMART lightweight foamed composites with passive energy-regulating and self-reinforcing properties from agro-industrial wastes for roof screeds, roof insulation, ceilings, walls, and floor applications" (6 Research Studies)	Mindanao State University - Iligan Institute of Technology
54	10038	GIS-Based Decision Support Tool in Managing Urban Water Infrastructure with Stormwater Intervention for Smart Cities: A Case for Cauayan City	Isabela State University - Water Research Center
55	8889	Improving the Livelihood of MSMEs thru Cable Supported Water and Transport Infrastructure	Saint Louis University
56	8892	Slope Stability Analysis and Engineering Intervention for Rice Terraces and Road Infrastructures in Terrain Areas	Kalinga-Apayao State College - Main
57	8891	Development of Artificial Groundwater Recharge Facility for Drought and Flooding Mitigation	Bulacan State University
58	6890	Synthetic Aperture Radar (SAR) and Automatic Identification System (AIS) for Innovative Terrestrial Monitoring and Maritime Surveillance	DOST - Advanced Science and Technology Institute (DOST-ASTI)
59	1211337	Accelerating the Growth of the Ateneo Blue Nest Incubation Program	Ateneo de Davao University
60	10278	Road Infrastructure Design Evaluation and Reporting System (RIDERS)	Technological Institute of the Philippines - Quezon City
61	10275	Motor Vehicle Inspection System with loaded emissions testing and smart features (MVISION)	De La Salle University - Manila
62	10279	V2X Initiatives for Road Safety (VIROS)	University of the Philippines - Diliman
63	8597	Automated Labeling Machine - Large-Scale Initiative (ALaM-LSI)	University of the Philippines - Mindanao
64	8890	Upland River and Spring Water Assessment and Management	University of the Cordilleras
65	10873	Establishment of Quantum Innovation Laboratory: Optimizing a Decision Diagram-based Free and Open-Source Quantum Circuit Simulator for Benchmarking in an HPC Environment using Entanglement, Random Circuits, and Quantum Algorithms Benchmark Datasets	DOST - Advanced Science and Technology Institute (DOST-ASTI)
66	11022	Development of Protein Hydrolysates from Catfish Consumption Wastes as a Food Ingredient	University of the Philippines - Visayas

	PMIS ID	Project Title	Implementing Agency
67	9128	Development of high-resolution observation-based gridded sub-daily climate data for the Philippines (ClimGridPh)	DOST - Philippine Atmospheric, Geophysical and Astronomical Services Administration (DOST-PAGASA)
68	8919	Nurturing Interest in STEM Among Filipino Learners Using Minecraft	Ateneo de Manila University
69	8921	Technical Support for DOST Regional Food Innovation Centers (rFICs)	DOST-Industrial Technology Development Institute (DOST-ITDI)
70	8339	SAILS - Project 1: Port and Ballast Water Baselines using ecological, microbiological and eDNA approaches	University of the Philippines Diliman
71	10271	3D Warp-Knitted Natural Textile Fiber-based Spacer Fabrics for the Local Footwear Industry	DOST- Philippine Textile Research Institute (DOST-PTRI)
72	10270	Sustainable Textiles for the Community-based Philippine Footwear Industries (STePHF-In)	DOST- Philippine Textile Research Institute (DOST-PTRI)
73	9655	Leveling-up of Quezon's Bagsakan Agri-Processing Capability through Adoption of the Smart Food Value Chain Framework	DOST Region IV-A
74	9436	Upgrading the Capability of Existing Distribution Centers /Trading Posts in the Delivery of Fresh and Semi-Processed Agricultural Products in the Supply Chain: Focusing on Packaging Technology and Logistics	DOST - DOST-Industrial Technology Development Institute (DOST-ITDI)
75	9599	Upgrading of the Vacuum-Fried Fruits and Vegetables Production in the Western Visayas Food Innovation Center	Guimaras State College - Mosqueda
76	9465	Development and Deployment of a Smart Toll Processing System for Vacuum-Fried Mixed Chips, Spray-dried Buko Powder and Thermally Processed Tuna Congee	Philippine Women's College of Davao
77	9466	Development of Mobile Modular Food Processing Facility (MMFPP)	DOST - Industrial and Technology Development Institute (DOST-ITDI)
78	10513	Improvement of the MAGWAI Reef-Safe Sunscreen Formulation to Accelerate its Market Adoption	Magwayen Organics, Inc
79	10526	Prototype Enhancement for Digitizing Traditional Market Centers (Bagsakans) and Market Validation for a Networked Agricultural Clearing House	Verdant Seasons Farm Management Technologies Corporation
80	10981	Enhancement of a Wireless Network Based Educational Service Delivery (A Mobile App Development for Content Distribution System)	CreatorBox Products and Solution
81	9547	A two-step neutralization ferrite process as active remediation technique for environmental treatment of AMD - resubmitted	De La Salle University - Manila
82	10736	Enhancement and Market Validation of a Fully Accessible Cloud-Based Virtual School for Persons with Disabilities in the Philippines	Virtualahan Inc.
83	10748	Calunasan Cacao Pod Husk w/ Rice Hulls based Fuel Briquetting	Ofamen Cacao Farm

	PMIS ID	Project Title	Implementing Agency
84	10721	Enhancement and Market Validation of Artist Management (HUSAY.CO) with Artist-Profiling, Worker Benefits Facilitation, and Job-Matching System	MotmotLala Co.
85	10289	Development of an AI-assisted Thunderstorm Early Warning System from Analysis of Doppler Radar Data	University of the Philippines - Diliman
86	1211132	DOST-IMPROVE (IP Management and Protection of Rights or Ownership against Violations and Encroachment)	DOST - Technology Application and Promotion Institute (DOST-TAPI)
87	9159	Project CRUISE: A Capacitive Resistivity Underground Imaging Survey Equipment for Underground Utility Assessment of Philippine Infrastructures	De La Salle University - Manila
88	9666	PROPOSED INSTALLATION OF AGT IN BPSU MAIN CAMPUS (AS LABORATORY FACILITY OF THE PROPOSED RAILWAY ENGINEERING PROGRAM AND EXISTING ENGINEERING PROGRAMS)	Bataan Peninsula State University
89	10375	Process and Product Optimization of Black Garlic used as Flavor Enhancer	Mariano Marcos State University - Main
90	9215	A Link-Up of Geomatics and Social Science Research for the Development of Smart Cities (LUNGSOD) Project	University of the Philippines - Diliman
91	9646	Sustainable BIM-Based Evaluation for Infrastructure Project Implementation	Mapua University
92	5666	Knowledge Transfer to DOST Technical Staff: Catalyst to MSMEs' Gaining PQA for MSMEs	DOST Region IX
93	10239	SandPix: A Sand based Image Printing Technology	Western Institute of Technology
94	10237	MINERVA: Monitoring of INDicators for Efficient Redevelopment and Value Assessment	Asian Institute of Management
95	9545	Prediction of Long-Period Ground Motion in Megacities of the Philippines Critical to Seismic Safety of High-Rise Buildings	DOST - Philippine Institute of Volcanology and Seismology (DOST- PHIVOLCS)
96	10176	Establishing the PCAARRD Impact Communities [PCAARRD Para sa Pamayanan (3Ps)]	DOST - Philippine Council for Agriculture, Aquatic and Natural Resources Research and Development (DOST-PCAARRD)
97	9154	DEVELOPING THE CAPABILITY OF MICRO- AND SMALL-SCALE PROCESSORS IN THE MANUFACTURE OF QUALITY FOOD PRODUCTS FROM PHILIPPINE COCOA BEANS	DOST - Industrial Technology Development Institute (DOST-ITDI)
98	8981	Integrated Flood and Water Resources Management in ASEAN Basins for Sustainable Development	Isabela State University - Main
99	8858	AQUADRONE: UAV Assisted Deployment System for Water Quality Monitoring	University of Santo Tomas
100	7376	CAPPS: Development of Alternative Ceramic Armor Plates from Philippine Silicates for Philippine Armed Personnel	Mindanao State University - Iligan Institute of Technology
101	11634	FASTRAC: Validation of WEHLO as a Spin-off from DOST-PCIEERD Funded Projects; ARMS, FRAMER and SCaRP	Mapua University
102	9598	Engineered smart concrete utilizing indigenous wastes for durable and intelligent infrastructure	University of Mindanao - Bolton

