

**QUARTERLY PHYSICAL REPORT OF OPERATION**  
As of December 31, 2022

Agency : Department of Science and Technology - Philippine Council for Industry, Energy and Emerging Technology Research and Development (DOST - PCIEERD)  
 Organization Code (UACS) : < not applicable >

Particulars	UACS CODE	Physical Target (Budget Year)					Physical Accomplishment (Budget Year)					Variance	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	310100000 000000												
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		90%	90%	90%	90%	90% (6)	100% (7/6)	100% (7/6)	100% (7/6)	100% (7/6)	100%	(10%)	Out of the six (6) targeted main priorities in the HNRDA, the Council was able to achieve seven (7) main priorities which are: food and nutrition security, countryside development, competitive industry, delivery of social services, intelligent transport solutions, renewable energy and energy storage solutions and human security.
2. Number of partnerships with local (public and private) and international organizations		15	20	10	10	55	100	19	25	9	153	(98)	Partners included in the report are the Implementing Agencies of the PCIEERD-supported projects under the research and development program and for other science and technology activities. All partners with ongoing projects are included in this report, thus, the high variance. Please take note that DOST attached agencies with projects either monitored or assisted by PCIEERD are excluded based on the definition set by the Department.

Output Indicators													
1. Number of projects funded		30	20	10	39	99	38	25	80	50	193	(94)	The Council disbursed funds to all approved and ongoing projects with signed MOA or Conforme letter from both Implementing Agencies and the Council. Moreover, two (2) of the projects covered in this report are previously funded under DOST - GIA and were approved for additional funding
2. Number of projects monitored		35	50	60	55	200	175	100	71	38	384	(184)	Since submission of project accomplishments and monitoring is being conducted mostly in semi-annual basis, it is notable that the number of monitored projects for this quarter is high. The Council admits that quarterly targeting of accomplishments will be improved to avoid overaccomplishments
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					55%	55%	50% (214/429)			61% (260/429)	61%	(6%)	From 2019 - 2021, 260 out of the 429 (corrected value) completed projects were able to accomplish the publication and/or patent targets. 23 of which were still able to be published in peer-reviewed journals, presented in national and/or international conferences, or with IP filed or approved, even without the initially set publication and/or patent targets. Accomplishments of the other completed projects with publication and/or patent targets will be reported in the succeeding quarter based on the submitted terminal reports.

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

1	Actions Hub Philippines Inc.
2	Adamson University
3	Advanced Infnit Technology Solutions Inc.
4	Agrabah Ventures Inc.
5	Aklan State University - Kalibo Campus
6	Aklan State University - New Washington
7	Angeles University Foundation Integrated School
8	Asian Institute of Management
9	Ateneo de Davao University
10	Ateneo de Manila University
11	Ateneo de Naga University
12	Ateneo de Zamboanga University
13	AtoANI
14	Bataan Peninsula State University - Main Campus
15	Batangas State University
16	Bicol State College of Applied Sciences and Technology
17	Bicol University - Main
18	BizKit Technologies Inc.
19	Bizooku Philippines Inc.
20	Bohol Island State University
21	Bulacan State University
22	Burket.Ph, Inc.
23	Cagayan State University - Andrews
24	Cagayan State University - Aparri
25	Cagayan State University - Carig
26	Camarines Norte State College
27	Capiz State University - Burias Campus
28	Caraga State University
29	Cawil Data Analysis Services (CAWIL. AI)
30	Cebu Institute of Technology University
31	Central Luzon State University
32	Central Mindanao University
33	Chimera Technologies Corporation
34	Colegio de la Ciudad de Tayabas
35	Creatorbox Products and Solution
36	De La Salle-College of Saint Benilde
37	De La Salle University - Laguna
38	De La Salle University - Manila
39	Department of Agriculture - Philippine Rice Research Institute
40	Department of Environment and Natural Resources - Mines and Geosciences Bureau
41	Development Academy of the Philippines
42	Don Mariano Marcos Memorial State University - Mid La Union Campus
43	Don Mariano Marcos Memorial State University - North La Union Campus
44	DST INDIA

45	e-Asia
46	Eastern Visayas State University
47	eCFulfill Inc.
48	Electronics and Telecommunications Research Institute
49	Empath Corporation
50	Far Eastern University - East Asia College
51	Father Saturnino Urios University
52	FEATI University
53	FLQ Foods and Panciteria
54	Food Development Center
55	Global One Shuttle Service, Inc.
56	Guimaras State College - Main
57	Holy Angel University
58	Hubware Corporation
59	Ideaspace Foundation, Inc.
60	Iloilo Science and Technology University
61	InsightSCS Corp.
62	IOL Inc.
63	Isabela State University
64	Japan Science and Technology
65	John B. Lacson Foundation Maritime University
66	Jose Rizal Memorial State College - Main
67	Kalinga-Apayao State College-Main
68	Kingstate Ventures Corp.
69	Laguna State Polytechnic University - Los Baños
70	Lesstics Inc.
71	Liceo de Cagayan University
72	LGU Region X
73	LMS Solutions Philippines OPC
74	Lyon Software Technologies, Inc.
75	Magwayen Organics, Inc
76	Malayan Colleges, Inc.
77	Mapua University
78	Maranga Software Solutions
79	Mariano Marcos State University
80	Marikina Polytechnic College
81	MECO-TECO
82	Mindanao State University - General Santos City
83	Mindanao State University - Iligan Institute of Technology
84	Mindanao State University - Naawan
85	Misamis University
86	MOST - China
87	MOTMOTLALA CO. (Husay.Co)
88	Muramart Holdings Incorporated
89	Nanotronics, Inc
90	Northwestern Mindanao State College of Science and Technology
91	Nueva Ecija University of Science and Technology

92	Nueva Vizcaya State University
93	NutriCoach, Inc.
94	OBXs IT Solutions
95	Ofamen Cacao Farm
96	Ohelio, Inc.
97	Olivia Technology Group Inc.
98	Our Lady of Fatima University
99	Palawan State University
100	Pamantasan ng Cabuyao
101	Pangasinan State University
102	Partido State University
103	Philippine Rice Research Institute
104	Philippine Technological Council
105	Philippine Women's College of Davao
106	PIRFS Multimedia Distribution Services
107	Plantsville Health Products
108	Platform Technologies, Inc.
109	Polytechnic University of the Philippines - Sta. Mesa
110	Robin Machine Manufacturing
111	Rocket Labs Consulting, Inc.
112	Saint Louis University
113	Samar State University
114	SEA-EU
115	Seckka Empire Builders, Inc.
116	Silliman University
117	Sultan Kudarat State University-Tacurong Campus
118	Surigao State College of Technology
119	Tarlac State University
120	Technological Institute of the Philippines - Quezon City
121	Technological Institute of the Philippines Manila - Arlegui Campus
122	The Green Table
123	Tinkerhouse, Inc.
124	UK Research Institute
125	University of Antique
126	University of Asia and the Pacific
127	University of Mindanao - Bolton
128	University of Perpetual Help System DALTA - Las Piñas
129	University of Perpetual Help System DALTA - Molino
130	University of Saint Louis - Tuguegarao
131	Unikversity of San Agustin
132	University of San Carlos - Talamban Campus
133	University of Santo Tomas
134	University of Science and Technology of Southern Philippines
135	University of Southeastern Philippines
136	University of Southern Mindanao
137	University of the Cordilleras
138	University of the Immaculate Conception

139	UP Baguio
140	UP Cebu
141	UP Diliman
142	UP Los Baños
143	UP Manila
144	UP Mindanao
145	UP Visayas
146	Verdant Seasons Farm Management Technologies Corporation
147	Villgro Philippines
148	Virtualahan Inc.
149	Visayas State University
150	Wayvent Innovations, Inc. (XPERTO)
151	West Visayas State University
152	Western Institute of Technology
153	WVJA Food Products Manufacturing

**List of PCIEERD - Funded Projects**  
(January - December 2022)

	<b>Project Title</b>	<b>Implementing Agency</b>
1	Design and Development of Intelligent Traffic Control and Management System	Caraga State University
2	Development of a CNN and RNN topology for Impedance Spectroscopy Analysis	University of the Philippines Los Baños
3	A Link-Up of Geomatics and Social Science Research for the Development of Smart Cities (LUNGSOD) Project	University of the Philippines Diliman
4	Imahe Labs: An Educational Game for Chemistry in the Senior High School and Junior High School sectors of Baguio City	University of the Cordilleras
5	Integrated Flood and Water Resources Management in ASEAN Basins for Sustainable Development	Isabela State University
6	Progressive Advancement of Transportation networks through the Integration of vehicular Onboard Technologies with online platforms (ArangKaDATA)	University of the Philippines Diliman
7	Safe, Efficient, and Sustainable Solar-Assisted Plug-In Electric Boat (Sessy E-Boat)	Mapua University
<b><i>Philippine Road Safety Initiatives (PRoSafetI) Program</i></b>		
8	VIROS: V2X Initiatives for Road Safety (VIROS)	University of the Philippines Diliman
9	Activity-Based Modelling for Transport Last Mile Mobility and Decision Support System for Covid-19 Pandemic (ACTS)	University of the Philippines Los Baños
<b><i>Institution Development Program</i></b>		
10	Establishment of PnC DANGAL for Smart Warehouse Inventory Management System	Pamantasan ng Cabuyao
11	Establishment of Sultan Kudarat State University – Forensic Molecular Biology Center (SKSU-FMBC)	Sultan Kudarat State University - Tacurong Campus
12	Establishment of “nanoCORE Lab Computational Nanotechnology Laboratory”	Caraga State University
13	Establishment of Electronics Projects Laboratory for Process Automation of the Cagayan Lodging Industry	University of St. Louis - Tuguegarao
14	Establishment of Footwear Innovation and Technology (FIT) Research Laboratory at Marikina Polytechnic College	Marikina Polytechnic College
<b><i>Good Governance through Data Science and Decision Support System</i></b>		
15	Development of Data Analytics and Information System: Support on Social Welfare Services for Senior Citizens of Butuan City	Father Saturnino Urios University
16	PhilRice Data Analytics Initiative - RiceLytics	Philippine Rice Research Institute
17	Social Service Analytics and Mission Planning System (SSAMPS) for Barangay Guadalupe Viejo, Makati	Adamson University
18	Predictive Modeling on Student Metrics for School Effectiveness	Liceo de Cagayan University

	<b>Project Title</b>	<b>Implementing Agency</b>
19	Development of a Data-Driven Student Support System using Admission to Graduation Data	Mariano Marcos State University
20	QP Data Analytics and Recommender System for Effective Monitoring and Management (QP - DAREM)	Camarines Norte State College
21	Regional S&T Consortia	Multiagency
<b><i>Regional Research Institutions</i></b>		
22	Utilization of Watermelon (Citrullus Sp.) Peels, Seeds, and Rinds Extracts as Value-Additive and Food Preservative for High-Fat Foods	University of Antique
23	Development of Vegan Leather from Banana (Musa acuminata × balbisiana var. Cardaba) Peels Reinforced with Snake Plant (Sansevieria trifasciata)	Partido State University
24	Optimization of Irrigation Flow through Conduit Micro Hydropower to Generate Electricity for Off-Grid Barangay of Kabacan, Cotobato	University of Southern Mindanao
25	Development of Protein Hydrolysates from Catfish Consumption Wastes as a Food Ingredient	University of the Philippines Visayas
26	Predicting Malnutrition among Children under-Five Years Old with the use of Classification Techniques in Data Mining	Food and Nutrition Research Institute
27	Development of Optimized Pineapple Fiber Scraping Machine	Capiz State University
28	Microbial Biobank for Lactic Acid Bacteria (LAB) from Traditional Fermented Shrimp (Acetes sp.) and Anchovies (Encrasicholina sp.) in Western Visayas Western Visayas	Iloilo Science and Technology University
<b><i>Expert Intervention for Scientific Engagement (ExperTISE)</i></b>		
29	Enhancing Technological Innovation of Coconut Products of Segatic Daku Small Coconut Farmers Cooperative	Northwestern Mindanao State College of Science and Technology
30	Addressing the Needs, Gaps, and Challenges of PILMICO Foods Inc. through Science and Technology Research and Development: an ExperTISE Project of MSU-IIT	Mindanao State University - Iligan Institute of Technology
<b><i>Young Innovators Program</i></b>		
31	Novel microring resonator (MRR)-based optical sensor using Photonic Integrated Circuits (PICs)	Ateneo de Manila University
32	Fungal chitosan- based Microbeads: A Heavy Metal Soil-based bioborbent	Polytechnic University of the Philippines - Sta. Mesa
33	Shock Electrodialysis Apparatus (S.E.A.)	Philippine Science High School - Main Campus
34	Isolation and Characterization of Rhizopus Oryzae Chitosan	
35	Human Resource Development Program	Multiagency
<b><i>Support for Project-based Personnel and Researchers (PROSPPER)</i></b>		
36	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	Laguna State Polytechnic University - Los Baños

	<b>Project Title</b>	<b>Implementing Agency</b>
37	Design and Development of a Vision-based Passenger Counter with GPS Tracking for Public Utility Buses using Edge Computing	De La Salle University
38	Graph Query Language (GQL) –Based Geospatial Intelligence: A Novel Approach to Public Transport Data Modelling for Route Recommendation	De La Salle University
<b><i>Ships Ballast Water and Biofouling Treatment Systems IOT Marine Vessels (SAILS)</i></b>		
39	Project 1. Port And Ballast Water Baselines Using Ecological, Microbiological And Edna Approaches (PORTEC)	University of the Philippines Manila
40	Development of Column-Packed Adsorbent for Chrome Recovery from Tanning Wastewater	Philippine Nuclear Research Institute (PNRI)
41	CAPPS: Development of an Alternative Ceramic Armor Plates from Philippine Silicates for Philippine Armed Personnel	Mindanao State University - Iligan Institute of Technology
<b><i>The Hybrid Ferrite-Bimetallic (Hy-FIBE) process: An integrated approach for the</i></b>		
42	Project 1. A Novel Technique for the Recovery of Valuable Metals from AMD through Bimetallic Materials	Mindanao State University - Iligan Institute of Technology
43	Project 2. A Two-Step Neutralization Ferrite Process as Active Remediation Technique for Environmental Treatment of AMD	De La Salle University
44	Recovery of Rare Earth Elements and Strategic Elements from Coal Fly Ash by Hydrometallurgical Techniques	Mindanao State University - Iligan Institute of Technology
45	Determination of appropriate expansion process of perlite to conform to standards of light weight aggregates for use in construction	University of the Philippines Diliman
46	Knowledge Transfer to DOST Technical Staff: Catalyst to MSMEs' Gaining PQA for SMEs	DOST Region IX
47	Valorization of Agri-food Waste: Ultrasound-assisted Extraction of Oil and Polyphenols from Cherry Rejects of Cordillera Grown Arabica Coffee	University of the Philippines Baguio
48	Establishment of DOST Food Safety Web Application	DOST Region IV-A
49	Development of Halal Compliant Dehydrated Food Products from Selected Food Materials (Fruits, Vegetables and Rootcrops)	Industrial Technology Development Institute (ITDI)
50	Establishment of Halal Assurance System for Selected Food Ingredients (Dried and Powdered Onion, Garlic, Black Pepper and Chili)	Industrial Technology Development Institute (ITDI)
51	Developing the Capability of Micro- and Small-Scale Processors in the Manufacture of Quality Food Products from Philippine Cocoa Beans	Industrial Technology Development Institute (ITDI)
52	Waste to Wealth: Value-Adding Approaches to Transform Cacao ( <i>Theobroma cacao</i> L.) Pod Husk Towards Economic Development	Isabela State University
53	Design, Improvement and Sea Testing of A Remote-Controlled Weapons System (RCWS)	Metals Industry Research and Development Center