	PMIS ID	Project Title	Implementing Agency
103	9029	Production and Improvement of Construction Materials using Bacterial Calcite Precipitation	University of the Philippines - Diliman
104	8129	Establishment of Metals and Engineering Innovation Centers in Cordillera Administrative Region (CAR), Regions I, II, III and X	DOST - Metals Industry Research and Development Center (DOST-MIRDC)
105	5667	Exposure Assessment of Food Chemical Contamination in Metro Manila: A Pilot Total Diet Study Approach	DOST - Food and Nutrition Research Institute (DOST-FNRI)
106	10179	DANAS: Earthquake, Tsunami and Volcano Disaster Narratives for an Experiential Knowledge-based Science Communication	DOST - Philippine Institute of Volcanology and Seismology (DOST-PHIVOLCS)
107	11219	Standardization and Validation of Chemical Test Methods on Allergen and Preservatives Food Safety Parameters Among DOST Laboratories	DOST - Industrial Technology Development Institute (DOST-ITDI)
108	11163	Design and development of a subsonic wind tunnel system for airspeed realization and calibration	DOST - Industrial Technology Development Institute (DOST-ITDI)
109	11183	Smarter OneLab for Industry 4.0 through Testing and Calibration, Education, and Discovery (OneLab for TED)	DOST IX
110	9169	Blockchain-Based Novel System/Application for Transparent Traceability of Halal-and-Tayeb Cacao Products	University of Southeastern Philippines - Main
111	9104	Safe, Efficient, and Sustainable Solar-Assisted Plug-In Electric Boat (Sessy E-Boat)	Mapua University
112	10236	Collaborative Aerial-ground Unmanned System for Exploration and Monitoring of Philippine Active Volcanoes	Mindanao State University - Iligan Institute of Technology
113	10297	Establishment of Halal Assurance Management System and Halal-compliant Standardized Process for Spa Skincare Products for the Halal Tourism Industry	DOST - Industrial Technology Development Institute (DOST-ITDI)
114	11600	Training on Additive Manufacturing with Machine Learning and Artificial Intelligence	DOST - Industrial Technology Development Institute (DOST-ITDI)
115	9127	Development of Prediction and Warning System on Sub-Seasonal Scale of Extreme Events Associated with Monsoon in the Philippines (Monsoon@Ph)	DOST - Philippine Atmospheric, Geophysical and Astronomical Services Administration (DOST-PAGASA)
116	11362	Bio-composite from Waste Vetiver Roots and thermoplastic for Industrial Application	DOST - Industrial Technology Development Institute (DOST-ITDI)
117	10851	ICT4RM 2.0 : Assessment, Monitoring and Evaluation of Mining Resources and its Contribution Using Predictive Analytics and Collective Intelligence	Caraga State University
118	10326	RENEW P2: Microbial community composition and function for the removal of excess nitrogen and endocrine disruptors in wastewater treatment	University of the Philippines - Diliman
119	10088	Predictive Estimation of Ecological Carrying Capacity: Tool For Sustainable Aquaculture and Eco-Tourism Development In Small Crater Lakes of Quezon Province	Laguna State Polytechnic University - Los Baños

	PMIS ID	Project Title	Implementing Agency
120	10506	Prototype Improvement and Market Validation of AtoANI i-CROP Platform (A Databased Recommendation Platform for a Produce-to-Demand Agriculture Model)	AtoANI
121	8481	RADAR and Disdrometer Data Application and High-Resolution QPF for Complex Terrain	DOST - Philippine Atmospheric, Geophysical and Astronomical Services Administration (DOST-PAGASA)
122	1211314	Training of Trainers Program (ToT) on Nanotechnology	DOST - Industrial Technology Development Institute (DOST-ITDI)
123	8863	Application of Natural Antioxidants Derived from Sugarcane for Food, Food Supplement and Cosmetics Production Formulations	University of the Philippines - Los Baños
124	1211232	Research and Development Advancement of AIMHI's Machine Learning Model and Establishing of Procedures for Protecting Customer Business Information for Contractors	Seckka Empire Builders, Inc.
125	10426	WHWise: innovation thru Building and Leveraging Entrepreneurship Development, Networking and inclusive Community Engagement for Women Entrepreneurs (iBLEN DNICE 4WomEn)	Mindanao State University - Iligan Institute of Technology
126	7556	Fabrication and Characterization of Hydrophobic Nanocomposite Plated Abaca Fabric for Enhanced Electromagnetic Interference Shielding (EMI-SE) and Thermal Resistance (TR) for Spacesuits Application	De La Salle University - Manila
127	11578	IMPACT: Strengthening IP Management for Upgraded Licensing and Adoption mechanisms of ASTI Technologies for commercialization (SIMULA)	DOST - Advanced Science and Technology Institute (DOST-ASTI)
128	9195	AeroComp: Enhanced Lightweight Fiber-reinforced Composites Structures for Defense Applications	University of the Philippines - Diliman
129	11572	A Real-time Flying Insect Recognizer and Locator Tool utilizing Binaural Signals for Portable and Constrained Devices	University of the Philippines - Visayas
130	9575	Comparative Study Between Standard Methods and Philippine Made PM and CO Measuring Devices	DOST - Industrial and Technology Development Institute (DOST-ITDI)
131	10719	Optimizing the Production of Natural Products from the Philippine Cinnamon & other aromatic plants	Plantville Health Products
132	10397	Project 4: Indoor Air Quality Monitoring and Reporting System	DOST - Industrial Technology Development Institute (DOST-ITDI)
133	10248	The PEEL-Good Project: Bench-scale Ultrasound-assisted Production of Pectin from 'Saba' Banana Peel Waste	University of the Philippines - Los Baños
134	1211318	HEIRIT: Establishment of DOST-TSU Aslagan Technology Business Incubator	Maric State University
135	9114	System for Optimized Routing for Transport (SORT)	De La Salle University - Manila

	PMIS ID	Project Title	Implementing Agency
136	10978	Predicting malnutrition among children under five year old with the use of Classification techniques in Data Mining	DOST - Food and Nutrition Research Institute (DOST-FNRI)
137	11313	Deterministic Ground Shaking and Earthquake-Induced Landslide Hazard Modeling Using Geophysics, Remote Sensing, and Artificial Intelligence	DOST - Philippine Institute of Volcanology and Seismology (DOST- PHIVOLCS)
138	9631	SMART TURF Proj 1: Drainage Crawler/Probe Development for Drainage Inspection (DraCrawla) Project	Cebu Institute of Technology
139	9978	IMPACT: Enhancement of the DOST-FNRI's Technology Transfer Office Policies and Processes	DOST - Food and Nutrition Research Institute (DOST-FNRI)
140	10037	Integrated Assessment and Analysis of Hydraulic Assets for Sustainable and Resilient Flood Control Infrastructure	Cagayan State University - Tuguegarao (Carig)
141	10351	Development and Deployment of Halal Tourism Training Module and Halal Assurance Systems (HAS) to Secure Halal Compliance of Tourism Establishments	DOST NCR
142	11603	Training on Additive Manufacturing with Machine Learning and Artificial Intelligence	DOST - Metals Industry Research and Development Center (DOST-MIRDC)
143	10301	Science for the People: Towards a Harmonized Science Communication Framework	University of the Philippines - Los Baños
144	8576	Development of Theoretical and Computational Models Based on Percolation Theory Leading Towards Durable Material Design	Mapua University
145	10324	RENEW P1: Point-of-source determination of Endocrine Disrupting Compounds in wastewaters for interventions (PoST-EDCs)	University of the Philippines - Diliman
146	9970	IMPACT: Establishment of Knowledge, Technology Transfer and Business Development Processes and Services in West Visayas State University	West Visayas State University
147	10045	Advanced Cathode Materials for Next Generation Batteries (NextGen)	University of the Philippines - Diliman
148	9581	Sustainable Meltblown Nonwoven Textiles for Mask Filters and Packaging Application	DOST - Philippine Textile Research Institute (DOST-PTRI)
149	8485	Project 2: Tectonic consequences of subduction in Northern Luzon (GAIA)	University of the Philippines - Diliman
150	9550	Stable Isotope and Multi-Elemental Profiling of Coffee and Cacao Beans in the Philippines by IRMS and XRF for Origin Identification	De La Salle University - Manila
151	1211333	HEIRIT : Establishment of Social Innovation Laboratory and Business Inclusion (SILBI) Center: A DOST-supported Technology Business Incubation (TBI) at the University of the Philippines Baguio (UPB)	University of the Philippines - Baguio