	Project Title	Implementing Agency
	<b><i>Enhancement of The Competence and Capability of the National Metrology Laboratory of the Philippines</i></b>	
54	Project 2. Chemical Metrology for Inorganic Toxic Elements in Food and Water	Industrial Technology Development Institute (ITDI)
55	Project 3. Biological Metrology for Microorganisms in Food	Industrial Technology Development Institute (ITDI)
56	Assessment and Profiling of COVID-19 Pandemic-Induced Wastes in General Santos City: Basis for the Development of Innovative Waste-To-Energy Technology of MSU- Gensan	Mindanao State University - General Santos City
57	Designing High Entropy Alloy Surfaces For Catalytic Applications Using Atomistic Calculations And Materials Informatics Investigations	University of the Philippines Los Baños
	<b><i>IP Management Program for Academic Institutions Commercializing Technologies (IMPACT)</i></b>	
58	Establishment of Knowledge, Innovation and Technology Transfer Processes of the Holy Angel University	Holy Angel University
59	Establishment of Iloilo Science and Technology University Technology Transfer Processes	Iloilo Science and Technology University
60	Establishment of the Technology Transfer and Commercialization Management System at Cagayan State University	Cagayan State University - Andrews
61	Reinforcing the Capability of the Technology Transfer Program of the DOST-Forest Products Research and Development Institute	Forest Products Research and Development Institute
62	Establishment of Technology Management System at Samar State University	Samar State University
63	Establishment of the SU-KTTO at Silliman University, Dumaguete City, Negros Oriental	Silliman University
64	Establishment of University of Mindanao Technology Transfer and Intellectual Property Management Office (UM-TT Technological Institute of the Philippines (TIP)MO)	University of Mindanao
65	IMPACT: Operationalizing Technology Transfer in T.I.P.: A Reference for T.I.P. Initiatives to Strengthen the Innovation Ecosystem	Technological Institute of the Philippines (TIP)
66	IMPACT: Strengthening the DOST-PTRI's Technology Management System to Accelerate Technology Adoption	Philippine Textile Research Institute (DOST - PTRI)
67	IMPACT: Strengthening IP Management for Upgraded Licensing and Adoption Mechanisms of ASTI Technologies for Commercialization (SIMULA)	Advanced Science and Technology Institute
	<b><i>Startup Grant Fund: Jumpstarting the Economy in the New Normal</i></b>	
68	Enhancement and Market Validation of Airship Logistics, A Logistics Management Suite to Help Optimize the End-to-End Delivery Operations of Ecommerce Logistics (Rocketlabs)	Rocket Labs Consulting Inc.
69	Enhancement and Market Validation of OMG! Oh My Genie! (An AI-Enabled Automated Last Mile Fulfillment System for Brands and Suppliers) (OhMyGenie)	Chimera Technologies Corporation

	<b>Project Title</b>	<b>Implementing Agency</b>
70	Prototype Enhancement for Digitizing Traditional Market Centers (Bagsakans) and Market Validation for A Networked Agricultural Clearing House (Xperto)	Verdant Seasons Farm Management Technologies Corp.
71	Improvement of the Magwai Reef-Safe Sunscreen Formulation to Accelerate its Market Adoption (Magwayen)	Magwayen Organics, Inc
72	Enhancement and Validation of the Advanced Robust Cooperative System (ARCS), an integrated Software-as-a-Service (SAAS) solution for cooperative management and regulatory compliance	IOL Inc.
73	An Agriculture Technology Platform automated logistics booking for farmers and fisherfolks	Agrabah Ventures Inc.
74	Improvement and Assessment of Marketability of an AI-powered Buyer-Supplier Matching and Management System for Businesses in the Philippines	Burket.Ph Incorporated
75	Enhancement and Validation of Zippee Logistics: A Franchise B2B Logistic Platform for Truck Owners and Franchisees	Bizooku Philippines Inc
76	Enhancement of the Prototype and Market Validation of Traceability Access for Consumer and Export powered by Artificial Intelligence (TrACE.AI) Software System	CAWIL Data Analysis Service
77	Development of Hubware 4.0 and Market Validation of the Construction-Focused Online Marketplace Platform	Hubware Corp
78	Enhancement And Validation Of Cerebro (An Integrated School Management And Content Library System For K-12 Schools)	LMS Philippines OPC
79	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.
80	Enhancement of Prototype of the Blockchain-Powered Document Management System, Electronic Signature Software-As-A-Service Platform and Self-Sovereign Digital ID	Ohelio, Inc.
81	Enhancement and Market Validation of Brooky, A Sales Process Automation Platform to Increase Sales and Generate Insights for Real Estate Developers	Kingstate Ventures Corp.
82	Enhancement of A Wireless Sensor Based Educational Service Delivery (A Mobile App Development for Content Distribution System)	Creatorbox Products and Solution
83	Enhancing the MSME Supply Chain Experience by Integrating Cold Chain Solutions in DeliverE 2.0	InsightsCS Corporation
84	Enhancement of BizKit (The First Local Centralized Business Suite) to better facilitate cross-functional and holistic business operations in the new normal	BizKit Technologies Inc.

	<b>Project Title</b>	<b>Implementing Agency</b>
85	Market Segment Validation and Targeting for CodeChum, An Online Programming Class Platform	Maranga Software Solutions
86	EdukSine App and Streaming Website (PIRFS Multimedia Distribution Services)	PIRFS Multimedia Distribution Services
87	Improvement and Digitalization of Agri-Ecommerce Farm To Table Infrastructure	Platform Technologies, Inc.
88	Exporter Incubation and Predictive Intelligence for Exporters – Improving the Capabilities of eCExport, an AI-powered export incubation platform for Filipino MSMEs	eCFulfill Inc.
89	Enhancement and Market Validation of Nutricoach (A work-from-home productivity tool for nutrition professionals)	Nutricoach, Inc.
90	Enhancement of XPERTO Events Management and Credentialing Platform using Cloud Technologies and Artificial Intelligence for Professionals	Wayvent Innovations, Inc.
91	Enhancement and Market Validation of Infnit LMS - a Learning Management System with Outcomes-Based Education Analytics	Advanced Infnit Technology Solutions, Inc.
92	Enhancement of Prototype and Market Validation of TinkerClubs.com (A STEAM-Learning Platform for K-to-6 Learners)	TinkerHouse, Inc.
93	Enhancement of Material Property of Lesstics Roofing Tile (Bio-based Insulation Polymer/Waste Single-Used Plastic Composite)	Lesstics, Inc.
94	Development and Market Validation of Empath, a Mental Health App for Youth in High-Stress Situations	Empath Corporation
<b><i>Women-Helping-Women: Innovating Social Enterprises (WHWISE)</i></b>		
95	Assistance to the Upgrading of Technology of LunchBox Project Superfoods and its Community Partners in Bulacan, Philippines (Action Hub)	Action Hubs Phils. Inc.
96	Enhancement and Market Validation of Husay.Co, A Learning-To-Earning Platform for Filipino Artists and Creative Workers	MotmotLala Co. (Husay.Co)
97	Optimizing the Production of Natural Products from the Philippine Cinnamon & other Aromatic Plants	Plantsville Health Products
98	Innovation thru Building and Leveraging Entrepreneurship Development, Networking and inclusive Community Engagement for WomEntrepreneurs (iBLEnDNICE 4WomEn)	Mindanao State University - Iligan Institute of Technology
<b><i>Higher education Institution Readiness for Innovation &amp; Technopreneurship (HeIRIT)</i></b>		
99	Adamson University Neo Science and Technology Incubation Center (AduNEST-INC)	Adamson University

	<b>Project Title</b>	<b>Implementing Agency</b>
100	Handholding Starting Incubators from HEIs for Readiness towards Innovation and Technopreneurship Preparatory and Skills Acceleration for TBI Managers Optimizing Regional Startup Ecosystem (HIHEIRIT PA MORE!)	University of the Philippines Mindanao
101	Establishment of DOST-ISAT U K'Dra 1905 Technology Business Incubator (KTBI)	Iloilo Science and Technology University
102	HEIRIT: ESTABLISHMENT OF SOCIAL INNOVATION LABORATORY AND BUSINESS INCLUSION - TECHNOLOGY BUSINESS INCUBATION (SILBI-TBI)	University of the Philippines Baguio
103	HEIRIT: ESTABLISHMENT OF ADZU TECHNOLOGY BUSINESS INCUBATOR - DOST-ADZU AZUL HUB	Ateneo de Zamboanga University
104	HEIRIT: ESTABLISHMENT OF SKSU-TBI SUSTAINABLE TECHNOPRENEURSHIP ECOSYSTEM FOR THE PROMOTION AND ADVANCEMENT OF PROMISING PRODUCTS (STEP APP)	Sultan Kudarat State University
105	HEIRIT: ESTABLISHMENT OF THE DOST-SNSU WAVES TBI IN SURIGAO DEL NORTE STATE UNIVERSITY	Surigao State College of Technology
106	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 Incorporated
107	HEIRIT: ESTABLISHMENT OF DOST-NEUST I-METAL (INCUBATOR FOR METAL TECHNOLOGY ACCELERATION AND LIVELIHOOD)	Nueva Ecija University of Science and Technology
108	HEIRIT: ESTABLISHMENT OF ICEBOX: A DOST-SUPPORTED TBI FOR SMART SYSTEMS INNOVATIONS	Mindanao State University
109	HEIRIT: ESTABLISHMENT OF DOST-TSU ASLAGAN TECHNOLOGY BUSINESS INCUBATOR	Tarlac State University
110	HEIRIT: ESTABLISHMENT OF DOST-MMSU BANNUAR TECHNOLOGY BUSINESS INCUBATOR FOR ADVANCING THE CREATIVE MANUFACTURING INDUSTRY IN THE ILOCOS REGION	Mariano Marcos State University
111	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
112	HEIRIT: ACCELERATING THE GROWTH OF THE ATENEO BLUE NEST INCUBATION PROGRAM	Ateneo de Manila University
113	HEIRIT: ESTABLISHMENT OF BPSU SIKAT TECHNOLOGY BUSINESS INCUBATOR FOR THE CREATIVE MANUFACTURING INDUSTRY	Bataan Peninsula State University (BPSU)

	Project Title	Implementing Agency
114	HEIRIT: ESTABLISHMENT OF DOST-ISU SMART CITY TECHNOLOGY BUSINESS INCUBATOR FOR THE CAGAYAN VALLEY REGION	Isabela State University - Cauayan
115	HEIRIT: ESTABLISHMENT OF DOST-BENILDE HIFI BTS TBI	De La Salle-College of Saint Benilde
116	DOST-DTI-DICT Collaboration Project for International and Local Events for the Innovative Startup Act	Ideaspace Foundation, Inc.
117	Project Management/Assessment and Policy Development Program	Philippine Council for Industry, Energy and Emerging Technology Research and Development
118	Balik Scientist Program	Philippine Council for Industry, Energy and Emerging Technology Research and Development
119	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
120	Development and Field Testing of Retort Foods as Food Ration for Men in Uniform during Combat and High Risk Operations	Industrial Technology Development Institute (ITDI)
121	The PEEL-Good Project: Bench-scale Ultrasound-assisted Extraction of Pectin from 'Saba' Banana Peel Waste	University of the Philippines Los Baños
122	Filipinnovation Entrepreneurship Corps (FEC) 3: Cohort 3 and Train-the-Trainer (TTT) Module - Enabling Researchers to Assess Commercial and Societal Value of their Research	De La Salle University
123	Cost-effective technology for monitoring and quantifying benthic area covered by marine litter in shallow coastal areas	University of the Philippines Mindanao
124	Intelligent Structural Health Monitoring via Mesh of Tremor Sensors (meSHM)	De La Salle University - Manila
125	Development of Multi-lingual Chatbot for Health Monitoring of Public School Children	De La Salle University - Manila
<b><i>Autonomous Societally Inspired Mission Oriented Vehicles (ASIMOV)</i></b>		
126	Project 1. Harmonized Aerial Watch and Knowledge-based Survey (HAWKS)	University of the Philippines - Mindanao
127	Project 2. Robot for Optimized and Autonomous Mission-Enhancement Responses (ROAMER)	Advanced Science and Technology Institute
128	PECTIN-CARRAGEENAN MIXTURES: High Precision Characterization of Hydrogel Heterogeneity Properties with Optical Tweezers and FESEM Imaging	University of San Carlos - Talamban
129	Mathematical Resources for Distance Learning Utilizing Community LTE Networks and Television Frequencies	Ateneo de Manila University
130	Sandpix: A Sand-based Image Printing Technology	Western Institute of Technology

	Project Title	Implementing Agency
	<b>Materials for Sustainable Construction and Recyclables Applied to Projects (M-</b>	
131	Project 2. Green Fiber-reinforced Polymer (FRP) Composites as an Innovative Repair System for Earthquake-prone Historical Buildings	De La Salle University - Manila
132	AQUADRONE: UAV Assisted Deployment System for Water Quality Monitoring	University of Santo Tomas
133	Collaborative Aerial-ground unmanned system for exploration and monitoring of Philippine active volcanoes	Mindanao State University - Iligan Institute of Technology
134	Testdrive: Training, Education, and Evaluation of Road Safety Driving Competencies through A Virtual Environment	Mapua University
135	Collection, Recording, and Analysis of Traffic Incidence Data (CREATE)	University of the Philippines Diliman
136	The PSHC in the Future: A Scoping Study on Preparing for the Future of the PSHC	National Academy of Science and Technology
137	1st Philippine Handloom Weaving Conference: Weaving a Sustainable and Inclusive Future	Philippine Textile Research Institute
138	1st Philippine Textile Congress	Philippine Textile Research Institute
	<b>Philippine Sky Artificial Intelligence Program (SkAI-Pinas)</b>	
139	ASTI Automated Labeling Machine (ASTI-ALaM)	University of the Philippines - Mindanao
140	Automated Labeling Machine - Large-Scale Initiative (ALaM-LSI)	University of the Philippines - Mindanao
141	Establishing an Innovations Laboratory for Machine Design, Evaluation, and Fabrication (MaDe Fab Lab)	Capiz State University
142	Upgrading of the Microbiology and Physico-Chemical Laboratories of Capiz State University to support the Research and Development Initiatives of the Food Cluster Group	Capiz State University
143	Establishment of Central Luzon Internet of Things Research and Innovation Laboratory for Smart Cities (IoTRILS)	Bulacan State University
144	Establishment of the MulTechnological Institute of the Philippines (TIP)le Applications for Reality-Virtuality Experience Laboratory (MARVEL) for Local Product Business eCommerce	Our Lady of Fatima University
145	Cotabato Region Industry and Energy Research and Development Consortium (CRIERDC)	
146	Support for the Operations of the Central Visayas Consortium for Industry, Energy and Emerging Technology (CVCIEERD) for the year 2021	
147	CIMPA SCHOOL PHILIPPINES 2022 Mathematical Modeling of Ecosystems	Caraga State University
148	Research Attachment to Nanophotonics Technology Center (NTC) at Universitat Politècnica de València	Ateneo de Manila University
149	Integrated Human Resources Development of Food Innovation Center's in Caraga through the Visiting Expert Program	
150	Agent-Based Modeling of COVID-19 Transmission in Philippine Classrooms	University of Mindanao - Bolton

	<b>Project Title</b>	<b>Implementing Agency</b>
151	Optimization of Durio zibethinus (Durian) Fiber-reinforced Composite as Automotive Skin Material	University of Mindanao-Bolton
152	Digital Twin Training Course for Civic Innovation Twin Technology (CITTE) Platform	Isabela State University Cauayan Campus
153	A Real-time Flying Insect Recognizer and Locator Tool utilizing Binaural Signals for Portable and Constrained Devices	
154	#TCPassagePH: Development of operational seasonal prediction system for tropical cyclone passages in the Philippines	Philippine Atmospheric, Geophysical and Astronomical Services Administration (PAGASA)
155	Development of Draft Standards and Recommended Code of Practice for Processing of Peanut Butter	Industrial Technology Development Institute (ITDI)
156	Research-Based Capacity Building on Science Communication for an Ecologically Adaptive Tourism Management Contingent to Mt. Malindang Range Natural Park, Misamis Occidental	Misamis University - Ozamis City
157	PROMT: Philippines Remediation of Mine Tailings	Philippine Nuclear Research Institute (PNRI)
158	Validation of Wehlo as a Spin-Off from DOST-PCIEERD Funded Projects; Arms, Framer And Scarp	Malayan Colleges, Inc.
159	DEV'T OF FIBER-REINFORCED SELF COMPACTING CONCRETE (FRSCC) FOR CORROSION REDUCTION	Far Eastern University (FEU)
160	FEDERATION OF ENGINEERING INSTITUTIONS OF ASIA AND THE PACIFIC (FEIAP) 30TH GENERAL ASSEMBLY AND 6TH INTERNATIONAL CONVENTION	Philippine Technological Council
161	OSTER PRESENTATION AT THE 21ST WORLD CONGRESS OF FOOD SCIENCE AND TECHNOLOGY: "EFFECT OF HEATING TEMPERATURE ON THE PERCEPTION OF AROMA AND FLAVOR ATTRIBUTES OF SELECTED PHILIPPINE VIRGIN COCONUT OIL (VCO)"	University of the Philippines Diliman
162	Visions of a Smart METRO: A Smart City Seminar and Workshop Series	University of the Philippines Diliman
163	Conduct of Workshop on Radiological Environmental Impact Assessment for Nuclear Installations	Philippine Nuclear Research Institute (PNRI)
164	Attendance to the 2022 CIMPA Summer School on Mathematical Methods in Data Analysis (PCIEERD-HRDP-RIEETOOL)	University of the Philippines Los Baños
165	Visions of a Smart METRO: Modern Geospatial Technologies to support Smart City Development	University of the Philippines Diliman
166	Design and fabrication of an airframe for a medium-range,, short take-off and landing UAV	FEATI University
167	ASSESSMENT, DEVELOPMENT, AND PRESERVATION FOR TYPHOON AND EARTHQUAKE RESILIENT IVATAN HOUSES	Cagayan State University - Tuguegarao (Carig)

	Project Title	Implementing Agency
168	Establishment Of A Solid Freeform Fabrication Research Laboratory (SoFFRel)	Pangasinan State University
169	Central Luzon Consortium for Industry and Energy Research and Development (CLIERDEC)	
170	Grafting of poly(glycidyl methacrylate) onto abaca woven fabric as interface compatibilization for composite reinforcement - Presentation in the Second International Conference on Applications of Radiation Science and Technology (ICARST-2022)	Philippine Nuclear Research Institute (PNRI)
171	Solvothermal Carbonization of Carbon-Based Industrial Waste into Carbon Dot Phosphors for WLED application	Mindanao State University - Iligan Institute of Technology
172	PCIEERD BLOCKCHAIN LAUNCHING CEREMONY AT THE ACACIA HOTEL	
173	DESIGN, CONSTRUCTION AND PROCESS OPTIMIZATION OF A COMBINED PHYSICO-CHEMICAL COAGULATION AND ELECTROCOAGULATION SYSTEM IN TREATING COMPLEX WASTEWATER CONTAMINATED WITH HEAVY METALS (NI, CU AND PB).	University of San Agustin
174	PHILIPPINE MINING AT THE NATIONAL TO CATCHMENT SCALE: FROM LEGACY IMPACTS TO SUSTAINABLE FUTURES (PROJECT PAMANA)	University of the Philippines Los Baños
175	Production and Improvement of Construction Materials using Bacterial Calcite Precipitation	University of the Philippines Diliman
176	ESCHOLAR: A MOBILE RESPONSIVE WEB APP FOR EDUCATIONAL BENEFIT SYSTEM UNIT (EBSU) WITH PRESCRIPTIVE ANALYTICS	University of Mindanao Bolton St. Davao City
177	PROWESS 9PROVINCIAL WORKFORCE ENABLING SYSTEM THRU SCHOLARSHIPS) A SCHOLARSHIP REGISTRY, MONITORING DASHBOARD AND JOB MATCHING PREDICTION SYSTEM FOR THE PROVINCE OF DAVAO DEL SUR	University of Mindanao
178	AUGMENTATION USING GENERATIVE ADVERSARIAL NETWORK FOR VIOLENCE DETECTION VIDEOS	University of Immaculate Conception (UIC)
179	STEADY-STATE HYDRAULIC NUMERICAL ANALYSIS FOR OPTIMIZED WATER DISTRIBUTION NETWORK MODELLING: AN APPLICATION OF SELECTED HYDRAULIC SOLVER	University of Southern Mindanao
180	APPLICATION OF MACHINE LEARNING IN ENERGY PRODUCTION FORECASTING FOR SMALL HYDRO POWER PROJECT	Central Mindanao University
181	DESIGN AND DEVELOPMENT OF AUTOMATED MARINE SEWAGE TREATMENT PLANT (MSTP) USING ULTRAVIOLET LIGHTS WITH HOLDING TANK AND SHORE CONNECTION TO DISCHARGE PIPE FOR DOMESTIC VESSELS	John B. Lacson Foundation Maritime University

	Project Title	Implementing Agency
182	Synthesis of forward osmosis membrane from Ananas comosus cellulose-silica composites for desalination application	University of the Philippines Los Baños
183	Effect of silica/MBNT/BNT ternary filler on the curing properties of natural rubber vulcanizates 2022 9th International Conference on Mechanics, Materials and Manufacturing Publication in Key Engineering Materials	University of the Philippines Los Baños
184	Presentation of poster entitled "Effect of heating temperature on the perception of aroma and flavor attributes of selected Philippine virgin coconut oil (VCO)" at the 21st World Congress of Food Science and Technology	University of the Philippines Diliman
185	Integration of RTK-GPS module for Autonomous Outdoor Navigation of Mobile Land and Aerial Robots applied in Agriculture	University of Santo Tomas
186	Caraga Food Safety Summit	DOST Caraga
187	Ambient Air Remote Sensing, Modeling and Data Visualization Environment (AiRMoVE)	University of the Philippines Diliman
188	RESEARCH OF LOCAL SUPPLY CHAIN AND PILOT TESTING OF MURAMART OPTIMIZATION SYSTEM - MURAMART HOLDINGS INC	Muramart Holdings, Incorporated
189	ENHANCEMENT AND IMPROVEMENT OF RECOMMENDER SYSTEM AND RISK ASSESSMENT REPORT FEATURES OF AIMHI, A CONSTRUCTION PROJECT MANAGEMENT SYSTEM FOR CONSTRUCTION COMPANIES	Seckka Empire Builders, Inc.
190	ENHANCEMENT AND MARKET VALIDATION OF LYON: THE ALL-IN-ONE PLATFORM FOR CREATORS TO MONETIZE, ENGAGE, AND RETAIN THEIR AUDIENCES - LYON	Lyon Software Technologies, Inc.
191	Prototype Improvement and Market Validation of AtoANI i-CROP Platform (A Data-based Recommendation Platform for a Produce-to-Demand Agriculture Model) (WVJA Food Products Manufacturing)	WVJA Food Products Manufacturing
192	Enhancement and Market Validation of a Fully Accessible Cloud-Based Virtual School for Persons with Disabilities in the Philippines (Virtualahan)	Virtualahan Inc.
193	Calunasan Cacao Pod Husk w/ Rice Hulls based Fuel Briquetting (Ofamen)	Ofamen Cacao Farm

### List of Projects Monitored

	Project Title	Implementing Agency
	<b>Impact Assessment</b>	
1	Impact Assessment of the Technology Innovation for Commercialization (TECHNICOM) Program	Philippine Council for Agriculture, Aquatic and Natural Resources Research and Development (PCAARRD)
2	Impact Assessment of the Philippine Scientific Earth Observation Microsatellite Program	University of the Philippines Los Baños
3	Impact Assessment of the Phil Lidar Program	Visayas State University
	<b>IP Management Program for Academic Institutions Commercializing Technologies (IMPACT)</b>	
4	Establishment of Technology Management System at UP Mindanao	University of the Philippines Mindanao
5	Establishment of Technology Transfer and Utilization Processes and Services in Bulacan State University	Bulacan State University
6	Establishment of the Knowledge, Innovation and Technology Transfer Processes of the Holy Angel University	Holy Angel University
7	SPRINGBOARD - Supporting Potential and Relevant IP as Next Generation Business Opportunities towards Acceleration of Research and Development	Batangas State University
8	Reinforcing the Capability of the Technology Transfer Program of the DOST-Forest Products Research and Development Institute	Department of Science and Technology-Forest Products Research and Development Institute (DOST-FPRDI)
9	Establishment of Technology Management System at Samar State University	Samar State University
10	TRUE IMPACT: Technology and Research of USEP Enhanced through IMPACT	University of Southeastern Philippines - Main
11	Establishment of the Technology Transfer and Commercialization Management System at Cagayan State University	Cagayan State University - Andrews
12	Teknoy InACT - Teknoy Innovation Advancement through Commercialization and Technology Transfer	Cebu Institute of Technology University

	<b>Project Title</b>	<b>Implementing Agency</b>
13	Establishment of the SU-KTTO at Silliman University, Dumaguete City, Negros Oriental	Silliman University
14	Establishment of Adamson University Technology Transfer Processes	Adamson University
15	Filipinnovation Entrepreneurship Corps 3 (Fec 3): Cohort 3 and Train-The-Trainer (TTT) Module – Enabling Researchers to Assess Commercial and Societal Value of their Research	De La Salle University - Manila
16	Establishment of Iloilo Science and Technology University Technology Transfer Processes	Iloilo Science and Technology University
17	Catalyzing Thomasian IP Generation and Utilization	University of Santo Tomas (UST)
18	Establishment of Knowledge and Technology Transfer Processes for University of the Cordilleras	Philippine Council for Industry, Energy and Emerging Technology Research and Development (PCIEERD)
19	Strengthening Bicol University's IP Management Programs and Commercialization Strategies (BU-IPCom)	De La Salle University - Manila
20	Enhancement of the DOST-FNRI's Technology Transfer Office Policies and Processes	Bicol University - Main
21	Operationalizing Technology Transfer in T.I.P.: A Reference for T.I.P. Initiatives to Strengthen the Innovation Ecosystem	Cagayan State University - Andrews
22	Fostering Innovation to Galvanize HEI's Tech Transfer (FIGHTT) - Saint Louis University	University of Mindanao - Bolton
	<b>Collaborative Research and Development to Leverage Philippine Economy (CRADLE) Program</b>	
23	Upgrading the Philippine Lateritic Bauxite Through Potential Ore Beneficiation Processes	University of the Philippines Diliman

	<b>Project Title</b>	<b>Implementing Agency</b>
24	Building Bonds between Academe and Industry: Formulation of Vitrified Bonding Materials for Locally Manufactured Aluminum Oxide and Silicon Carbide Grinding Wheels	Ateneo de Manila University
25	SPARCS: System for Plasma-assisted Ablation of Residues and Cleaning of Surfaces	University of the Philippines Diliman
26	CYANanobot: Miniaturized Boat-assisted Data Acquisition for Automated Cyanide Monitoring in Wastewater using Optical Nano-sensor	Caraga State University
27	Drive Air ni Juan - Aluminosilicate Technology for Compact Air Purification	Global One Shuttle Service, Inc.
28	Community-level Functionalization of Handwoven Cordillera and Mindoro Textiles for Creative Protective Clothing	Philippine Textile Research Institute
29	Valorization of Carabao's Milk Produced in Western Visayas for the 'New Normal'	University of the Philippines Visayas
30	Technology Intervention to Provide an Alternative Market for Sampaguita (Jasminum sambac) as Raw Material for Jasmine Oil Production	Mapua University
31	IoT (Internet of Tubig) : Development of smart water meter wireless network	University of the Philippines Diliman
32	Development of Quality Soysage Using Okara	University of Santo Tomas (UST)
33	Reworking of Processed Meat Using a Combined Acidification-Heat Treatment Process	Eastern Visayas State University
34	Smart Parcel Locker	Technological Institute of the Philippines
35	Design and Prototyping of Salt Harvesting Machine	Industrial Technology Development Institute (ITDI)
36	Diachronic Representation and Linguistic Study of Filipino Word Senses Across Social and Digital Media Contexts	De La Salle University
37	baTID: RFID-band for personalized body temperature monitoring	Ateneo de Manila University

	<b>Project Title</b>	<b>Implementing Agency</b>
38	Gold Mine Tailings Utilization for Waste Reduction and Socioeconomic Benefits	Caraga State University
39	Development of a Design Guideline Using Finite Element Analysis for Semiconductor and Electronics Packaging Systems for Automotive Applications (FEA2)	De La Salle University - Laguna
40	Valorization of Mature Coconut Water through Beverage Development	University of the Philippines Diliman
41	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
42	TIP/SUBIC WATER - Constructed Wetland for Wastewater Treatment of Effluent from a Water Provider	Technological Institute of the Philippines Manila - Arlegui Campus
43	SMART MINE: Development of Sediment Monitoring and Analysis for Rehabilitation Tool in a surface MINE area	Central Mindanao University
44	Systematized Mining Operations using Automation and Real-Time Telematics Platform towards a Paradigm Shift in Surface Mines of Caraga Region (SMART Mines)	Caraga State University
45	Development of a Liner-Enhanced Curing Vessel for Salted Egg Production for Eggciting Traditions	Batangas State University
46	Development of Philippine Silk using Twisted Silk Yarns from Commercial Philippine Silkworm Hybrids in Northern Mindanao	Batangas State University - Main
47	Maritime Energy Demand Information and Analysis Software (MEDIANs)	AtoANI
48	Enhanced Forecasting Model for Complex Water Supply Systems of the East Service Area of Metro Manila	Asian Institute of Management (AIM)
49	Design Improvement of Existing Chain Link Fencing Machine to Produce Slope Protection Circular Wire Mesh	Advanced Science and Technology Institute (ASTI)
50	Unistar Automated Repossessed Motorcycle Assessment System (Unistar ARMAS)	De La Salle University - Manila