	PMIS ID	Project Title	Implementing Agency
152	10077	Production of Polyurethane-Modified Concrete (PMC) – Nanomaterial Composite from Crude Glycerol for Industrial Flooring System Application	Mindanao State University - Iligan Institute of Technology
153	11305	Assessment, Development, and Preservation for Typhoon and Earthquake Resilient Ivatan Houses	Cagayan State University - Tuguegarao (Carig)
154	10985	Development of Hubware 4.0 and Market Validation of the Construction-focused online marketplace Platform	Hubware Corporation
155	10577	Establishment and Operationalization of the Integrated Research and Development Laboratory in Antique	University of Antique
156	9225	Optimization of the GeoRiskPH Integrated System through Risk Assessments, Site Suitability Models and 3D Visualizations to Aid Policy and Decision-Making (3D Earth Risk)	DOST - Philippine Institute of Volcanology and Seismology (DOST- PHIVOLCS)
157	9948	Establishment Iloilo Science and Technology University Technology Transfer Processes	Iloilo Science and Technology University
158	10047	Advanced Lead Acid Batteries with Embedded Ultrasonics (ALAB-EU)	Technological Institute of the Philippines - Quezon City
159	1211239	Project SWEET PH-C: Standardization of Ways in Enhancing and Establishing Techniques In Processing Highland Cacao	Dulche Chocolates Inc.
160	11307	Seismic Hazard Assessment for Design Earthquake of the Philippines (SHADE)	DOST - Philippine Institute of Volcanology and Seismology (DOST- PHIVOLCS)
161	10046	REBCell: Rechargeable Edison Battery Cell for long-lasting high energy-density applications	University of the Philippines - Diliman
162	9069	Chemical Synthesis and Characterization of Conducting Polymer/Metal Nanoparticles Composites, and Their Application as a Chemiresistive Gas Sensor Array for H2S and CO2 (EDC Smart Sniffer)	University of Santo Tomas
163	10078	Development of Extracellular Matrix from Fish Processing Wastes for Nutraceutical and Biomedical Application	Mindanao State University - Iligan Institute of Technology
164	11202	3D-BTM: Bio-fabrication of Bone, Muscle, and Pancreatic Biomimetic Tissue Models for Printable and Injectable Scaffolds	University of San Carlos - Main Campus
165	1211342	Farm to Fashion: Characterization of the Philippine Yarn Products Supply and Value Chain, Physico-chemical properties, and Sustainability Plans	University of the Philippines - Visayas
166	11636	FASTRAC: Product Refinement, Demonstration, Certification, and Business Model Validation of Locally-Produced Robust Optical Aerosol Monitor (ROAM)	University of the Philippines - Diliman
167	9081	Design, Development, Demonstration and Business Planning of a Flexible Electric Van (FLEV) for Logistics and Passenger Transport Use	De La Salle University - Manila

	PMIS ID	Project Title	Implementing Agency
168	10509	Philippine Mining at the National to Catchment Scale: from Legacy Impacts to Sustainable Futures (Project PAMANA)	University of the Philippines - Los Baños
169	5440	Project 2. Development of Protective Processing Technology for Bamboo Musical Instruments	DOST - Industrial and Technology Development Institute (DOST-ITDI)
170	9387	Technology Intervention to Provide an Alternative Market for Sampaguita (Jasminum sambac) as Raw Material for Jasmine Oil Production	Mapua University
171	10744	Assistance to the Upgrading of Technology of LunchBox Project Superfoods Community Partners in Bulacan, Philippines	Actions Hub Philippines Inc.
172	11257	Functional Philippine Camouflage Fabric for Field Service Uniform (FSU) / Battle Dress Uniform (BDU) Application	DOST - Philippine Textile Research Institute (DOST-PTRI)
173	11188	Development of Underwater Sensor Network for Tsunami Detection through Ground Station Terrestrial and Nanosatellite Communication	University of Perpetual Help System DALTA - Las Piñas
174	1211360	Synthesis and Characterization of Hydroxyapatite derived from Waste Chicken Eggshells for Cyanide Removal Application - accepted in international conference presentation and publication	University of the Philippines - Visayas
175	10950	ROS-Compatible Autonomous Indoor Navigation Robot using a 2D Lidar Sensor	University of Santo Tomas
176	3713	Development of Nanosilica-based Anti-Corrosion Coating Formulations for Carbon Steel Reinforcement Used in Farm Structures	University of the Philippines - Los Baños
177	8518	ASTI-Automated Labeling Machine (ASTI-ALaM)	University of the Philippines - Diliman
178	7657	Thermal Processing of Selected Materials Using Agitated-Type Retorts	DOST - Industrial and Technology Development Institute (DOST-ITDI)
179	1211505	Enhanced Research and Development Leadership to Foster an Inclusive Research Ecosystem	DOST - National Research Council of the Philippines (DOST-NRCP)
180	11234	Materials for Application-Specific Technologies for 3D/4D Printing R&D (MAST3R)	DOST - Industrial and Technology Development Institute (DOST-ITDI)
181	1211247	Development, Implementation, and Validation of Mobile Learning Toolkit in Baguio City - La Trinidad - Itogon - Sablan - Tuba - Tublay (BLISTT)	Heysuccess Virtual Assistance Services
182	8866	CARRAGEEN RESEARCH & DEVELOPMENT LAB: Developing Cold-Soluble Powders, Bioplastic Sheets, and Bioactive Hydrogels from Nano-Structured Carrageenans	University of San Carlos - Talamban Campus
183	10593	Social Service Analytics and Mission Planning System (SSAMPS) for Barangay Guadalupe Viejo, Makati	Adamson University
184	10882	HEIRIT ReSEED: Strategic and Collaborative Alliance for Leveraging Ecosystem of Startups in the National Capital Region (SCALE NCR)	Technological Institute of the Philippines - Quezon City
185	8794	Extension of Shelf Life of Rice Meal in Microwaveable Container	University of the Philippines - Diliman
186	10225	SUNSHARE: A Renewable Energy Blockchain Marketplace Application for a Clean Community	University of the Cordilleras