	<b>Project Title</b>	<b>Implementing Agency</b>
	<b>Higher Education Institution Readiness for Innovation and Technopreneurship</b>	
51	Establishment of the DOST-TOMASInno Center TBI	University of Santo Tomas (UST)
52	Establishment of Technology Business Incubation Facility of Mapua University	Mapua University
53	Establishment of DOST-ISAT U K'Dra 1905 Technology Business Incubator (KTBI)	Iloilo Science and Technology University
54	Establishment of Adamson University Neo Science and Technology Incubation Center (AduNEST-INC)	Adamson University
55	Establishment of the DOST technology Business Incubation in University of the Philippines Mindanao	UP Diliman
56	Establishment of a Technology Business Incubator at Silliman University	University of the Philippines Mindanao
57	Establishment of the Sabatan: The Nueva Vizcaya State University Technopreneurs Hub	Silliman University
	<b>Funding Assistance for Spin-off and Translation of Research in Advancing Commercialization Program (FASTRAC)</b>	
58	Establishment of a Spin-off Facility and Pilot Plant for Fruitect Coatings for Shelf-Life Extension of Fresh Fruit Produce	University of the Philippines Los Baños
59	Alama Project: Technology Development, Commercialization and Promotion of Gitara ni Juan	University of the Philippines Diliman
60	Enhancement and Market Validation of TITAN Vision based Traffic Information and Analysis	De La Salle University - Manila
61	VISSER::REFRESH (Redesigning for Remote Education, in School and at Home)	University of the Philippines Diliman
62	Establishment of a Spin-off Facility and Pilot Plant for HormoGroe Nanoformulated Plant Growth Regulator for the Production of High Value Crops	University of the Philippines Los Baños

	<b>Project Title</b>	<b>Implementing Agency</b>
	<b>Advanced Additive Manufacturing R&amp;D Program (AMCen)</b>	
63	Research on Advanced Prototyping for Product Innovation and Development using Additive Manufacturing Technologies (RAPPID-ADMATEC)	Metals Industry Research and Development Center
64	Development of Multiple Materials Platform for Additive Manufacturing (MATDEV)	Industrial Technology Development Institute (ITDI)
	<b>RC-UK PROGRAM</b>	
65	Philippines - Quantitative Lahar Impact and Loss Assessment Under Changing Land Use and Climate Scenarios	Philippine Institute of Volcanology and Seismology
	<b>Space Technology &amp; Applications Mastery, Innovation and Advancement (STAMINA4Space)</b>	
66	Project 1. Optical Payload Technology In-depth Knowledge Acquisition and Localization (OPTIKAL)	University of the Philippines Diliman
67	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)	Advanced Science and Technology Institute
68	Project 3. Space Science and Technology Proliferation through University Partnerships (STEP-UP)	University of the Philippines Diliman
69	Project 4: Ground Receiving, Archiving Science Product Development and Distribution (GRASPED)	Philippine Atmospheric, Geophysical and Astronomical Services Administration
	<b>Philippine Bamboo Musical Instruments Innovation Research and Development Program</b>	
70	Project 1 : Documentation of Philippine Indigenous Bamboo Musical Instruments	Department of Science and Technology–Forest Products Research and Development Institute (DOST–FPRDI)
71	Risk Profiling of Hazards in Philippine Food to Support National Risk Management	University of the Philippines Diliman
72	Operationalization of Halal Verification Laboratories (HVLs) of DOST Regions CALABARZON, 11, 12, and ARMM in Support to Halal Assurance Systems	Industrial Technology Development Institute (ITDI)
73	Fabrication of Graphene-based Nanostructure Substrates for Applications in Ultrasensitive Detection	University of the Philippines Diliman
74	Project 2 : Development of Protective Processing Technology for Bamboo Musical Instruments	Department of Science and Technology–Forest Products Research and Development Institute (DOST–FPRDI)

	<b>Project Title</b>	<b>Implementing Agency</b>
	<b>e-Asia JRP</b>	
75	Fundamental study of the physical properties of metal-oxide single nanowires and nanoparticles for bio-nano-sensing	De La Salle University
76	Developing Green Degradable Polymers from Plant Based Oils and Investigation on Its Subsequent Functionalization and Utility as Heavy Metal Sequestrants	Ateneo de Manila University
77	Development of Innovative Nanobiodevices Based on Hybrid Materials by Combination of Endemic South Asian Biomolecules and Nanocarbons	Mindanao State University - Iligan Institute of Technology
	<b>MECO-TECO Joint Research Program</b>	
78	Sustainable Green Energy from Hydrogen Evolution Reaction via 2D Janus Nanosheet Electrocatalysts (SGEHER2DNANO): Density Functional Theory Calculations	University of the Philippines Los Baños
	<b>Startup Grant Fund Program</b>	
79	Enhancement and Validation of Zippee Logistics: A Franchise B2B Logistic Platform for Truck Owners and Franchisees	Bizooku Philippines Inc.
80	Enhancement and Validation of the Advanced Robust Cooperative System (ARCS), an integrated Software-as-a-Service (SAAS) solution for cooperative management and regulatory compliance	IOL Inc.
81	Enhancement of BizKit (The First Local Centralized Business Suite) to better facilitate cross-functional and holistic business operations in the new normal	BizKit Technologies Inc.
82	Market Segment Validation and Targeting for CodeChum, An Online Programming Class Platform	Maranga Software Solutions
83	Enhancement of the Prototype and Market Validation of Traceability Access for Consumer and Export powered by Artificial Intelligence (TrACE.AI) Software System	CAWIL. AI

	<b>Project Title</b>	<b>Implementing Agency</b>
84	Improvement and Assessment of Marketability of an AI-powered Buyer-Supplier Matching and Management System for Businesses in the Philippines	Burket.Ph, Inc.
85	Enhancing the MSME Supply Chain Experience by Integrating Cold Chain Solutions in DeliverE 2.0	InsightSCS Corp.
86	Agrabah: An Agriculture Technology Platform for Automated Logistics Booking for Farmers and Fisherfolks	Agrabah Ventures Inc.
87	Enhancement and Market Validation of Infnit LMS – a Learning Management System with Outcomes-Based Education	Advanced Infnit Technology Solutions Inc.
88	Enhancement of Local Disaster Reporting and Response System	OBXs IT Solutions
89	Improvement of the MAGWAI Reef-Safe Sunscreen Formulation to Accelerate its Market Adoption	Magwayen Organics, Inc.
90	Development of Hubware 4.0 and Market Validation of the Construction-focused online marketplace Platform	Hubware Corporation
91	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
<b>Startup Grant Fund Program - Jumpstarting the Economy in the New Normal</b>		
92	Prototype Enhancement for Digitizing Traditional Market Centers (Bagsakans) and Market Validation for a Networked Agricultural Clearing House	Verdant Seasons Farm Management Technologies Corporation
93	Enhancement and Market Validation of OMG! Oh My Genie! (An AI-Enabled Automated Last Mile Fulfillment System for Brands and Suppliers)	Chimera Technologies Corporation
<b>Terahertz Research and Innovation Program Leading to Commercially-Viable THz Time Domain Spectroscopy Systems</b>		
94	Project 4. THz Spectroscopic Fingerprinting of Controlled Substances Relevant to Human Health and Security	University of the Philippines Los Baños

	<b>Project Title</b>	<b>Implementing Agency</b>
	<b>DOST-MOST Joint Research Program (JRP)</b>	
95	Solar PV Resource and Installation Assessment Using Geospatial Technologies (SINAG)	University of the Philippines Diliman
96	Green Oil and Phytochemicals from Cashew	Industrial Technology Development Institute (ITDI)
97	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
98	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
99	Establishment of DOST Food Safety Web Application	DOST Region IV-A
100	Towards Leveling- up OneLab for Research, Development and Innovation	DOST Region IX
101	A Game-based Mobile Learning Platform for Social Studies	Mariano Marcos State University - Main
102	MR. Tour Guide: A Cultural Adaptive Mapping Platform using Mixed Reality	Batangas State University
103	Passive Seismic Stratigraphy of Irregular Topography (PSSIT) Applicable to Mountainous Areas of Baguio City	Philippine Institute of Volcanology and Seismology
104	Design of a Modular Stator, Segmented Rotor Switched Reluctance Motor	University of the Philippines Diliman
105	Scale-up Production, Stability and Other Applications of Natural Colorants for Cosmetics	Industrial Technology Development Institute (ITDI)
106	Stunt Science: A Physics Simulator Mobile Game	Western Institute of Technology
107	Philippine Comprehensive Nationwide Construction Resources Technical Evaluation (Philippine CoNCRReTE)	University of the Philippines Diliman

	<b>Project Title</b>	<b>Implementing Agency</b>
108	Unmanned Aerial System (UAS) with Passively Rotating Spherical Shell for Close-proximity Inspection of Infrastructure	Mindanao State University - Iligan Institute of Technology
109	Haynayan AR: An Augmented Reality-Based Lesson for the Improvement of Learning Achievement in Cell Biology for the STEM Curriculum	Philippine Science High School
110	Development of FIC Competency in Moving New Products from Concept to Market Launch	Industrial Technology Development Institute (ITDI)
111	Development of Plasma Coating Processes for the Furniture Industry	University of the Philippines Diliman
112	Deployment of Energy Monitoring Application and Network at DOST (DEMAND) as Demonstration Sites	Industrial Technology Development Institute (ITDI)
113	Application of Natural Antioxidants Derived from Sugarcane for Food, Food Supplement and Cosmetics Production Formulations	University of the Philippines Los Baños
114	Recovery of Nickel, Cobalt, Iron and Rare Earth Elements from Low Grade Philippine Laterite Ores using Atmospheric Leaching with Reduction Pretreatment	Mines and Geosciences Bureau
115	Development of Theoretical and Computational Models Based on Percolation Theory Leading Towards Durable Material Design	Mapua University
<b>Department of Science and Technology – Japan Society for the Promotion of Science (DOST–JSPS)</b>		
116	Preparation of Crown Ethers and Alpha-aminophosphonates Decorated Natural Fibers-based Hybrids Metal Ion Adsorbents by Fusing Multicomponent-reaction and Radiation-grafting of Polymers	Philippine Nuclear Research Institute
117	Smarter Philippines through Data Analytics R&D, Training and Adoption (SPARTA)	Development Academy of the Philippines
<b>Ships Ballast Water and Biofouling Treatment Systems for Marine Vessels (SAILS) Program</b>		
118	Project 1. Port and Ballast Water Baselines using ecological, microbiological and eDNA approaches	University of the Philippines Diliman

	<b>Project Title</b>	<b>Implementing Agency</b>
119	Developing a Prototype Ballast Water Management System (BWMS)	University of the Philippines Diliman
120	Implementation of the RDLead Program	National Research Council of the Philippines
<b>Securing Water Resources in Tourist Destinations in the Philippines: Pilot Study in Boracay Island Program</b>		
121	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
122	Plant Protein Products from Local Sources	Industrial Technology Development Institute (ITDI)
123	Exposure Assessment of Food Chemical Contamination in Metro Manila: A Pilot Total Diet Study Approach	Food and Nutrition Research Institute
124	Development of Nanosilica-based Anti-Corrosion Coating Formulations for Carbon Steel Reinforcement Used in Farm Structures	University of the Philippines Los Baños
<b>Enhancement of the Competence and Capability of the National Metrology Laboratory of the Philippines</b>		
125	Project 1. Chemical Metrology for Organic Contaminants in Foods and Water	Industrial Technology Development Institute (ITDI)
126	Project 2. Chemical Metrology for Inorganic Toxic Elements in Food and Water	Industrial Technology Development Institute (ITDI)
127	Project 3. Biological Metrology for Microorganisms in Food	Industrial Technology Development Institute (ITDI)
128	Project 4. Strengthening the Physical Metrology Capabilities of the National Metrology Laboratory	Industrial Technology Development Institute (ITDI)
129	Understanding Lightning and Thunderstorms for Extreme Weather Monitoring and Information Sharing (ULAT)	Advanced Science and Technology Institute
130	Establishment of Regional Yarn Production and Innovation Center – Northern Luzon	Philippine Textile Research Institute

	<b>Project Title</b>	<b>Implementing Agency</b>
	<b>Establishment for Smart Water Infrastructure and Management (SWIM) Research and Development Center</b>	
131	Smart Water Control Infrastructures for Effective Irrigation Management	Isabela State University - Main
132	Project 3. GIS-Based Decision Support Tool in Managing Urban Water Infrastructure with Stormwater Intervention for Smart Cities: A Case for Cauayan City	Isabela State University - Main
133	Integrated assessment and analysis of hydraulic assets for sustainable and resilient flood control infrastructure	Cagayan State University - Carig
	<b>Institution Development Program (IDP)</b>	
134	Establishment of ParSU – MTL (Microbiology Testing Laboratory)	Partido State University
135	Establishment of a Solid Free Form Fabrication Research Laboratory (SoFFReL)	Pangasinan State University
136	Center for Green Nanotechnology Innovations for Environmental Solutions (CGNIES)	University of Mindanao - Bolton
137	Establishment of the Additive Manufacturing Center for Industrial Ceramics (AMCeram)	Adamson University
138	Establishment and Operationalization of Integrated Research and Development Laboratory (IRDL) in Antique	University of Antique
139	Establishment of AI Research Center for Community Development (AIRCoDE)	Camarines Sur Polytechnic College
140	Establishment of IoT Research Laboratory and Training Center	University of Perpetual Help System DALTA - Molino
141	ESTABLISHMENT OF PnC DANGAL (Pamantasan ng Cabuyao Data Analytics, Network, Grid and Automation Laboratory)	Pamantasan ng Cabuyao
142	Towards the Establishment of the Pavement Research (PAVER) Laboratory in Jose Rizal Memorial State University	Jose Rizal Memorial State College

	<b>Project Title</b>	<b>Implementing Agency</b>
143	Establishment of Footwear Innovation and Technology (FIT) Research Laboratory at Marikina Polytechnic College	Marikina Polytechnic College
<b>Smart Food Value Chain Program</b>		
144	Development of Mobile Modular Food Processing Facility (MMFPF)	Industrial Technology Development Institute (ITDI)
145	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
146	Upgrading of the Vacuum-Fried Fruits and Vegetables Production in the Western Visayas Food Innovation Center	Guimaras State College
<b>Growth of an Island Arc (GAIA): Tectonic Consequences and Human Impacts</b>		
147	Project 1. Evolution of the Luzon Arc: From igneous to sedimentary processes (GAIA)	University of the Philippines Diliman
148	Project 2: Tectonic consequences of subduction in Northern Luzon (GAIA)	National Institute of Geological Sciences-University of the Philippines (UP-NIGS)
<b>Establishment of the Center for Research and Innovation in Biopolymers (CRIB)</b>		
149	Processing of Coconut Monoglycerides (CMG) into Functionalized Polyols for Industrial Polyurethane Applications	Mindanao State University - Iligan Institute of Technology
150	Development of a Local Cloud-Based Digital Apparel Prototyping Platform of the PTRI-Textile Product Development Center as a Response to the "Now Normal"	Philippine Textile Research Institute
<b>Establishment of the e-Trike Research and Development Center</b>		
151	Design, Development and Fabrication of the Different Parts and Assembly of e-Trike	Cagayan State University - Tuguegarao (Carig)
<b>Autonomous Societally Inspired Mission Oriented Vehicles (ASIMOV)</b>		
152	Robot for Optimized and Autonomous Mission-Enhancement Responses (ROAMER)	Advanced Science and Technology Institute