	PMIS ID	Project Title	Implementing Agency
187	10336	Assessment and Profiling of COVID-19 Pandemic-Induced Wastes in General Santos City: Basis for the Development of Appropriate Solid Waste Management Technologies for the City	Mindanao State University - General Santos
188	10190	Design and Development of MAGneticAlly-Coupled Linear Generator ON-shore (MAALON) Wave Energy (WVCIEERD Consortium - Small Grants R & D Program)	University of the Philippines - Visayas
189	9332	Project 1. Design, Development and Fabrication of the Different Parts and Assembly of e-Trike	Cagayan State University - Tuguegarao (Carig)
190	10930	Funko Bats (Fungal Quinone Batteries): A Sustainable Energy Storage from Fungal Quinone Extraction	Polytechnic University of the Philippines - Sta. Mesa
191	9859	Renewable Energy Community Desalination Systems (RE-CoDeS)	Ateneo de Davao University
192	4594	Image Mapping of Energy Conversion Efficiency and Other Parameters Across Solar Cell Active Areas using Photoexcitation and Photothermal Effects	University of the Philippines - Cebu
193	10473	Impact Assessment of the PCIEERD Infrastructure Development Program (IDP)	Visayas State University
194	8306	Implementation of the RDLead Program	DOST - National Research Council of the Philippines (DOST-NRCP)
195	10931	Catalytic Zeolite PH: Hydrothermal Transformation of Pangasinan Clinoptilolite and Kaolin to ZSM-5 and its Potential Application to the Thermocatalytic Depolymerization of Polyethylene	Polytechnic University of the Philippines - Sta. Mesa
196	10909	Impact Assessment of the Philippine Scientific Earth Observation Microsatellite Program	University of the Philippines - Los Baños
197	10871	Development of Electrodialysis with Bipolar Membrane for the Simultaneous Recovery of Cobalt and Lithium from Waste Secondary Batteries	University of Mindanao - Bolton
198	9606	Developing a Prototype Ballast Water Management System (BWMS)	University of the Philippines - Diliman
199	9009	Project 3. Refining Laterite-based Crude Pig Iron for Specific Product Applications	DOST - Metals Industry Research and Development Center (DOST-MIRDC)
200	9662	Mathematical Resources for Distance Learning Utilizing Community LTE Networks and Television Frequencies	Ateneo de Manila University
201	10091	Project 3. Source Tracking of Microbial Contamination in Selected Lakes of Laguna, Philippines (STROLL)	University of the Philippines - Diliman
202	1211338	Establishment of Sultan Kudarat State University-Technology Business Incubation (SKSU-TBI) Sustainable Technopreneurship Ecosystem for the Promotion and Advancement of Promising Products (STEP APP)	Sultan Kudarat State University
203	8851	"Waste to Wealth": Value-Adding Approaches to Transform Cacao (Theobroma cacao L.) Pod Husk Towards Economic Development	Isabela State University - Echague

	PMIS ID	Project Title	Implementing Agency
204	11310	Project 2. Active Fault Mapping Using Integrated Geophysical, Geomorphological, and Paleoseismological Methods	DOST - Philippine Institute of Volcanology and Seismology (DOST- PHIVOLCS)
205	10212	Project 1. Establishment of Regional Yarn Production and Innovation Center – Northern Luzon	DOST - Philippine Textile Research Institute (DOST- PTRI)
206	11071	Microbial Biobank for Lactic Acid Bacteria (LAB) from Traditional Fermented Shrimp (Acetes sp.) and Anchovies (Engraulis mordax) in Western Visayas	Iloilo Science and Technology University
207	11155	Innovation, Science and Technology for Accelerating Regional Technology-Based Development (ISTART)	DOST CARAGA
208	10564	Design and Development of a MSME Profiling and Network Portal with MSME Services Recommender System	West Visayas State University
209	9566	PECTIN-CARRAGEENAN MIXTURES: High Precision Characterization of Hydrogel Heterogeneity Properties with Optical Tweezers and FESEM Imaging	University of San Carlos - Main Campus
210	11002	Enhancement and Validation of Cerebro (An Integrated School Management and Content Library System for K-12 Schools)	LMS Solutions Philippines, OPC
211	10018	Impact Assessment of PHIVOLCS and PAGASA Projects and Programs Implemented from 2010-2020	University of the Philippines - Los Baños
212	9552	Project 1. Complementing Conventional Techniques with Isotope Techniques to Detect Inorganic Fertilizer Application and Haram Ingredients in Food Production	DOST - Philippine Nuclear Research Institute (DOST- PNRI)
213	9670	Low-dose Uniform Neutron Irradiation System (LUNIS)	DOST - Philippine Nuclear Research Institute (DOST- PNRI)
214	9615	Survey of Heatwaves in the Philippine Seas (SHIPS)	University of the Philippines - Cebu
215	10263	Project 1. Nickel Extraction from Philippine Nickel Laterite Deposits for Battery Grade raw Materials	DOST - Industrial and Technology Development Institute (DOST-ITDI)
216	10102	Project 1. Synergistic Air and Water Quality Sensing System with Purification Devices Using Local Materials for Micro Small Medium Scale Industries (MSMEs)	Polytechnic University of the Philippines - Sta. Mesa
217	10979	Establishment of "nanoCORE Lab: Computational Nanotechnology Laboratory"	Caraga State University
218	11592	Enhancement of the Food Innovation Capabilities of the Faculty and Researchers of the Negros Oriental State University (NORSU)	Negros Oriental State University - Main Campus
219	8838	Heterojunction of Graphene-based composites for Membrane Applications in Covid19 Pandemic Mitigation	University of the Philippines - Diliman

	PMIS ID	Project Title	Implementing Agency
220	1211387	Equipping Recreational Crafts with Tracking and Monitoring System for Sustainable Tourism Industry: A Case Study In Boracay Island	Aklan State University - Kalibo Campus
221	1211359	International Symposium on Sustainable Nanomaterials Addressing Environmental Challenges	University of San Agustin
222	1211374	Optimization of Gelatin-Based Bioplastic's Tensile Strength from Janitor Fish Skin and Bones Using Response Surface Methodology	University of Mindanao - Bolton
223	1211493	Capability-building of Women-led Enterprises in Region XI in Preparation for the 2023 WHWise National Innovation Challenge: Search for Innovative Women Entrepreneurs in the Regions	DOST Region XI

**List of Completed Projects with Published Paper and/or filed/approved Patent
(2020 - 2022)**

	Program Title	Project Title	Implementing Agency
1	TECHNICOM	Technology Innovation for Commercialization (TECHNICOM) Management Support Program - (Continuing Program)	Technology Application and Promotion Institute
2	Field-testing of the Integrated Gold-Copper Mineral Processing Pilot Plant in the Regions	Field-testing of the Integrated Gold-Copper Mineral Processing Pilot Plant in the Regions - Compostela Valley	DOST Region XI
3		Upgrading and Enhancing the Capacity of the Packaging Technology Division in Packaging Research and Innovation	Industrial Technology Development Institute
4	Enhancement of the Competence and Capability of the National Metrology Laboratory of the Philippines	Project 4. Strengthening the Physical Metrology Capabilities of the National Metrology Laboratory	Industrial Technology Development Institute
5	Enhancement of the Competence and Capability of the National Metrology Laboratory of the Philippines	Project 1. Chemical Metrology for Organic Contaminants in Foods and Water	Industrial Technology Development Institute
6	Enhancement of the Competence and Capability of the National Metrology Laboratory of the Philippines	Project 2. Chemical Metrology for Inorganic Toxic Elements in Food and Water	Industrial Technology Development Institute
7	Enhancement of the Competence and Capability of the National Metrology Laboratory of the Philippines	Project 3. Biological Metrology for Microorganisms in Food	Industrial Technology Development Institute
8		Fabrication of Highly C-axis Oriented YBCO Superconducting Thin Films by Sedimentation Deposition	UP Diliman
9	Development of Seismic Recording Instruments for Energy Exploration and for Disaster Preparedness	Project 1. Geophysical Exploration Instruments with Micro-seismic Imaging and Tomography for Energy Exploration in the Philippines	Tekton Geometrix, Inc.
10		Agricohydroxalkanoate (PHA) Production from Agricultural Wastes	UP Los Baños
11	Analyzing CORDEX - SEA Regional Climate Simulations for Improved Climate Information over the Philippines: SST Influence, Variability and Extremes, Tropical Cyclone Activity	Analysis of the influence of sea surface temperature representation in downscaled regional climate using the SEACUD/CORDEX-Southeast Asia simulation	Manila Observatory
12		Ionic Liquid-Assisted Electrospinning of Conductive Nanofibers as Solid Polymer Electrolyte/ Separator Membrane of Solid State Supercapacitor	UP Diliman
13	Analyzing CORDEX - SEA Regional Climate Simulations for Improved Climate Information over the Philippines: SST Influence, Variability and Extremes, Tropical Cyclone Activity	Multitemporal and Extremes Analysis of Modeled Climatology over the Philippines in the SEA Cordex Domain	Manila Observatory
14	Analyzing CORDEX - SEA Regional Climate Simulations for Improved Climate Information over the Philippines: SST Influence, Variability and Extremes, Tropical Cyclone Activity	Detecting Tropical Cyclones in a Downscaled Regional Climate Model for CORDEX-SEA	Manila Observatory
15	µC-IC: Design of Microcontroller Integrated with Energy Harvesting and Power Management	Project 2. Indoor Light Energy Harvesting for Wireless Sensor Network Applications	Mindanao State University - Iligan Institute of Technology
16	µC-IC: Design of Microcontroller Integrated with Energy Harvesting and Power Management	Project 3. Power Management Unit using Low Drop-out Regulator and Switched Capacitor DC-DC Converters	Mindanao State University - Iligan Institute of Technology
17	e-Asia Joint Research Program	Development of Information Gathering and Utilization Systems using small Unmanned Airborne Vehicles (UAVs) for Disaster Risk Assessment, Monitoring and Response	Philippine Institute of Volcanology and Seismology
18	Processing of Bio-based Polyols and Polyurethanes for Industrial Applications	Project 1. Production of Bio-based Polyols from Lignocellulosic Biomass	Mindanao State University - Iligan Institute of Technology
19	Processing of Bio-based Polyols and Polyurethanes for Industrial Applications	Project 2. Development of Polyurethane-based Packing Materials and Anti-corrosive Coatings from Vegetable Oil	Mindanao State University - Iligan Institute of Technology
20		INNOHUB: Modular Innovation Center for Oils, Blends and Sauces	Industrial Technology Development Institute
21		Pilot-Scale Production of Spray-Dried Powder Dextran and High Fructose Syrup using Whole Cell (<i>Leuconostoc mesenteroides</i> isolates) ITDI Fermentation Technology	Industrial Technology Development Institute

	Program Title	Project Title	Implementing Agency
22	SCALE: Synergistic Capacity Advancement in the Management of Laguna Lake	Project 3. Trace Organics and Metals in Commodity Fish: Method Optimization, Extent of Contamination and Health Risk Due to Fish Intake	UP Diliman
23		Establishment of PTRI Perfect Fit Textile Product Development Center	Philippine Textile Research Institute
		Angular Goos-Hanchen Shift: An Optical Phenomena for Ultra Thin Film Thickness Measurement	UP Diliman

	Program Title	Project Title	Implementing Agency
25		Geospatial Assessment and Modelling of Urban Heat Islands in Philippine Cities (GUHeat)	UP Diliman
26		Engineering the Public Utility Vehicles (PUVs) Using an OEM Vehicle Platform	UP Diliman
27		Establishing a 25-kW Waste-to-Energy Facility Using a Direct Combustion Process for Municipal Solid Waste	UP Los Baños
28	SCALE: Synergistic Capacity Advancement in the Management of Laguna Lake	Project 2. Microbial Source Tracking in Selected Tributaries of Laguna de Bay	UP Diliman
29		Research and Development Project to Rehabilitate and Enhance Productivity in Lahar and Ash-laden Areas in Central Luzon	Central Luzon State University
30		Investigation and numerical modelling of Philippine tsunamis based on historical, geomorphological and geological evidence of past earthquakes	UP Diliman
31		Development of a 23-seater Electric Jeepney (E-Jeepney)	Electric Vehicle Association of the Philippines Inc.
32		Pilot Scale Production of Nickel Pig Iron	Mines and Geosciences Bureau
33	Development of a fixed wing short take-off and landing (STOL) unmanned aerial vehicle (UAV) for disaster risk reduction and management	Project 1. Design and fabrication of an airframe for a medium-range, short take-off and landing UAV	FEATI University
34		Prototype Development and Field Testing of Mosquito-Repellent Textile Products	Philippine Textile Research Institute
35		Mapping of active offshore faults for resilient coasts	UP Diliman
36		Production Process Optimization and Market Validation of Oyster Powder from Philippine Oyster (<i>Crassostrea irredalei</i>)	UP Visayas - Miag-ao
37	Smart Plant Production in Controlled Environments (SPICE)	Project 1: Standalone Urban Farm	UP Diliman
38	Smart Plant Production in Controlled Environments (SPICE)	Project 2: Sensor-based Monitoring and Analytics for Smart Hydroponics (SMASH)	UP Diliman
39	Smart Plant Production in Controlled Environments (SPICE)	Project 3: Establishment of Soilless Culture Technology for Urban Food Production	UP Diliman
40	Smart Plant Production in Controlled Environments (SPICE)	Project 4: Ex-Situ Conservation through Micropropagation and Cryopreservation of Native Plant Species	UP Diliman
41		Detection of Adulteration in Philippine Honey using Carbon-13 Isotope Analysis	Philippine Nuclear Research Institute
42		Strengthening of DOST Regional Metrology Laboratory Services-Phase II	DOST Regional Offices
43		Development of a Passive Neutron Spectrometry System (PNSS)	Philippine Nuclear Research Institute
44	Institution Development Program	Establishment of a Wind Turbine Development and Testing Laboratory	Central Philippine University
45		Development of a Local Automatic Identification System (AIS) for Ship Tracking and Monitoring	De La Salle University - Manila
46		The Use of Radon Technique in Mapping Geological Faults in the Philippines	Philippine Nuclear Research Institute
47		Enhancing OneLab for Global Competitiveness	DOST Region IX
48	Hard Coating Thin Film Synthesis Using DC and RF Magnetron Sputtering via Gaseous Discharges	Project 1. Development of Direct Current (DC) Magnetron Plasma System for Ti-Al-C Thin Film Synthesis	UP Diliman
49		Fabrication of Metal Oxide Thin films for Optical Coatings with Plasma Assisted Deposition Using a Plasma Enhanced Chemical Vapor Deposition (PECVD) System	Ateneo de Manila University
50		Sustainable Wastewater Treatment Systems with Nutrient (SWAN) Recovery	De La Salle University - Manila
51		Technology Marketing Package for Juan and Juana	Food and Nutrition Research Institute
52		Electrochemical and Quantum Mechanical Investigation of Various Small Molecule Organic Compounds as Corrosion Inhibitors in Mild Steel	De La Salle University - Manila
53		Extraction of Radionuclides, Rare Earths, and Other Valuable Industrial Elements from Phosphogypsum Tailings: Phase I	Philippine Nuclear Research Institute

	Program Title	Project Title	Implementing Agency
54	3R Approach to Sustainable Management of Nickel Laterite Ore Tailings: Reuse, Recycling and Reprocessing for Environmental Remediation and Material Valorization	Project 1. Utilization of Nickel Laterite Ore rock (low grade) for various applications: Acid Mine Drainage treatment and Carbon Sequestration	De La Salle University - Manila
55		Rubbers and Waste Plastics as Reinforcement Additives for Asphalt Binder-based Pavement Infrastructures	UP Los Baños