	<b>Project Title</b>	<b>Implementing Agency</b>
153	Harmonized Aerial Watch and Knowledge-based Survey (HAWKS)	University of the Philippines Mindanao
	<b>3D Philippines: 3D Visualization and Analysis of Surface and Sub-surface Data in the Philippines</b>	
154	Optimization of the GeoRiskPH Integrated System through Risk Assessments, Site Suitability Models and 3D Visualizations to Aid Policy and Decision-Making (3D Earth Risk)	Philippine Institute of Volcanology and Seismology
	<b>PROGRAM BOONDOCK: A Mountain Engineering Center Towards Sustainable Infrastructure and Upland Water Security</b>	
155	Slope Stability Analysis and Engineering Intervention for Rice Terraces and Road Infrastructures in Terrain Areas	Kalinga-Apayao State College-Main
156	Upland River and Spring Water Assessment and Management	University of the Cordilleras
157	Improving the Livelihood of MSMEs thru Cable Supported Water and Transport Infrastructure	Saint Louis University
	<b>Philippine Sky Artificial Intelligence (SkAI-Pinas)</b>	
158	Automated Labeling Machine - Large-Scale Initiative (ALaM-LSI)	University of the Philippines Mindanao
159	ASTI-Automated Labeling Machine (ASTI-ALaM)	Advanced Science and Technology Institute (ASTI)
	<b>Higher Education Institution Readiness for Innovation and Technopreneurship - Regional Startup Enablers for Ecosystem Development (HEIRIT - ReSEED)</b>	
160	Establishment of a Regional Startup Ecosystem Consortium in Southern Luzon	Batangas State University
161	Establishment of the Innovation and Development Accelerators Consortium for Startups in Davao Region (IDEAS- Davao Region)	University of the Philippines Mindanao
162	Unified Movement in Western Visayas to Accelerate Startup and SpinOff Development (UMWAD Western Visayas)	UP Diliman
163	Synergistic, Innovative and Agile Cagayan Valley (SINAG Cagayan Valley)	Cagayan State University

	<b>Project Title</b>	<b>Implementing Agency</b>
<b>Young Innovators Program (YIP)</b>		
164	3D Printed Waste Battery Rod Derived Exfoliated Graphite-Polymer Composites for Electronic Sensor Applications	Batangas State University
165	Innovating R&D through Simulation Driven Machine Design	Capiz State University - Burias Campus
166	GCAP: Evaluation of Mechanical and Ballistic Properties of Glazed Ceramic Armor Plates	Mindanao State University - Iligan Institute of Technology
167	Application of green silver nanoparticles for dye wastewater treatment	University of the Philippines Mindanao
168	BiDaLight (Bio-Derived Light): Spent Mushroom Substrate- (SMS) powered microbial fuel cells	Polytechnic University of the Philippines
169	Development of biocomposite materials from various agricultural wastes and fabrication of optimized small-scale production machine	Bataan Peninsula State University
170	Shock Electrodialysis Apparatus (S.E.A.)	Philippine Science High School
171	Fungal chitosan- based Microbeads: A Heavy Metal Soil-based biobSORBent	Philippine Science High School
<b>Providing Resources, Opportunities and Support for Project-based Personnel and Researchers (PROSPPER)</b>		
172	Activity-Based Modeling for Transport Last Mile Mobility and Decision Support System for COVID-19 Pandemic (ACTS)	University of the Philippines Los Baños
173	Economic and Life Cycle Analysis (LCA) of Single-use Plastic (SUP) in the Philippines	Industrial Technology Development Institute (ITDI)
174	Rapid Appraisal of the Status and Prospects of Rabbit Meat Industry in the Philippines	Philippine Council for Agriculture, Aquatic and Natural Resources Research and Development
175	Graph Query Language (GQL) –Based Geospatial Intelligence: A Novel Approach to Public Transport Data Modelling for Route	Capiz State University - Burias Campus
<b>Maritime Transport Program</b>		
176	Preliminary Technology verification of the prototype hybrid trimaran passenger and cargo vessel using multi-engine and alternative energy source from ocean waves	Aklan State University - New Washington

	Project Title	Implementing Agency
	<b>Human Resource Development Program (HRDP)</b>	
177	Development of Halal Compliant Restructured Goat Meat Products and Freeze-Dried Mango-Yogurt	Sultan Kudarat State University
178	Liveable City: Transitioning to Low Impact Development strategy to mitigate the impact of climate change-induced urban floods in the City of Balanga, Bataan	Bataan Peninsula State University - Main Campus
179	Development of a Water Quality Biological Monitoring Protocol using Genetic, Phylogenetic and Functional Diversity on Freshwater Zooplankton Communities in Inland Waters of Panay Island, Philippines	Batangas State University - Main
180	Basic Training Course on the Theory and Applications on Finite Element Analysis using MSC Software	FEATI University
181	DOST-HRDP Visiting Expert Program	DOST-PNRI
	<b>JST-UKRI-DOST 'Science, Technology and Action' Nexus for Development (STAND)</b>	
182	PlastiCount Pilipinas: counting and visualizing marine plastics pollution in the Philippines	University of the Philippines Diliman
183	Integrated network-based management for SEA coasts (InMSEA)	University of the Philippines Diliman
184	Resilient Education Information Infrastructure for the New Normal	Advanced Science and Technology Institute
185	Mathematical Resources for Distance Learning Utilizing Community LTE Networks and Television Frequencies	Ateneo de Manila University
	<b>Good Governance through Data Science and Decision Support System (GODDESS)</b>	
186	Development of Data Analytics and Information System: Support on Social Welfare Services for Senior Citizens of Butuan City	Father Saturnino Urios University
187	PhilRice Data Analytics Initiative - RiceLytics	Department of Agriculture - Philippine Rice Research Institute
188	Hundred Islands National Park Management System: Implementation of Smart Tourism	Pangasinan State University

	<b>Project Title</b>	<b>Implementing Agency</b>
189	e-4PsMap: A data analytics-driven Pantawid Pamilyang Pilipino Program (4Ps) outcomes monitoring, visualization, and dashboard system for the City of Digos	Asian Institute of Management
190	Social Service Analytics and Mission Planning System (SSAMPS) for Barangay Guadalupe Viejo, Makati	University of Mindanao - Bolton
<b>Climate-responsive Karst Management for Sustainable Tourism in the Philippines (PhilKarst Program)</b>		
191	Influence of surface and subsurface processes in karst degradation and its impacts on sustainable tourism	Department of Environment and Natural Resources - Mines and Geosciences Bureau
192	Integrated Characterization, Quantitative Assessment, and Statistical Modelling for geologic hazards in Karst landscapes in the Philippines: Input to Management Plans for sustainable tourism	Department of Environment and Natural Resources - Mines and Geosciences Bureau
<b>ADMATEL &amp; EPDC Research Grant Program 2019</b>		
193	Dual Drug Delivery of 5-FU and Curcumin in a Thermoresponsive Hydrogel-Nanoshere Composite for Colorectal Cancer Treatment	University of the Philippines (UP)
<b>Integrated Mapping, Monitoring, Modeling, and Management System for Manila Bay and Linked Systems (IM4ManilaBay)</b>		
194	Development of an Integrated Mapping, Monitoring, and Analytical Network System for Manila Bay and Linked Environments (MApABLE)	University of the Philippines Diliman
195	Integrated Waste Analysis, Survey and Technological Options (IWASTO)	University of the Philippines Diliman
<b>BATTERY: Broadening Accumulator Tenable Time Extends Rechargeability Years</b>		
196	TUNER: Transmissometry Using Nonlinear Electrode Response	Technological Institute of the Philippines
197	SOUNDER: Sonic Oscillations Unleashing Nonconductive Deposits on Electrode Reactors	Technological Institute of the Philippines

	<b>Project Title</b>	<b>Implementing Agency</b>
	<b>Comprehensive Water Resources Assessment and Management Plan for Nabaoy River Watershed and Boracay Island</b>	
198	Hydrological Characterization of Boracay Island's Groundwater System and Nabaoy Watershed using Isotope and Nuclear-based Analytical Techniques	Philippine Nuclear Research Institute
	<b>Transforming the Philippine MSMEs through Industry 4.0 Technologies</b>	
199	Establishment of Advanced Mechatronics, Robotics, and Industrial Automation Laboratory (AMERIAL) in Support of the Metals and Engineering Industry	Metals Industry Research and Development Center
	<b>Women-Helping-Women: Innovating Social Enterprises (WHWISE) - Customized Incubation Program for Women-Led Social Enterprises</b>	
200	Innovation thru Building and Leveraging Entrepreneurship Development, Networking and inclusive Community Engagement for WomEntrepreneurs (iBLEnDNICE 4WomEn)	Mindanao State University - Iligan Institute of Technology
201	Process and Product Optimization of Black Garlic used as Flavor Enhancer	Mariano Marcos State University - Main
202	Prototype Improvement and Market Validation of AtoANI i-CROP Platform (A Databased Recommendation Platform for a Produce-to-Demand Agriculture Model)	AtoANI
203	Optimizing the Production of Natural Products from the Philippine Cinnamon & other aromatic plants	Plantsville Health Products
204	EdukSine App and Streaming Website	PIRFS Multimedia Distribution Services
205	Calunasan Cacao Pod Husk w/ Rice Hulls based Fuel Briquetting	Ofamen Cacao Farm
	<b>DOST Halal REDI Tourism Program: DOST Halal Research Ecosystem for Development and Innovation (ReDI) Program in Support to the Philippine Tourism Industry</b>	
206	Development and Deployment of Halal Tourism Training Module and Halal Assurance Systems (HAS) to Secure Halal Compliance of Tourism Establishments	DOST Region XI

	<b>Project Title</b>	<b>Implementing Agency</b>
207	Establishment of Halal Assurance Management System and Halal-compliant Standardized Process for Spa Skincare Products for the Halal Tourism Industry	Industrial Technology Development Institute (ITDI)
<b>Smart Solutions to Urban Flooding</b>		
208	Project 1. Drainage Crawler/Probe Development for Drainage Inspection (DraCrawla) Project	Cebu Institute of Technology University
209	Project 2. City-Wide Urban (CURB) Flood Modeling Project	UP Cebu
210	Project 3. POSTE (Interconnected Poste Kits for Environmental Sensing) Project	University of San Carlos - Talamban Campus
<b>DOST-Newton Agham Institutional Link Grant</b>		
211	Utilising Marine Renewable Energy to Satisfy Community Energy Demands and Stimulate Socio-Economic Development within the Philippines	Mindanao State University - Iligan Institute of Technology
<b>Niche Center in the Regions (NICER) for R&amp;D Program for 2021 funding</b>		
212	ENVITECS: NanoSiliCage (NSC): Nanocaged silicate composite for treatment of wastewater from Valenzuela City plastic industries	University of the Philippines Diliman - College of Science - Material Science and Engineering Program
213	ENVITECS: Air SAVER: Air Purification using Sustainable Aluminosilicates for Valenzuela Environmental Remediation	University of the Philippines - Diliman, Department of Chemical Engineering
214	Production of Polyurethane-Modified Concrete (PMC) – Nanomaterial Composite from Crude Glycerol for Industrial Flooring System Application	Mindanao State University - Iligan Institute of Technology
215	“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
216	SMART WATER RESOURCES PLANNING AND MONITORING: Assessment, Design and Development of Water Resources Projects and Interventions	Isabela State University - Main

	Project Title	Implementing Agency
	<b>Niche Centers in the Regions for R&amp;D: Mindanao Renewable Energy R&amp;D Center (MREC)</b>	
217	Project 2. Design and Performance Evaluation of an Ocean Renewable Energy System	Ateneo de Davao University
218	Project 1. Design and Performance Evaluation of a Micro-Scale Concentrated Solar Power Technology	Ateneo de Davao University
	<b>Food Authenticity and Traceability using Isotope Techniques Program</b>	
219	Tracing the Geographic Origin of Philippine Carabao Mango Through Chemolsotopic Fingerprinting	Philippine Nuclear Research Institute
220	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
221	Adulteration Detection and Fingerprinting of Philippine Honey Using Stable Isotopes (Phase 2)	Philippine Nuclear Research Institute
	<b>Materials for Sustainable Construction and Recyclables Applied to Projects (M-SCRAP)</b>	
222	Development of Fiber-Reinforced Self-Compacting Concrete (SFRSCC) for corrosion reduction	Far Eastern University - East Asia College
223	Green Fiber-reinforced Polymer (FRP) Composites as an Innovative Repair System for Earthquake-prone Historical Buildings	De La Salle University - Manila
	<b>Value-Addition of Philippine Iron and Iron-rich Mineral Resources</b>	
224	Refining Laterite-based Crude Pig Iron for Specific Product Applications	Metals Industry Research and Development Center
225	Recovery of Scandium from Laterite-based Pig Iron Slag by Dry Digestion and Precipitation Methods	Department of Environment and Natural Resources - Mines and Geosciences Bureau
226	Technical Study on the Use of Synthesized Laterite-Iron Sand as Feed Material for Shaft Furnace Ironmaking Technology	Department of Environment and Natural Resources - Mines and Geosciences Bureau

	Project Title	Implementing Agency
	<b>Valorization of Coal Fly Ash: Resource Recovery of Critical and Strategic Elements, and Environmental Applications (VAL-CREE)</b>	
227	Recovery of Rare Earth Elements and Strategic Elements from Coal Fly Ash by Hydrometallurgical Techniques	Mindanao State University - Iligan Institute of Technology
	<b>DOST–Southeast Asia – Europe Joint Funding Program</b>	
228	Development and Institutionalization of DOST Foresight Framework and Protocol	Philippine Council for Agriculture, Aquatic and Natural Resources Research and Development
	<b>Diversification of Philippine Textiles through Nonwoven Innovations Program</b>	
229	Development of Nonwoven Finishing Technologies toward Alternative Leather	Philippine Textile Research Institute
230	Technical Non-Woven Lignocellulosic Fibers for the Automotive and Air Filtration Application	Philippine Textile Research Institute
231	CAPPS: Ceramic Armor Plates from Philippine Silicates for Philippine National Defense	Mindanao State University - Iligan Institute of Technology
232	Development of an AI-assisted Thunderstorm Early Warning System from Analysis of Doppler Radar Data	University of the Philippines Diliman
	<b>Establishment of Coastal Engineering and Management Research and Development Center (CEMRDC)</b>	
233	Enhancing Coastal Design and Infrastructure Intervention through the Establishment of Wave Testing Facility	Mariano Marcos State University
234	Assessment, Monitoring, and Prediction of Coastal Flooding of Selected Municipalities in Region I	Mariano Marcos State University
235	Nature-based Engineering Approach to Coastal Protection in Region 01	Don Mariano Marcos Memorial State University - North La Union Campus
236	Coastal erosion trends and management strategies for Region 1	University of the Philippines Diliman
	<b>Philippine Road Safety Initiatives (PROsafeti) Program</b>	
237	Motor Vehicle Inspection System with loaded emissions testing and smart features (MVISion)	De La Salle University - Manila
238	V2X Initiatives for Road Safety (VIROS) Road Safety V2X Initiatives (ROVE)	UP Diliman

	Project Title	Implementing Agency
	<b>Center for Advanced Materials for Clean Energy Technologies based on Indigenous Materials (CAMCET)</b>	
239	Fabrication of Nanostructured Silica-based Nanocomposite Membranes for Proton Exchange Membrane Fuel Cells (PEMFCs) Applications	Mapua University
240	Biomass-Derived Nanomaterials as Novel Electrocatalyst Components for Direct Ethanol Fuel Cells	University of Santo Tomas (UST)
241	Intelligent Structural Health Monitoring via Mesh of Tremor Sensors (meSHM)	De La Salle University
242	SpaceBetweenUs: A Computer Vision Application for Physical Distancing Monitoring in Public Areas	University of Science and Technology of Southern Philippines
	<b>Researchers on Industry, Energy Emerging Technologies - Opening Opportunities for Learning (RIEETOOL)</b>	
243	Upskilling the Pool of S&T Experts through Capability Building to Advance the Local 3D Printing Ecosystem (UPSCAL3D Ecosystem) - Pilot Implementation of AMCent Trainings	Metals Industry Research and Development Center
	<b>Regional Research Institution (RRI)</b>	
244	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
245	Advanced Electrode Materials for Energy Supply and Storage	Bicol State College of Applied Sciences and Technology
246	Establishment of Recycled Concrete Aggregates Laboratory (ReCoLab)	Ateneo de Naga University
	<b>Establishment of the ELECTROMOBILITY Research and Development Center</b>	
248	Viability Study of Conversion of Conventional Tricycle to e-Trike	Cagayan State University - Tuguegarao (Carig)