	Program Title	Project Title	Implementing Agency
56		Development of a hybrid trimaran fast craft passenger cargo vessel using multi engine and alternative energy source from ocean waves	Aklan State University - Banga Campus
57		Fire Check: Urban Fire Hazard Mapping and Fire Spread Modeling	UP Cebu
58		CATfish: A Modular Mini-Autonomous Underwater Vehicle System	UP Diliman
59		Generalized Automated Microfluidics and Micro-actuator Assembly (GAMMA)	UP Diliman
60		Prototype Development of Severe Weather Amphibious Navigator Using Local Abaca Composites	Wesleyan University of the Philippines
61		Improvement of Tunnel-type Poultry Farm Yield and Efficiency with an Expert System Aided Interventions	Farmwatch Solutions, Inc.
62		WATSUP_Enhancing the applicability of Vertical Helophyte Filter Systems (VHFS) for Small Communities, Local MSMEs and Public Entity	DOST Region XI
63		Remote Sensing and Data Science (DATOS) Help Desk	Advanced Science and Technology Institute
64	e-Asia	Fundamental study of the physical properties of metal-oxide single nanowires and nanoparticles for bio-nano-sensing	De La Salle University - Manila
65		Micro-grid Solar PV System	Ateneo de Davao University
66		Establishing an Environment-Friendly Chromium Plating Process using New Generation Ionic Liquids	UP Diliman
67		Enhancement, Field Validation and Market ReadinessDetection of DNA-based Nanobiosensor for the E. coli, E. coli 0157:H7 and Salmonella enterica In Water, Food, Feed and Farm Produce	UP Los Baños
68		Flood Risk Assessment for Mitigation and Effective Response (FRAMER) of Riverine Towns in Selected River Basins in Cavite, Batangas, and Quezon Provinces using Most Recent LIDAR DEM	Mapua University
69		Utilization of Spent Tea Leaves and Tobacco Dust as Additives for Plywood Adhesive	Forest Products Research and Development Institute
70		Electromagnetic Radar Technique For Water Detection	Mindanao State University - Iligan Institute of Technology
71	MECO-TECO	Development of Titanium Dioxide Films and its Derivatives for Semiconductor Mediated Photocatalytic Treatment of Water	UP Diliman
72	MECO-TECO	MCWQM: Multi-platform and Cross-sensor Water Quality Monitoring	UP Diliman
73		Enhancing Operational Capability of Palawan International Technology Business Incubator (PITBI)	Palawan State University
74		Development of Chitosan Film from Sardine Fish Scales	Western Mindanao State University
75	Collaborative Research and Development to Leverage Philippine Economy (CRADLE)	PISOLAR: Payment Innovation for SHS Ownership by Lay Away Routine	University of Southeastern Philippines
76		Providing High Resolution (5km) Climate Change Projections in the Philippines using Weather Research and Forecasting (WRF)	Philippine Atmospheric, Geophysical and Astronomical Services Administration
77	Severe Wind Hazard and Risk Assessment for Cebu City	Project 1. Severe Wind Hazard Mapping for the Philippines and Cebu City	Philippine Atmospheric, Geophysical and Astronomical Services Administration
78	Niche Centers in the Regions for R&D (NICER)	Establishment of a niche center on environmental Informatics in Central Visayas	UP Cebu
79	Integrated Food Safety R&D Program	Prevalence of Mycotoxin in Rice and Corn in the Philippines	Food Development Center - National Food Authority
80	Integrated Food Safety R&D Program	Prevalence of Heavy Metals and Pesticide Residues in Milled White Rice and White Corn Grits in the Philippines	Food Development Center - National Food Authority
81	Integrated Food Safety R&D Program	Development of Grading System for Adoption of Food Establishments in the Philippines	Industrial Technology Development Institute
82	Integrated Food Safety R&D Program	Development of Food Safety Guidelines for the Food Service Sectors	Food and Nutrition Research Institute

	Program Title	Project Title	Implementing Agency
83	IP Management Program for Academic Institutions Commercializing Technologies (IMPACT)	Enhancement of Mapua's Technology Transfer Process and Structure	Mapua University
84	DOST High Impact Technology Solutions Program: (Solution to FIC Spray Dryer Roll-out Issue)	Establishment of Spray Drying Technology and Equipment for the Regional FICs (Batch 2)	Industrial Technology Development Institute
85	DOST Integrated Halal S&T Program	Establishment of Halal Assurance System for Muslim Delicacies and Processing Techniques	Sultan Kudarat State University
86	DOST Integrated Halal S&T Program	Development of Regional Halal Native Delicacies	Mindanao Autonomous College Foundation, Inc.

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✓	DOST Integrated Halal S&T Program	Establishment of Halal Assurance System for Production, Method Development and Standardization of Cosmetics and Toiletries	Industrial Technology Development Institute
88	DOST Integrated Halal S&T Program	Project 9. Operationalization of Halal Verification Laboratories (HVLs) of DOST Regions CALABARZON, 11, 12, and ARMM in Support to Halal Assurance Systems	DOST Region IV-A
89	Master of Research and Development Management	Master of Research and Development Management (MR&DM)	UP Open University
✓		Integration of Data Science and Scaling Up of Payruler, a comprehensive Human Resource Management System (HRMS)	Genil Hut Technologies
91		ADMATEL Expansion Towards Long Term Competitiveness and Sustainability (ADEX)	Industrial Technology Development Institute
92		Micab Cab Hailing Big Data Analytics Engine	Micabsystems Corp.
✓		Optimization of Virtual Reality Kit (VR Kit) for New Media Technology and Commercial Competitiveness	Mataverse Incorporated
94	Integrated Food Safety R&D Program	Risk Profiling of Hazards in Philippine Food to Support National Risk Management	UP Diliman
95		Industry Defined 2D Basic Animation Course	ToonCity Academy
✓		Assessing the Contribution of Food Banking Systems in Addressing Food Security	Rise Against Hunger, Philippines Inc. (RAHPI)
97		Development of a Philippine Indigenous Instrument Sounds Database	UP Diliman
98		Environmental, Health and Safety Research in the Risk Assessment of Nanomaterials (Phase 1)	Industrial Technology Development Institute
✓	Bamboo Muscal Instruments Innovation Research and Development Program	Project 4. Development of Prototype Design and Standardization of Instrument Making Process for Nontraditional Bamboo Instruments using Select Philippine Bamboo Species	UP Diliman
100		Original Content Development Project	ToonCity Academy
101		Development of Philippine Structural Integrity Monitoring System for Critical Infrastructures in Metro Manila (PhilSIMS Phase 1)	Mapua University
✓	Intelligent Data Analysis System (IDAS) for Drug Trafficking Investigation in the Philippines	Application of Predictive Data Analytics on Multivariate Analysis Of Methamphetamine-HCl Chemical Fingerprint and Stability Assessment	Industrial Technology Development Institute
103		Development of an Alternative Credit Scoring Model applying Machine Learning in Financing Farmers	Cropital Enterprises Corporation
104		BRAVE: Bomb Removal Automated Vehicle	De La Salle University - Manila
✓	DOST-JSPS	Development of Novel Materials as Emitters and Detectors for (Sub)-Terahertz Time-Domain Spectroscopy Carrier Dynamic Studies	UP Diliman
106		Project Marayum - A Community-built, Mobile Phone Based, Online Web Dictionary for Philippine Languages	UP Diliman
107	Regional S&T Consortia	Value-Added Product from Fruit Processing Wastes: Acetic Acid for Potential Industrial Application	UP Mindanao
✓	Institution Development Program	Acquisition of Laboratory Equipment in Support of the Facility for Nanotechnology R and D in Central Luzon State University	Central Luzon State University
109	Fishery By-Products Processing for Application In Food Formulation: Towards Commercialization and Zero-Waste Fisheries Industry	Project 1. Collagen and Gelatin from By-products of Fish Processing Industry	Central Luzon State University
110	Fishery By-Products Processing for Application in Food Formulation: Towards Commercialization and Zero-Waste Fisheries Industry	Project 2. Fish Oil, Proteases and Protein Hydrolysate from By-products of Fish Processing	Central Luzon State University
✓	Electronics Products Development (EPDC) as Platform for Innovation and Collaboration (EPIC) Program	Project 1. Electronics Product Development Center Upgrade and Operation	Electronics Industries Association of the Philippines, Inc.
112	Electronics Products Development (EPDC) as Platform for Innovation and Collaboration (EPIC) Program	Project 2. Electronics Product Inclusive Innovation Center (EPIC)	Advanced Science and Technology Institute

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113		Liquefaction Potential for Resilient Schools in GMMA: A Liquefaction Probabilistic Model Using Non-Invasive Geophysical Techniques and Limited Probe Hole	Philippine Institute of Volcanology and Seismology
114		Production of Ready-to-Buy (RTB) Natural Textiles and Dyes in Support of Increasing Utilization of Local and Indigenous Philippine Textile	Philippine Textile Research Institute

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115	Space Technology & Applications Mastery, Innovation and Advancement (STAMINA4Space)	Project 1. Optical Payload Technology In-depth Knowledge Acquisition and Localization (OPTIKAL)	UP Diliman
116	Space Technology & Applications Mastery, Innovation and Advancement (STAMINA4Space)	Project 2. Building PHL-50: Localizing the Diwata-1 and Diwata-2 Bus System as the Country's Space Heritage 50kg Microsatellite Bus (PHL-50)	UP Diliman
117	Space Technology & Applications Mastery, Innovation and Advancement (STAMINA4Space)	Project 4. Ground Receiving, Archiving Science Product Development and Distribution (GRASPED)	UP Diliman
118	IntElect: Intelligent Electric Transportation Network	Project 3. E-trike Deployment and Utilization Study	Cagayan State University - Tuguegarao (Carig)
119		Development of Error Resilient Joint Source-Channel Video Transmission System for High Efficiency Video Coding (HEVC) Standards over Wireless Channel	University of Santo Tomas
120	Severe Wind Hazard and Risk Assessment for Cebu City	Project 2. Enhanced Severe Wind Vulnerability Curves of Key Building Types in the Philippines	UP Diliman
121		Weather and Climate Science for Service Partnership for South East Asia: Building Safer Community to Weather and Climate Variability through Science and Innovation (WCSSP)	Philippine Atmospheric, Geophysical and Astronomical Services Administration
122		A Dispersive Long-Wave Model for Predicting Coastal Flooding due to Storm Surges and Surface Waves in Manila Bay	Philippine Atmospheric, Geophysical and Astronomical Services Administration
123		Design review, design finalization and production assessment of a locally fabricated optical aerosol monitor (ROAM)	UP Diliman
124		From Pest to a Valued Commodity: Black-Chin Tilapia (<i>Sarotherodon melanotheron</i>) for the Development of Sunmi-Based Products Processing	Bataan Peninsula State University
125		Geospatial Information Management & Analysis Project for Hazards & Risk Assessment in the Philippines (GeoriskPH)	Philippine Institute of Volcanology and Seismology
126	Development of Food Reference Materials for Nutrition Labelling for use of Local Testing Laboratories Phase 2	Development of Food Reference Materials for Nutrition Labelling for Use of Local Testing Laboratories Phase 2: Establishment of ISO 17034:2016 QMS and Development of Fish Reference Materials for Proximate, Minerals and Cholesterol Analyses	Food and Nutrition Research Institute
127	3R Approach to Sustainable Management of Nickel Laterite Ore Tailings: Reuse, Recycling and Reprocessing for Environmental Remediation and Material Valorization	Project 2. Recycling and reprocessing of siltation sediments from selected nickel laterite mining areas in the Philippines as raw materials for the synthesis of Iron-based novel adsorbents	Central Mindanao University
128	3R Approach to Sustainable Management of Nickel Laterite Ore Tailings: Reuse, Recycling and Reprocessing for Environmental Remediation and Material Valorization	Project 3. Recovery of nanominerals from silt for various ceramic applications	Mindanao State University - Iligan Institute of Technology
129	3R Approach to Sustainable Management of Nickel Laterite Ore Tailings: Reuse, Recycling and Reprocessing for Environmental Remediation and Material Valorization	Project 4. Recycling of silt and spent residue from reprocessing as raw materials for geopolymer composite	De La Salle University - Manila
130	Understanding the Impact of Hydrometeorological Hazards in the Philippines	Philippine Groundwater Outlook (PhIGO)	Ateneo De Manila University
131	Understanding the Impact of Hydrometeorological Hazards in the Philippines	[Philippines] Catchment susceptibility to hydrometeorological events: sediment flux and geomorphic change as drivers of flood risk in the Philippines	UP Diliman
132	PH UK Newton Agham Joint Cooperation Program on Understanding the Impacts of Hydrometeorological Hazards in South East Asia	SCARP: Simulating Cascading Rainfall-triggered Landslides Hazards in the Philippines	Mapua University
133	Institution Development Program	Establishment of an Additive Manufacturing Research Laboratory	Bataan Peninsula State University
134		Field and Market Testing of ILAWA: Renewable Power Generation Using Recycled Anodic Material for Small Fishing/Touring Vessels	Technological Institute of the Philippines - Arlegui Campus
135	Natural Fibers as Nanostructured Scaffolds for Biomedical Applications	Project 1. Nanofibrous Scaffolds from Natural Biomaterials for Tissue Engineering	Industrial Technology Development Institute

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136	Collaborative Research and Development to Leverage Philippine Economy (CRADLE) Program	Development of Chicken Egg White Powder and Granules from Low Value Edible Shell Eggs	UP Diliman
137	Collaborative Research and Development to Leverage Philippine Economy (CRADLE)	Development of a Design Guideline Using Finite Element Analysis (FEA) for Semiconductor Packages	De La Salle University - Manila
✂	Collaborative Research and Development to Leverage Philippine Economy (CRADLE)	Development of a System that can Determine and Classify the Layout Correctness of Integrated Circuit Layout Blocks using Machine Learning	University of Perpetual Help System DALTA - Las Piñas

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139		Fabrication of a Novel Material as Anode Electrode for High Power Generation Al-Air Battery	Polytechnic University of the Philippines - Sta. Mesa
140	Upgrading the PNS for Virgin Coconut Oil (VCO) and the Philippine VCO Industry	Project 1. Physico-chemical Factors which Affect the Quality of VCO	Ateneo de Manila University
✕	Upgrading the PNS for Virgin Coconut Oil (VCO) and the Philippine VCO Industry	Project 3. Investigation of Factors Affecting the Sensory Properties and Acceptability of VCO	UP Diliman
142	Niche Centers in the Regions for R&D (NICER) Program: Accelerated R&D Program for Capacity Building of Research and Development Institutions and Industrial Competitiveness	Center for Astronomy Research and Development: Astronomical Near-Earth Observation Light Pollution (ANEOL-UPo) Program	Rizal Technological University
143		Self-Healing Materials Based on Cyclodextrin and Ferrocene Self-Assembly towards the Formulation of Coatings	Ateneo de Manila University
✕		A Mobile-Web Bidirectional Neural Machine Translation System for Filipino and Cebuano	University of the Immaculate Conception
145		Optimization of an Industry Grade Prototype of Po-lite Products	Po-lite Technology, Inc.
146	Regional S&T Consortia	BCIEERD:MPCF - Development of a Wastewater Filtration System Using Indigenous Materials	Mariners Polytechnic Colleges
✕		IMBUE: Training and Internship Program for Increased Local Bioinformatics Utility and Expertise	UP Diliman
148		Project BUHAWI (Automated Gun Mount for Browning 0.50 Caliber Machine Gun, M2, Heavy Barrel)	Metals Industry Research and Development Center
149	TBI 4.0	Mindanao Scale Up Program for DOST-IDEYA TBI	Mindanao State University - Iligan Institute of Technology
✕		Product Design, Technological Validation, and Field Scale Testing of StillFresh: Spoilage-Monitoring Strip	Chromewell Innovative Solutions, Inc.
151		Technology Innovations for Mathematical Reasoning, Statistical Thinking and Assessment	Ateneo de Manila University
152	TBI 4.0	Elevating the Capacity & Services of TBIs Towards 4th Generation Incubator's Facilities	IdeaSpace Foundation, Inc.
✕		TITAN: Vision-based Traffic Information & Analysis	De La Salle University - Manila
154		Development of Emulsified Meat Products (Sausage, Nuggets, and Burgers)	Industrial Technology Development Institute
155		Maritime Transport Information System (MARIS)	UP Diliman
✕	Funding Assistance for Spin-off and Translation of Research in Advancing Commercialization (FASTRAC) Program	Technology and market Validation of Universal Structural Health Evaluation and Recording (USHER) System	Mapua University
157		Characterization and Resource Estimation of Valuable Rare Earth Elements (REEs) and Natural Radionuclides in the Philippine Coal and Feldspar Deposits	Philippine Nuclear Research Institute
158	TBI 4.0	DOST-S.I.B.O.I. Labs: Startup Innovation and Business Opportunity Linkage Labs (A collaboration between UC Berkeley Sutardja Center for Entrepreneurship and Technology and UP Los Banos Technology Transfer and Business Development Office)	UP Los Baños
✕	TBI 4.0	Technology Business Incubator 4.0 for Region 4	Batangas State University
160	Funding Assistance for Spin-off and Translation of Research in Advancing Commercialization (FASTRAC) Program	CharM Charging in Minutes Spinoff Project Technology Development for Manufacturability and Open-water Market Validation	UP Diliman
161	Funding Assistance for Spin-off and Translation of Research in Advancing Commercialization (FASTRAC) Program	Product and Market Validation for a Semi-Automated Reef Fish Census System	UP Diliman
✕	Funding Assistance for Spin-off and Translation of Research in Advancing Commercialization (FASTRAC) Program	Establishment of a Spin-off Facility and Pilot Plant for HormoGroe Nanoformulated Plant Growth Regulator for the Production of High Value Crops	UP Los Baños
163	IP Management Program for Academic Institutions Commercializing Technologies (IMPACT)	Assistance in the Commercialization of DOST Funded Technologies in De La Salle University	De La Salle University - Manila