	<b>Project Title</b>	<b>Implementing Agency</b>
249	Valorisation of agri-food waste: ultrasound-assisted extraction of oils and polyphenols from spent coffee grounds and green bean rejects of Cordillera grown arabica coffee	UP Baguio
250	Chemical Synthesis and Characterization of Conducting Polymer/Metal Nanoparticles Composites, and Their Application as a Chemiresistive Gas Sensor Array for H <sub>2</sub> S and CO <sub>2</sub> (EDC Smart Sniffer)	University of Santo Tomas (UST)
251	MINERVA: Monitoring of INDicators for Efficient Redevelopment and Value Assessment	Asian Institute of Management
252	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 College of Fisheries
253	Extension of Shelf Life of Rice Meal in Microwaveable Container	University of the Philippines Diliman
254	Cost-effective technology for monitoring and quantifying benthic area covered by marine litter in shallow coastal areas	University of the Philippines Mindanao
255	Photonic Integrated Circuit (PIC)-based Linearized Optical Frequency Discriminator filter for 5G Applications	Ateneo de Manila University
256	"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
257	Recovery of Lithium and valuable metals from local spent Li-ion batteries: waste battery mining, repurposing and regeneration	University of the Philippines Diliman
	<b>The Hybrid Ferrite-Bimetallic (Hy-FIBE) process: An integrated approach for the sustainable manage</b>	
258	A novel technique for the recovery of valuable metals from AMD through bimetallic materials	Mindanao State University - Iligan Institute of Technology
259	Advanced Surface Coatings for Lightweight Alloys Used in Aerospace Applications	University of the Philippines Diliman

	<b>Project Title</b>	<b>Implementing Agency</b>
260	Designing High Entropy Alloy Surfaces for Catalytic Applications using Atomistic Calculations and Materials Informatics	University of the Philippines Los Baños
261	iJuanderer: An Augmented Reality-based Gamified Local Tourism and Cultural Heritage Promotion and Preservation	Philippine Science High School System
262	Fabrication of a Novel Material as Anode Electrode for High Power Generation Al-Air Battery	Polytechnic University of the Philippines
263	Extraction of Radionuclides,, Rare Earths,, and Other Valuable Industrial Elements from Phosphogypsum Tailings: Phase I	Philippine Nuclear Research Institute
264	Low-dose Uniform Neutron Irradiation System (LUNIS) - resubmitted	DOST-Philippine Nuclear Research Institute
265	Nickel Extraction from Philippine Nickel Laterite Deposits for Battery Grade raw Materials	University of the Philippines Diliman
266	AeroComp: Enhanced Lightweight Fiber-reinforced Composites Structures for Defense Applications	University of the Philippines Diliman
267	WVCIEERD Small R and D Project Title: Utilization of Banana Peel, Canistel Fruit and Brown Rice in the Development of Composite Flour	Iloilo Science and Technology University
268	Design Improvement and Sea Testing of a Remote-Controlled Weapons System (RCWS)	Metals Industry Research and Development Center
269	ADMATEL Expansion Towards Long Term Competitiveness and Sustainability – Phase 2 : ADMATEL Geared for PHL Industry 4.0 (ADEX2)	Polytechnic University of the Philippines
270	Prescriptive Navigation through Vision-based Traffic Monitoring for City of San Fernando, La Union	University of San Carlos - Talamban Campus
271	Pilot Study for Integrating Microgrid and Distributed Renewable Energy Sources for an Electric Cooperative	DOST Region XIII
272	Valorization of Mining Wastes by Green Nano-hydrometallurgy: Application of Green-mediated Leaching Process and Innovative Magnetic Nano-separations for the Recovery of (Precious) Metals	UP Diliman
273	Secured Command and Control Communication Link System (Unclassified Title)	Mindanao State University - Iligan Institute of Technology

	<b>Project Title</b>	<b>Implementing Agency</b>
274	BRAVE: Bomb Removal Automated Vehicle	Philippine Institute of Volcanology and Seismology
275	Road Infrastructure Design Evaluation and Reporting System (RIDERS)	University of the Philippines Los Baños - Department of Civil Engineering
276	Fabrication and characterization of plasma sprayed nanostructured TiO <sub>2</sub> -based coatings for photocatalytic applications	Mindanao State University - Iligan Institute of Technology
277	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
278	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
279	Design, development, demonstration and business planning of a FLExible Electric Van (FLEV) for logistics and passenger transport use	Father Saturnino Urios University
280	DRIVER.PH Drivers Roadworthiness Improvement Verification Education & Readiness for the Philippine logistics industry	Industrial Technology Development Institute (ITDI)
281	SUGPo: Sustainable mine waste management Using modified hydrothermal carbon from prawn shells, and Geochemical modelling of Pathways of contaminants from mine tailings	Mindanao State University - Iligan Institute of Technology
282	Handum: The Design, Implementation, and Analysis of a Digital/Mobile Game-based Learning Tool for Primary and Secondary Education	University of the Philippines Diliman
283	Establishment of Halal Assurance System for Selected Food Ingredients (Dried and Powdered Onion, Garlic, Black Pepper and Chili)	Industrial Technology Development Institute (ITDI)

	<b>Project Title</b>	<b>Implementing Agency</b>
284	Development of Food Reference Materials for Nutrition Labeling for Use of Local Testing Laboratories (Phase 3) Implementation of ISO 17034:2016 Quality Management System in the Development of Rice Flour Reference Materials	Food and Nutrition Research Institute
285	Integrated Flywheel Energy Storage Management System	De La Salle University
286	Eco-System Modeling and Material Transport Analysis for the Rehabilitation of Manila Bay (eSMART)	University of the Philippines Diliman
287	Development of Low Heat and Low Humidity (LH)2 Drying System for DOST Malnutrition Reduction Program (DOST-MRP) Facilities	Food and Nutrition Research Institute
288	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
289	Foamed and Innovative Biochar ingredients with Environmentally Recycled Plastic in Concrete (FIBER Plastic in Concrete)	De La Salle University
290	Support to the Issuance of Fairness Opinion Report for Technology Transfer Activities of the DOST-Generated Technologies thru the DOST Regional Offices (ROs) as Receiving	National Research Council of the Philippines (NRCP)
291	SCARP: Simulating Cascading Rainfall-triggered Landslides Hazards in the Philippines	UP Diliman
292	Development of Draft Standards and Recommended Code of Practice for Processing of Peanut Butter	Industrial Technology Development Institute (ITDI)
293	The PEEL-Good Project: Bench-scale Ultrasound-assisted Extraction of Pectin from 'Saba' Banana Peel Waste	Industrial Technology Development Institute (ITDI)

	<b>Project Title</b>	<b>Implementing Agency</b>
294	PROPOSED INSTALLATION OF AGT IN BPSU MAIN CAMPUS (AS LABORATORY FACILITY OF THE PROPOSED RAILWAY ENGINEERING PROGRAM AND EXISTING ENGINEERING PROGRAMS)	Philippine Council for Industry, Energy and Emerging Technology Research and Development (PCIEERD)
295	Blockchain-Based Novel System/Application for Transparent Traceability of Halal-and-Tayeb Cacao Products	Philippine Council for Industry, Energy and Emerging Technology Research and Development
296	Metal Oxide Hybrid Structured Barriers for Stable Energy Devices (SEA-EU)	De La Salle University (DLSU)
297	Determination of Appropriate Expansion Process of Perlite to Conform to Standards of Light Weight Aggregates for Use in Construction	University of the Philippines Diliman
298	Development of Halal Compliant Dehydrated Food Products from Selected Food Materials (Fruits, Vegetables and Rootcrops)	Industrial Technology Development Institute (ITDI)
299	Integration of Machine Learning Inference on Home Energy Storage System (HESS) to deliver long-term optimized self-consumption with low probability of power loss	Holy Angel University
300	Development of Column-Packed Adsorbent for Chrome Recovery from Tanning Wastewater	Philippine Nuclear Research Institute (PNRI)
301	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
302	Comparative Study Between Standard Methods and Philippine Made PM and CO Measuring Devices	Industrial Technology Development Institute (ITDI)

	<b>Project Title</b>	<b>Implementing Agency</b>
303	PECTIN-CARRAGEENAN MIXTURES: High Precision Characterization of Hydrogel Heterogeneity Properties with Optical Tweezers and FESEM Imaging	University of San Carlos - Talamban Campus
304	Complementing Conventional Techniques with Isotope Techniques to Detect Inorganic Fertilizer Application and Haram Ingredients in Food Production	Philippine Nuclear Research Institute
305	Nurturing Interest in STEM Among Filipino Learners Using Minecraft	Ateneo de Manila University
306	CARRAGEENAN RESEARCH & DEVELOPMENT LAB (CR&De-L): Developing Cold-Soluble Powders, Bioplastic Sheets, and Bioactive Hydrogels from Nano-Structured Carrageenans	University of San Carlos - Talamban Campus
307	Image Mapping of Energy Conversion Efficiency and Other Parameters Across Solar Cell Active Areas using Photoexcitation and Photothermal Effects	UP Cebu
308	Landslide Investigations on Geohazards for Timely Advisories in the Philippines (LIGTAS)	University of the Philippines Los Baños
309	Marine and onshore geophysical investigations of the Manila subduction zone	University of the Philippines Diliman
310	Pilot Testing of Packaging Technology Developed for frozen Durian using Locally Produced Packaging Materials	Industrial Technology Development Institute (ITDI)
311	Thermal Processing of Selected Materials Using Agitated-Type Retorts	Industrial Technology Development Institute (ITDI)
312	Synthetic Aperture Radar (SAR) and Automatic Identification System (AIS) for Innovative Terrestrial Monitoring and Maritime Surveillance	Advanced Science and Technology Institute
313	Knowledge Transfer to DOST Technical Staff: Catalyst to MSMEs' Gaining PQA for MSMEs	DOST Region IX
314	PROMT: Philippines Remediation of Mine Tailings (Large Grant)	Philippine Nuclear Research Institute

	<b>Project Title</b>	<b>Implementing Agency</b>
315	Rizal the Scientist Promotional Campaign	Science and Technology Information Institute
316	Development of a Smart Polymer Meta-Material for Wearable Biosensors	De La Salle University (DLSU)
317	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	Department of Science and Technology - Advanced Science and Technology Institute
318	Philippine Mining at the National to Catchment Scale: from Legacy Impacts to Sustainable Futures (Project PAMANA)	University of the Philippines Los Baños - School of Environmental Science and Management
319	A two-step neutralization ferrite process as active remediation technique for environmental treatment of AMD - resubmitted	De La Salle University - Manila
320	Development of high-resolution observation-based gridded sub-daily climate data for the Philippines (ClimGridPh)	Department of Science and Technology - Philippine Atmospheric, Geophysical and Astronomical Services Administration
321	Development of Prediction and Warning System on Sub-Seasonal Scale of Extreme Events Associated with Monsoon in the Philippines (Monsoon@Ph)	Department of Science and Technology - Philippine Atmospheric, Geophysical and Astronomical Services Administration
322	Science for the People: Towards a Harmonized Science Communication Framework	University of the Philippines Los Baños
323	Speciation and Isotopic Characterization of Mercury in Sediments in Honda Bay and Puerto Princesa Bay, Palawan	Philippine Nuclear Research Institute
324	Development of Framework and Materials for Distance and Remote Learning via Datacasting	De La Salle University
325	Sustainable BIM-Based Evaluation for Infrastructure Project Implementation	Mapua University

	<b>Project Title</b>	<b>Implementing Agency</b>
326	Exporter Incubation and Predictive Intelligence for Exporters – Improving the Capabilities of eCExport, an AI-powered export incubation platform for Filipino MSMEs	eCFulfill Inc.
327	Enhancement of Material Property of Lesstics Roofing Tile (Bio-based Insulation Polymer/Waste Single-Used Plastic Composite)	Lesstics Inc.
328	Technical Support and Evaluation of Hybrid Electric Train Operation	Metals Industry Research and Development Center
329	#MAGHANDA: Meteorological And Geological Hazard Advisories, Warning and Notifications for Decisive Action	Philippine Atmospheric, Geophysical and Astronomical Services Administration
330	Survey of Heatwaves in the Philippine Seas (SHIPS)	UP Cebu
331	Engineered smart concrete utilizing indigenous wastes for durable and intelligent infrastructure	University of Mindanao - Bolton
332	Study on the Suitability of Acrylonitrile Styrene Acrylate (ASA) as Material for a 3D-Printed Statue	Metals Industry Research and Development Center
333	Transforming R&D Outputs into Innovations through Technopreneurship and Customer Validation (TRANSDI)	DOST Region IV-B
334	Integrated Community-scale Textile Fiber Innovation Hubs in Northern Luzon	Philippine Textile Research Institute
335	SMART INK: Development of a 3D Printing Nano-Structured Carrageenan Hydrogel	University of San Carlos
336	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	Industrial Technology Development Institute (ITDI)
337	Design, Fabrication and Testing of Electrical and Electronic Systems of a Locally Developed E-Trike	University of the Philippines Diliman
338	Colorimetric and Performance Standardization of NatDyes Produced in Various NatDyes Hubs in the Philippines	Philippine Textile Research Institute

	<b>Project Title</b>	<b>Implementing Agency</b>
339	PAVE-Prototype Automated Visual Survey Equipment	University of the Philippines Diliman
340	A Link-Up of Geomatics and Social Science Research for the Development of Smart Cities (LUNGSOD) Project	University of the Philippines Diliman
341	Imahe Labs: An Educational Game for Chemistry in the Senior High School and Junior High School Sectors of Baguio City	University of the Cordilleras
342	Natural Fiber-based Technical Textiles for Smart Indoor Installations	Philippine Textile Research Institute
343	Natural Textiles as Innovative Formwork and Reinforcement for Freeform Concrete Structures	Philippine Textile Research Institute
344	Project CRUISE: A Capacitive Resistivity Underground Imaging Survey Equipment for Underground Utility Assessment of Philippine Infrastructures	De La Salle University
345	Developing the Capability of Micro- and Small-Scale Processors in the Manufacture of Quality Food Products from Philippine Cocoa Beans	Industrial Technology Development Institute (ITDI)
346	System for Optimized Routing for Transport (SORT)	De La Salle University
347	Safe, Efficient, and Sustainable Solar-Assisted Plug-In Electric Boat (Sessy E-Boat)	Mapua University
348	Progressive Advancement of Transportation networks through the Integration of vehicular Onboard Technologies with online platforms (ArangKaDATA)	University of the Philippines Diliman
349	Production and Improvement of Construction Materials using Bacterial Calcite Precipitation	University of the Philippines Diliman
350	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
351	Geotechnical Mapping of Metro Manila Subsoil (GEMMMS)	De La Salle University

	<b>Project Title</b>	<b>Implementing Agency</b>
352	Integrated Flood and Water Resources Management in ASEAN Basins for Sustainable Development	Isabela State University - Main
353	Development and Field Testing of Retort Foods as Food Ration for Men in Uniform during Combat and High Risk Operations	Industrial Technology Development Institute (ITDI)
354	Technical Support for DOST Regional Food Innovation Centers (rFICs)	Industrial Technology Development Institute (ITDI)
355	Development of Competency on Establishment and Validation of Adequate Processes for Thermally Processed Food	Industrial Technology Development Institute (ITDI)
356	Development of Artificial Groundwater Recharge Facility for Drought and Flooding Mitigation	DOST CAR
357	Production of Dietary Fiber using Sugarcane Bagasse from Raw Sugar Manufacturing	Industrial Technology Development Institute (ITDI)
358	AQUADRONE: UAV Assisted Deployment System for Water Quality Monitoring	University of Santo Tomas (UST)
359	"Waste to Wealth": Value-Adding Approaches to Transform Cacao ( <i>Theobroma cacao</i> L.) Pod Husk Towards Economic Development	Isabela State University - Main
360	Heterojunction of Graphene-based composites for Membrane Applications in Covid19 Pandemic Mitigation	University of the Philippines Diliman
361	Development of Multi-lingual Chatbot for Health Monitoring of Public School Children	De La Salle University
362	Development of a CNN and RNN topology for Impedance Spectroscopy Analysis	University of the Philippines Los Baños
363	Design and development of intelligent traffic control and management system	Caraga State University
364	Establishment of a Mold Technology Support Center (MTSC)	Metals Industry Research and Development Center
365	Leveling-up of Quezon's Bagsakan Center Agri-Processing Facilities through Adoption of the Smart Food Value Chain Framework	DOST IV-A

	<b>Project Title</b>	<b>Implementing Agency</b>
366	Commemoration of the 125th Anniversary of the Martyrdom of Jose Rizal	National Research Council of the Philippines
367	Development of biodegradable nanofiber filters as an active material for medical-grade facemasks	University of San Carlos - Talamban Campus
368	Optimization of the Operational Capabilities of Hydromet Sensors in Line with International Standards (WMO Standards) for Effective Weather, Flood Warning (CBFEWS) and Application to Research	Philippine Atmospheric, Geophysical and Astronomical Services Administration
369	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
370	Plant-Derived Biochar as Fabric-Based Electrode Materials for Supercapacitor Devices	University of Santo Tomas (UST)
371	Establishment of the PRR-1 Subcritical Assembly for Training, Education and Research (SATER)	Philippine Nuclear Research Institute
372	Innovation, Science and Technology for Accelerating Regional Technology-Based Development (iSTART)	DOST Region XIII
373	PROTex (Protective, Re-engineered, Occupational Technical Textiles) Research and Development: Establishment of the PTRI Medical Textile Testing Laboratory	Philippine Textile Research Institute
374	Port Capacity Analysis and Route Optimization for Local Maritime Administration	University of the Philippines Diliman
375	Customer Focused DARIUS II	DOST Region IV-A
376	Recycling and Recyclability Index of Public Utility Vehicles (PUVs)	University of Asia and the Pacific
377	Parallel Testing of the Traditional Gold Extraction Process versus CLINN-GEM Technology of UP-DOST Characterization of Tailings and Monitoring of the Gold-Copper Pilot Plant in Jose Panganiban, Camarines Norte	DOST Region V
378	Enhancement of Transportation Management Software (E-TraMS)	University of the Philippines Diliman
379	Sustainable Technology - Assisted Route Planning for Region VI (STARPLAN VI)	De La Salle University
380	Design of Highly Active Kapok Fiber Electrodes for Energy Applications	University of the Philippines Diliman

	<b>Project Title</b>	<b>Implementing Agency</b>
381	Philippine Groundwater Outlook (PhiGO)	Ateneo de Manila University
382	Kapok fibers absorbent with customizable hydrophobicity /hydrophilicity for oily water and wastewater treatment	University of the Philippines Diliman
383	Development of Food Safety Guidelines for the Food Service Sectors	Food and Nutrition Research and Development
384	Investigation and numerical modelling of Philippine tsunamis based on historical, geomorphological and geological evidence of past earthquakes	University of the Philippines Diliman

**List of Completed Projects with Published Paper and/or Filed/Approved Patent  
(2019 - 2021)**

	<b>Project Title</b>
1	Enhancing the Natural Science Research Center Laboratories of Central Mindanao University
2	Establishment of a Pampanga State Agricultural University (PSAU) Bio-energy Laboratory
3	Establishment of Renewable Energy Laboratory and Demonstration Park
4	Project 3. Extraction, Characterization, and Application of Natural Colorants in Nutritional Food Products
5	Water - Energy - Nutrient Nexus in the Cities of the Future
6	Regional Disaster Science and Management S&T Capacity Development (Phase III)
7	Specific Earthquake Ground-Motion to help Enhance the Seismic Resiliency of Residential and Medium-to-High Rise Buildings in Metro Cebu and Metro Davao
8	Metro Manila Transportation Network: Big Data Analytics and Applications (MMTN:BDAA)
9	Binary Gels-Rheology of Two-Component Biopolymer Hydrogels Investigated Using Optical Tweezers and Non-Linear Rheometry
10	Optical Trap-Mediated Interaction Between Cancer Cells and Elucidated Compounds from Vegetable Extracts in PEMF (Pulsed Electromagnetic Field) Background Energy
11	Ultrafast MBE-Grown Terahertz Photoconductive Antenna Devices
12	Innovation And Technopreneurship Hub (ITech) (Caraga TBI)
13	Enhancement of Prototype and Assessment of Product Marketability of Machibox (A Robotics Kit for Stem-Based Learning)
14	Rurok Bikes: Variable Geometry And Efficient Suspension Pedalling Platform
15	Development of Geographic Information System (GIS) Innovation Laboratory
16	Project 1: Geo-SAFER Zamboanga Peninsula: Systematic Assessment of Flood Effects and Risks in the Zamboanga Peninsula, Mindanao, Philippines
17	Project 2: Geo-SAFER Northern Mindanao/ Cotabato: Systematic Assessment of Flood Effects and Risks in Northern Mindanao And Cotabato, Philippines
18	Project 3: Geo-SAFER Agusan: Systematic Assessment of Flood Effects and Risks in the Agusan River Basin, Caraga Region, Mindanao, Philippines
19	Project 5: Geo-SAFER Southeastern Mindanao: Systematic Assessment of Flood Effects and Risks in Southeastern Mindanao
20	One Click: Android/Web-based Student Response and Understanding Visualizer
21	Fringe-area Data Access by Transient Altitude Provision
22	Techno - Economic Feasibility Study of Micro-Grid in A Remote Community
23	Development, Standardization, and Characterization Studies of Tupig, Bukayo, and Bibingka-Region 1 Native Delicacies
24	Project 1. Monitoring and Assessment of Planting Activities and other Applications (MAPA2)
25	Project 2. Remote Assessment for Irrigation Networks (RAIN)
26	Project 1. Investigating the Tectonic Evolution of Northern and Central Philippine Arcs through Geochemistry and Geophysics

	<b>Project Title</b>
27	Project 2. Coastal Tectonics of Central Philippine Islands and Its Implications for Seismic Hazards
28	Project 3. Geophysical Characterization of the Western Philippine Subduction Zones
29	Upgrading and Enhancing the Capacity of the Packaging Technology Division in Packaging Research and Innovation
30	Project 1. Typhoon Formation, Structure and Intensity Change in Western NP and Wave Observation and Modeling
31	Project 2. Heavy Rain Monitoring and Forecasting in the Mountainous Area and Early Warning Landslides
32	Project 3. Observations and Dynamical Downscaling of Seasonal and Sub-seasonal Forecasts
33	Tracing the Pathways of Mercury Concentration in Mined-Out Area
34	Promoting Innovative Philippine Nuclear Science and Technology Applications at the International Atomic Energy Agency (IAEA) General Conference Exhibition and IAEA General Conference Side Events/ Symposia
35	Production of NanoCellulose Crystals: Powder, Advanced and Derivative Products for Various Industry Applications
36	PUP College of Engineering Sensors and Mechatronics Laboratory
37	Project 1. Commercial Scale Verification Of Natural Dyes For Textiles
38	Standards And Testing Automated Modular Platform (STAMP)
39	Development of a Raman Microscopy and Spectroscopy (RMS) Setup
40	Establishment of a Plasma Physics Laboratory for Materials Processing Applications
41	Comparison of Different Enzyme Preparations for the Production of Oligofructose and Inulin from Sugarcane Juice
42	Development of Ready-to-Eat Corn Grit Meals
43	Cyber-physical Transportation System
44	Recycling and Recyclability Index for End-of-Life Jeepneys
45	Development of Bottom Housing System for Abalone Farming
46	Development of Food and Non-Food Products from Abalone
47	Development of Freeze-Dried Local Alternative Flavors for Ice Cream
48	Pilot Implementation of ITDI's Pre-Commercialization Tools/ Strategies for Effective Transfer and Commercialization of Generated Technologies and Intellectual Properties
49	Product Development and Commercialization of Iqube Home Kit
50	Establishment of the Technology Management System and Structure of the Ateneo De Manila University
51	Development of Gourmet Salt Products and Micro-sized Salt in Laboratory Scale
52	Project 6: Suitability Models for Guiding Mangrove Replanting Efforts (SUITMAPS)
53	Project 8: Multi Agent Systems for Simulating Policy Scenarios on Blue Carbon Ecosystems (BLUEMASSPOLIS)
54	Project 1: Design and Fabrication of an Airframe for Medium-Range, Short Take Off and Landing UAV
55	Project 2: Development of a Flight Controller for a Modular UAV

	<b>Project Title</b>
56	Project 3: Cooperative UAV Missions and Applications with Custom Communications and Imaging Capabilities
57	Design and Improvement of Gong Fabrication Processes Through S&T Intervention
58	Design and Development of a PLC-Based High Capacity Tissue Culture Growth Chamber
59	Development and Social Media Reading Tool for Filipinos
60	Beta Testing of Biotechnology Kits for Stem Education
61	Development of Data Analytics, Big Data, and Artificial Intelligence to Build A Smart Restaurant Management Platform
62	Enhancement of K-12 Grading System Towards Intelligent Computing Environment through Wela School Innovation (Responsive Monitoring System For Educational Institution)
63	Development of Earthquake Intensity Monitoring System
64	Project 1. Microsatellite BUS Development for Philippine Microsat
65	Monitoring and Evaluation of Batch II Complementary Food Technology Adoptors
66	Enhancement of Prototype and Market Readiness of R-TAP (an advanced pressure management system for water utilities)
67	Doubling The Reach through Information, Education and Communication (IEC) Campaign
68	Enhanced S&T Experience using Leading-Edge Learning Additions and Realities (STELLAR)
69	Strengthening the Core
70	Project 1. Production of Nutritional Food Products for Conflict Stricken Areas
71	Project 2. Implementation of GarNESupp (Gardening, Nutrition Education, Supplementary Feeding) Model in Conflict-stricken area (Marawi)
72	Portable Potable Water Equipment for Disasters and Emergencies (PWEDE)
73	Establishment of Spray Drying Technology and Equipment for the Regional FICs (Batch 2)
74	Tabang MARAWI (Malnutrition Alleviation and Health Restoration through After-War Interventions)
75	Field Testing and Technology Validation of the E-Procurement System (ePS) for Government Agencies
76	Summer Training Camp for High School Students on Genomics and Bioinformatics at the Philippine Genome Center
77	Fabrication and Performance Evaluation of Abaca Fiber-Reinforced Composites for Boat Application
78	Establishment of a Plasma Laboratory for Materials Processing Applications
79	Universal Sensing Meter for Instruction & Laboratory Experiments (U-SMiLE)
80	Quick Response on the Production of Re-wear (Re-usable, Washable and Re-wearable) Face Masks Made Smart
81	A COVID-19 Initiative: Development of Sixty-six (66) units of Specimen Collection Booth and Conduct of Testing and Data Gathering in Selected Areas
82	Competency Building on Halal-HACCP and Its Prerequisite Programs for Personnel of Food Service and Manufacturing Industries

	<b>Project Title</b>
83	Technology Enhancement and Commercialization of Exora Intellex as an Energy Analytics Machine Learning Platform for Industrial Smart Energy Management and Electricity Cost Reduction
84	CRADLE: Fermentation and Purification Research to Produce Food Grade, Pharmaceutical-Grade, and Polymer-Grade Lactic Acid
85	HEIRIT: Establishment of the TBI Center at Miriam College - Henry Sy, Sr. Innovation Center
86	IMPACT: Assistance in the Commercialization of DOST Funded Technologies in De La Salle University
87	FASTRAC: Technology and market Validation of Universal Structural Health Evaluation and Recording (USHER) System
88	Maritime Transport Information System (MARIS)
89	TITAN: Vision-based Traffic Information & Analysis
90	Product Design, Technological Validation, and Field Scale Testing of StillFresh: Spoilage-Monitoring Strip
91	CRADLE:CENMACO/ITDI - Post-Treatment of Food Processing Wastewater Effluent for Nutrient Removal
92	TBI 4.0: Mindanao Scale Up Program for DOST-iDEYA TBI
93	IMBUE: Training and Internship Program for Increased Local Bioinformatics Utility and Expertise
94	BCIEERD:MPCF - Development of a Wastewater Filtration System Using Indigenous Materials
95	Self-Healing Materials Based on Cyclodextrin and Ferrocene Self-Assembly towards the Formulation of Coatings
96	Development of a System that Can Determine and Classify the Layout Correctness of Integrated Circuit Layout Blocks using Machine Learning
97	CRADLE: Development of a Design Guideline Using Finite Element Analysis (FEA) for Semiconductor Packages
98	Field and Market Testing of ILAWA: Renewable Power Generation Using Recycled Anodic Material for Small Fishing/Touring Vessels
99	Establishment of an Additive Manufacturing Research Laboratory
100	Development of Error Resilient Joint Source-Channel Video Transmission System for High Efficiency Video Coding (HEVC) Standards over Wireless Channel
101	Enhancing Man-Machine Interaction through Intelligent Conversational Agents
102	Acquisition of Laboratory Equipment in Support of the Facility for Nanotechnology R and D in Central Luzon State University
103	Project Marayum - A Community-built, Mobile Phone Based, Online Web Dictionary for Philippine Languages
104	FASTRAC: CATCH-ALL Vision-Based Artificial Intelligence Analytics Software Development for Traffic and transport Applications
105	DOST-JSPS: Development of Novel Materials as Emitters and Detectors for (Sub)-Terahertz Time-Domain Spectroscopy Carrier Dynamic Studies
106	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
107	Development of a Philippine Indigenous Instrument Sounds Database