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164		Specific Earthquake Ground-Motion Levels to Help Increase the Seismic Resiliency of Government Infrastructures, Residential and Medium-to-High Rise Buildings in Pangasinan, Tarlac, Metro Iloilo-Gulmaras, Cauayan City, Butuan City and Mati City	Philippine Institute of Volcanology and Seismology
165		DOST-ITDI Strategic Communication Portfolio for Enhanced Technology Promotion and Transfer	Industrial Technology Development Institute
166	IP Management Program for Academic Institutions Commercializing Technologies (IMPACT)	Assistance in the Commercialization of DOST Funded Technologies in Caraga State University	Caraga State University

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167	Higher Education Institution Readiness for Innovation and Technopreneurship (HEIRIT) Program	DOST-Business Incubation zone for Novel and Sustainable Enterprises (BizNEST) in Cagayan State University	Cagayan State University - Andrews Campus
✖	Higher Education Institution Readiness for Innovation and Technopreneurship (HEIRIT) Program	Establishment of TBI Center for the University of the Cordilleras	University of the Cordilleras
169	Funding Assistance for Spin-off and Translation of Research in Advancing Commercialization (FASTRAC) Program	Product Testing and Market Validation of Marine Nanocoat for Anticorrosion, Antibarnacle, AntiUV coating for ship applications	De La Salle University - Manila
170	Funding Assistance for Spin-off and Translation of Research in Advancing Commercialization (FASTRAC) Program	Establishment of a Spin-off Facility and Pilot Plant for Fruitect Coatings for Shelf-Life Extension of Fresh Fruit Produce	UP Los Baños
✖	Funding Assistance for Spin-off and Translation of Research in Advancing Commercialization (FASTRAC) Program	Alama Project: Technology Development, Commercialization and Promotion of Gitara ni Juan	UP Diliman
172	Advanced Additive Manufacturing R&D Program (AMCen)	Project 1. Development of Multiple Materials Platform for Additive Manufacturing (MATDEV)	Industrial Technology Development Institute
173	Funding Assistance for Spin-off and Translation of Research in Advancing Commercialization (FASTRAC) Program	Open Water Validation and Product Enhancement of Smart Surface	UP Diliman
✖	Funding Assistance for Spin-off and Translation of Research in Advancing Commercialization (FASTRAC) Program	Commercial Development of Production, Application and Full Market Study of Monascus Red Colorant	UP Los Baños
175	Higher Education Institution Readiness for Innovation and Technopreneurship (HEIRIT) Program	Establishment of the DOST-Bicol University Technology Business Incubation (BU-TBI) Center for Bicol Region	Bicol University
176		Design of Highly Active Kapok Fiber Electrodes for Energy Applications	UP Diliman
✖	DOST-JSPS	Radiation damage investigations on functional materials: Material development, analysis, and Informatics	UP Diliman
178		Support for Philippine Startup Challenge (PSC) Winner	Department of Information and Communications Technology
179	Collaborative Research and Development to Leverage Philippine Economy (CRADLE)	Fermentation and Purification Research to Produce Food Grade, Pharmaceutical-Grade, and Polymer-Grade Lactic Acid	UP Mindanao
✖	Advanced Additive Manufacturing R&D Program (AMCen)	Project 2. Research on Advanced Prototyping for Product Innovation and Development using Additive Manufacturing Technologies (RAPPID-ADMATEC)	Metals Industry Research and Development Center
181		Assessment of the Market Potential of Mussel in Marinduque	Philippine Council for Agriculture, Aquatic and Natural Resources Research and Development
182		Rapid Market Appraisal for Underutilized Fruits (Guava, Sourop, Sugar Apple, and Tamarind) in the Philippines	Philippine Council for Agriculture, Aquatic and Natural Resources Research and Development
✖		Strengthening of Industry Strategic Science and Technology Plan (ISP) Information System for Improved R&D Management	Philippine Council for Agriculture, Aquatic and Natural Resources Research and Development
184	Comprehensive Evaluation of Critical Infrastructures and Construction Raw Materials in the Philippines Using Concrete Petrography	Project 2. Geological, Chemical and Physical Evaluation of Concrete Raw Materials Used in Critical Philippine Infrastructures	UP Diliman
185		Development of Low Heat and Low Humidity (LH)2 Drying System for DOST Malnutrition Reduction Program (DOST-MRP) Facilities	Food and Nutrition Research Institute
✖	Collaborative Research and Development to Leverage Philippine Economy (CRADLE)	Design and Development of a Mechanical Garlic and Cashew Chipper	Holy Angel University
187		Plant Protein Products from Local Sources	Industrial Technology Development Institute
188	Strengthening the Competitiveness of Priority Philippine Industries Through the Small Enterprise Technology Upgrading Program 2.0 (SETUP 2.0)	Project 2. Strengthening of Technology Needs Assessment (TNA) for MSMEs	DOST Region VI
✖	DOST Integrated Halal S&T Program	Curriculum Development and Offering on Halal Science and Scholarship for SUC Faculty on Halal Science	University of Southern Mindanao - Kabacan Campus
190	DOST Integrated Halal S&T Program	Training Needs Assessment and Development and Deployment of Training Modules on Halal	DOST Region XI
191		Sustainable Technology - Assisted Route Planning for Region VI (STARPLAN VI)	De La Salle University - Manila

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18	Collaborative Research and Development to Leverage Philippine Economy (CRADLE)	Development of De-Oiler Equipment for Deep Fried Peanuts and Garlic Chips	Bataan Peninsula State University
193		Determination of the Mineral Processing Operating Parameters for Ores in Cabadbaran City and Business Model Development for the Sustainable Operation of Gold-Copper Pilot Plant in Caraga	DOST Region XIII
194	TBI 4.0	Upgrading and Capability-Enhancement Anlmo Labs TBI	De La Salle University - Manila