	<b>Project Title</b>
108	Development of an Alternative Credit Scoring Model applying Machine Learning in Financing Farmers
109	Development, Standardization, and Characterization Studies of Tupig, Bukayo, and Bibingka - Region I Native Delicacies
110	MECO-TECO : MCWQM: Multi-platform and Cross-sensor Water Quality Monitoring
111	Electromagnetic Radar Technique For Water Detection
112	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
113	Remote Sensing and Data Science (DATOS) Help Desk
114	WATSUP_Enhancing the applicability of Vertical Helophyte Filter Systems (VHFS) for Small Communities, Local MSMEs and Public Entity
115	Improvement of Tunnel-type Poultry Farm Yield and Efficiency with an Expert System Aided Interventions
116	Prototype Development of Severe Weather Amphibious Navigator Using Local Abaca Composites
117	Fire Check: Urban Fire Hazard Mapping and Fire Spread Modeling
118	Electrochemical and Quantum Mechanical Investigation of Various Small Molecule Organic Compounds as Corrosion Inhibitors in Mild Steel
119	Sustainable Wastewater Treatment Systems with Nutrient (SWAN) Recovery
120	Hard Coating Thin Film Synthesis Using DC and RF Magnetron Sputtering via Gaseous Discharges Project 2: Development of Radio Frequency (RF) Plasma System for Ti-Al-N Thin Film Synthesis
121	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
122	Development of a Passive Neutron Spectrometry System (PNSS)
123	Detection of Adulteration in Philippine Honey using Carbon-13 Isotope Analysis
124	Mapping of active offshore faults for resilient coasts
125	Prototype Development and Field Testing of Mosquito-Repellent Textile Products
126	Pilot Scale Production of Nickel Pig Iron
127	Microbial Source Tracking in Selected Tributaries of Laguna de Bay
128	Geospatial Assessment and Modelling of Urban Heat Islands in Philippine Cities (GUHeat)
129	Angular Goos-Hanchen Shift: An Optical Phenomena for Ultra Thin Film Thickness Measurement
130	Establishment of PTRI Perfect Fit Textile Product Development Center (Old Title: Establishment of PTRI as the Central Institute for Textile Product Development)
131	Antibiotics,, Endocrine Disruptors and Heavy Metals in Laguna Lake Water: Impacts on Food and Water Security
132	Trace Organics and Metals in Commodity Fish: Method Optimization,, Extent of Contamination and Health Risk Due to Fish Intake
133	Pilot-Scale Production of Spray-Dried Powder Dextran and High Fructose Syrup using Whole Cell (Leuconostoc mesenteroides isolates) ITDI Fermentation Technology

	Project Title
134	INNOHUB: Modular Innovation Center for Oils,, Blends and Sauces
135	Indoor Light Energy Harvesting for Wireless Sensor Network Applications
136	Ionic Liquid-Assisted Electrospinning of Conductive Nanofibers as Solid Polymer Electrolyte/ Separator Membrane of Solid State Supercapacitor
137	Fabrication of Highly C-axis Oriented YBCO Superconducting Thin Films by Sedimentation Deposition
138	Android Development Training for Groundwater Research Network Data on Habitat Hydrology Observations – Philippines (GRNDH2O.ph) Personnel
139	Synthesis of nanocellulose from durian rinds for the preparation of a self- healing smart concrete with augmented mechanical properties
140	LaBioRem: Landfill Bioremediation through Biodegradative activities of Pleurotus ostreatus (Oyster Mushroom) to High Density Polyethylene (HDPE) and other biodegradable polymers
141	Hg and Pb Detection Kit Utilizing D-Limonene from Sweet Orange (Citrus sinensis) Peelings
142	PROJECT LINGAP LANGHAP: Low-cost 3D Printed Air Purifier System using Agricultural Waste- Based Activated Carbon Filter
143	iTrashBin (Intelligent Trash Bin) Internet-of-Things Trash Bin for Quarantine and Isolation Facilities
144	Fungal chitosan- based Microbeads: A Heavy Metal Soil-based biobSORBENT
145	SPHERE: An Ultrawideband Technology based Innovation for Search and Rescue Operations in the Philippines
146	Promotion of Modular Multi-Industry Innovation Center (MMIC) under the Modular Multi-Industry Innovation Center for Oils, Blends and Sauces Project
147	Developing a Sustainable pathway for the Philippine Nickel sector (SusNi)
148	Philippine mining at the national to catchment scale: from legacy impacts to sustainable futures
149	SAGES: Systems Approach for Greener, Eco-efficient and Sustainable mineral resource management
150	Philippine Meteorological Society Annual Convention 2021
151	Dagupan City Garbage Monitoring System
152	Development of Urdaneta City Bagsakan Market Tariff Information Systems
153	ADMATEL Expansion Towards Long Term Competitiveness and Sustainability – Phase 2 : ADMATEL Geared for PHL Industry 4.0 (ADEX2)
154	Optimization of Decision Support System for Effective e-Governance (ODeSSEE) on Preemptive Evacuation for Flood Disaster amidst Covid-19 in Cagayan Valley
155	IMPACT: Enhancement of Intellectual Property and Technology Transfer Processes in MSU-IIT
156	Printed Electronic Devices for the New Normal: Temperature Sensor Patch, Electrochemical Sensor Array Patch for Face Masks and Air Circulators, and Antiviral Nanotech for Air Circulator Filters
157	Pilot Study for Integrating Microgrid and Distributed Renewable Energy Sources for an Electric Cooperative
158	Port Capacity Analysis and Route Optimization for Local Maritime Administration
159	Helmet-Integrated Medium-Range IR Thermal Scanner

	<b>Project Title</b>
160	DETERMINATION OF OPTIMAL PLACEMENT OF ELECTRIC VEHICLE CHARGING STATIONS IN A LOCAL PUBLIC
161	Testing, Calibration, and Fabrication of NeuronVent System
162	Nanocellulose Self-Disinfecting (NACS) Filter: R & D Validation of an Innovative Low-Cost Nanotech-based Face Masks
163	Impact Assessment of Vigormin Technology
164	Integration of Machine Learning Inference on Home Energy Storage System (HESS) to deliver long-term optimized self-consumption with low probability of power loss
165	Photoluminescent metal nanocluster to detect, disinfect, and suppress the spread of coronavirus and other microorganisms
166	"Waste to Wealth": Value-Adding Approaches to Transform Cacao ( <i>Theobroma cacao</i> L.) Pod Husk Towards Economic Development
167	Design, Development, and Testing of 10 units of Low-cost Ventilators based on DOST-PCIEERD specifications
168	PILOT-TESTING AND DEPLOYMENT OF A POST COMMUNITY QUARANTINE (CQ) HEALTH MONITORING AND CONTACT-TRACING ONLINE SYSTEM FOR THE IT-BPM SECTOR
169	PILOT TESTING AND DEPLOYMENT OF AUTOMATED QUARANTINE CONTROL CHECKPOINT MECHANISM IN SUPPORT OF NATIONAL COVID-19 INITIATIVES
170	Optimal Locations and Allocation of Personnel (OLAP) at Checkpoints during the Coronavirus Lockdown in Metro Manila and other Regions
171	Design and Performance Evaluation of an Ocean Renewable Energy System
172	MBCO_Development of a Compact Wastewater Treatment System for Restaurants discharging to Manila Bay Area
173	MBCO_FIELD TESTING OF MODULAR ECO-FRIENDLY DOMESTIC WASTE WATER (MEDoWW) MANAGEMENT FOR SMEs: Lodging Inns, Transient Housetels, Budget-Hotels and Commercial Establishments
174	Development of Inkjet CMYK Digital Printing Inks from Philippine Natural Dyes
175	CRADLE:RSU/FPRDI - Development of Wastewater Treatment Equipment for Wet-Type Finishing Spray Booth
176	PATURO: Platform for Assessment and Tracking of Urbanization-Related Opportunities
177	Management of Dredged Materials: Characterization, Treatment, and Disposal (CharTeD DreaM)
178	Non-Intrusive Sensor-based Prescriptive Maintenance Platform for Wire Manufacturing Factory
179	Establishment of Robotics and Intelligent Systems Laboratory
180	Coastal Sea Level Rise in the Philippines (CSLR)
181	HEIRIT: UMasenso: Establishment of University of Mindanao Technology Business Incubation Facility and Services for Environmental Solutions
182	ZEOSKIN: A Green Indoor Air Filter
183	X-LIPAD: Light Intelligent Platform for Autonomous Drones
184	Application of Radiation Techniques in the Geochemical Characterization of Cobalt and other Valuable Metals in the Selected Metallic Deposits

	<b>Project Title</b>
185	Curriculum Development and Offering on Halal Science and Scholarship for SUC Faculty on Halal Science
186	HEIRIT: AgiLab: Establishment of USeP Technology Business Incubation Facility and Services for Internet of Things (IoT) Industrial Technology and Systems Application Development
187	CRADLE: Design and Development of a Mechanical Garlic and Cashew Chipper
188	Development of Low Heat and Low Humidity (LH)2 Drying System for DOST Malnutrition Reduction Program (DOST-MRP) Facilities
189	Project 2 : GEOLOGICAL, CHEMICAL AND PHYSICAL EVALUATION OF CONCRETE RAW MATERIALS USED IN CRITICAL PHILIPPINE INFRASTRUCTURES
190	Strengthening of Industry Strategic Science and Technology Plan (ISP) Information System for Improved R&D Management
191	Rapid Market Appraisal for Underutilized Fruits (Guava, Soursop, Sugar Apple, and Tamarind) in the Philippines
192	DOST-JSPS 2019: Radiation damage investigations on functional materials: Material development, analysis, and informatics
193	FASTRAC: MAPX: Manage Assets and Properties and Map for Visualization
194	HEIRIT: Support for the Establishment of TBI in Holy Angel University (HAU)
195	HEIRIT: Establishment of TBI Center for the University the Cordilleras
196	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-Guimaras, Cauayan City, Butuan City and Mati City
197	TBI 4.0: Technology Business Incubator 4.0 for Region 4
198	TBI 4.0: DOST-S.I.B.O.L. 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)
199	Characterization and Resource Estimation of Valuable Rare Earth Elements (REEs) and Natural Radionuclides in the Philippine Coal and Feldspar Deposits
200	Development of Emulsified Meat Products (Sausage, Nuggets, and Burgers)
201	Project BUHAWI (Automated Gun Mount for Browning 0.50 Caliber Machine Gun, M2, Heavy Barrel)
202	Center for Astronomy Research and Development: Astronomical Near-Earth Observation Light Pollution (ANEO-LiPo) Program
203	VCO Project 5. Water Activity and Percent Moisture: Effect on VCO Stability
204	VCO Project 4. Assessment of VCO Production: GMP and HACCP
205	VCO Project 3. Investigation of Factors Affecting the Sensory Properties and Acceptability of VCO
206	VCO Project 2. Investigation of the Microbiological Factors which Affect the Quality of VCO
207	VCO Project 1. Physico-chemical Factors which Affect the Quality of VCO
208	CRADLE: Enhancement and Market Validation of Plasma Enhanced Chemical Vapor Deposition industrial Prototype for Nitride-Based Coatings

	Project Title
209	Development of Chicken Egg White Powder and Granules from Low Value Edible Shell Eggs
210	Project 2: Nanostructured Scaffolds from Natural Fibers as Platforms for Stem Cell Growth and Differentiation
211	[Philippines] Catchment susceptibility to hydrometeorological events: sediment flux and geomorphic change as drivers of flood risk in the Philippines
212	Philippine Groundwater Outlook (PhiGO)
213	Project 4. Recycling of silt and spent residue from reprocessing as raw materials for geopolymer composite
214	Project 3. Recovery of nanominerals from silt for various ceramic applications
215	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
216	Geospatial Information Management & Analysis Project for Hazards & Risk Assessment in the Philippines (GeoriskPH)
217	From Pest to a Valued Commodity: Black-Chin Tilapia ( <i>Sarotherodon melanotheron</i> ) for the Development of Surimi-Based Products Processing
218	Enhanced Severe Wind Vulnerability Curves of Key Building Types in the Philippines
219	Project 3. E-trike Deployment and Utilization Study
220	Project 2 : Fish Oil, Proteases and Protein Hydrolysate from By-products of Fish Processing
221	Project 1 : Collagen and Gelatin from By-products of Fish Processing Industry
222	Project 1 : AdVICE: Ad-hoc Vehicle Infrastructure Cooperative Environment
223	Project 2 : EmoCION: Electric Mobility and Charing Infrastructure Operating as a Network
224	Value-Added Product from Fruit Processing Wastes: Acetic Acid for Potential Industrial Application
225	Project 4 : Development of Prototype Design and Standardization of Instrument Making Process for Nontraditional Bamboo Instruments using Select Philippine Bamboo Species
226	Environmental, Health and Safety Research in the Risk Assessment of Nanomaterials (Phase 1)
227	Assessing the Contribution of Food Banking Systems in Addressing Food Security
228	MICAB CAB HAILING BIG DATA ANALYTICS ENGINE
229	Development of Regional Halal Native Delicacies
230	Establishment of Halal Assurance System for Processing Selected Banan Products (Banana Chips, Banana Catsup, and Frozen "Saba" Banana)
231	Development of Grading System for Adoption of Food Establishments in the Philippines
232	Prevalence of Heavy Metals and Pesticide Residues in Milled White Rice and White Corn Grits in the Philippines
233	Prevalence of Mycotoxin in Rice and Corn in the Philippines
234	Establishment of a niche center on environmental informatics in Central Visayas
235	Exposure Data Development and Severe Wind Risk Assessment for Cebu City

	<b>Project Title</b>
236	Severe Wind Hazard Mapping for the Philippines and Cebu City
237	Providing High Resolution (5km) Climate Change Projections in the Philippines using Weather Research and Forecasting (WRF)
238	CRADLE 2017: PISOLAR: Payment Innovation for SHS Ownership by Lay Away Routine
239	Development of Chitosan Film from Sardine Fish Scales
240	MECO -TECO: Development of Titanium Dioxide Films and its Derivatives for Semiconductor Mediated Photocatalytic Treatment of Water
241	Utilization of Spent Tea Leaves and Tobacco Dust as Additives for Plywood Adhesive
242	Establishing an Environment-Friendly Chromium Plating Process using New Generation Ionic Liquids
243	Development of a hybrid trimaran fast craft passenger cargo vessel using multi engine and alternative energy source from ocean waves
244	Rubbers and Waste Plastics as Reinforcement Additives for Asphalt Binder-based Pavement Infrastructures
245	Project 1: Utilization of Nickel Laterite Ore rock (low grade) for various applications: Acid Mine Drainage treatment and Carbon Sequestration
246	Fabrication of Metal Oxide Thin films for Optical Coatings with Plasma Assisted Deposition Using a Plasma Enhanced Chemical Vapor Deposition (PECVD) System
247	The Use of Radon Technique in Mapping Geological Faults in the Philippines
248	Development of a Local Automatic Identification System (AIS) for Ship Tracking and Monitoring
249	Project 4: Ex-Situ Conservation through Micropropagation and Cryopreservation of Native Plant Species
250	Project 3: Establishment of Soilless Culture Technology for Urban Food Production
251	Project 2: Sensor-based Monitoring and Analytics for Smart Hydroponics (SMASH)
252	Project 1: Standalone Urban Farm
253	Establishing a 25-kW Waste-to-Energy Facility Using a Direct Combustion Process for Municipal Solid Waste
254	Polyols Project 2. Development of Polyurethane-based Packing Materials and Anti-corrosive Coatings from Vegetable Oil
255	Project 1. Production of Bio-based Polyols from Lignocellulosic Biomass
256	Detecting Tropical Cyclones in a Downscaled Regional Climate Model for CORDEX-SEA
257	Multitemporal and Extremes Analysis of Modeled Climatology over the Philippines in the SEA Cordex Domain
258	Analysis of the influence of sea surface temperature representation in downscaled regional climate using the SEACLID/CORDEX-Southeast Asia simulation
259	Polyhydroxyalkanoate (PHA) Production from Agricultural Wastes
260	Support to the Commercialization of 500 DOST Generated Technologies and Strengthening the Country's Intellectual Property and Technology Portfolios (Phase 3)