

INDUSTRIAL TECHNOLOGY DEVELOPMENT INSTITUTE

Completed Programs and Projects

As of Q4 2020

Division/ No.	Project ID / Project Title	Duration			Project Leader
		Start	Completion Date		
			Original	Revised	
CHEMICALS AND ENERGY DIVISION					
1	RDA-CED-2017-01A I-SALT: Improving Productivity and Efficiency of Local Salt Producers Towards a Self-Reliant Philippines in 2020 Project 1 : Design, Prototyping of Salt Processing Equipment (Washer, Dryer, Iodizer, Crystallizing Pan, Furnace, Concentrator (ion-exchange membrane)	1-Jul-2017	30-Jun-2019	29-Feb-2020	OC Evangelista
2	RDA-CED-2020-01 Modular Innovation Center for Oils, Blends and Sauces (Y3)	1-Jan-2019	31-Dec-2019	31-Dec-20	AV Briones
3	RDA-CED-2019-01 Establishment of Plastic Waste Pyrolysis System along Esteros for the Rehabilitation of Manila Bay	1-Oct-2019	28-Feb-2020	31-Jul-2020	AVO Bawagan
ENVIRONMENT AND BIOTECHNOLOGY DIVISION					
4	RDR-EBD-2020-02 Utilization of Chicken eggshell wastes as biomaterial for hydroxyapatite synthesis	1-Jan-2020	31-Dec-2020		EG Panerio
5	RDA-EBD-2019-01 Post-treatment of food processing wastewater effluent for nutrient removal	22-Jan-2019	21-Jan-2020	31-Oct-20	RL Esguerra
6	RDA-EBD-2019-02 Strengthening the Municipal Solid Waste Management Program: A Guide on Preparation of Waste Analysis and Characterization Study (WACS) Plan for the National Capital Region Local Government Units	1-Sep-2019	1-Jun-2020	31-Dec-2020	ML Tansengco
7	RDA-EBD-2019-03 Pilot-Scale Biogas Production of Biodegradable Solid Waste for Muntinlupa City	1-Oct-2019	1-Oct-2020		DL Herrera
8	RDA-EBD-2017-04 Pilot Scale Production of Spray-Dried Dextran and High Fructose Syrup using Whole Cell (<i>Leuconostoc mesenteroids</i> isolates) ITDI Fermentation Technology	6-Nov-2017	4-Nov-2018	5-Nov-2020	UG Bigol
FOOD PROCESSING DIVISION					
9	RDR-FPD-2019-04 Exploratory studies on: Study 2: Chocolate Confectionery	1-Jan-2019	1-Dec-2019	31-Mar-2020	MDL Villaseñor
10	RDR-FPD-2019-07 Development of Shelf-Stable Food Products as Ready Food Reserve (GAD Project)	1-Jan-2020	30-Sept-2020	31-Dec-2020	MDL Villaseñor
11	RDR-FPD-2020-02 Characterization of Philippine Banana Cultivars for Food Processing Application	1-Jan-2020	30-Sep-2020	31-Dec-2020	MEM Falco
12	RDA-FPD-2017-01 Natural Food Colors from Local Source as Food Additive (Proj. 4: Natural Dyes and Colorants R&D Program)	15-Mar-2017	14-Mar-2018	30-Jun-2020	MDL Villaseñor
13	RDA-FPD-2018-01 Establishment of Spray Drying Technology and Equipment for the Regional food Innovation Centers-Batch 2	1-Feb-2018	31-Dec-2018	31-Dec-2020	NG Ambagan
14	RDA-FPD-2018-04 Establishment of Halal Assurance System for Bakery Products(Pandesal and Loaf Bread)	1-Aug-2018	1-Jul-2019	31-Dec-2020	LS Montvirgen
15	RDA-FPD-2020-08 Development of Powder Salted Egg Using Appropriate Processing Technologies	1-Jan-2020	1-Aug-2020	1-Dec-2020	MB Macaraeg
MATERIALS SCIENCE DIVISION					
16	RDR-MSD-2020-01 Nanozeolite Monoliths for Gas Adsorption Application	1-Jan-2020	31-Dec-2020		JR Celorico
17	RDR-MSD-2020-02 Synthesis, Characterization and Production of Starch Nanocrystals	1-Jan-2020	31-Dec-2020		CS Emolaga/ MA Paglicawan

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18	RDR-MSD-2020-03 Biomass-derived Carbon Quantum Dots and CQD/Polymer Composites for Biomedical & Industrial Applications	1-Jan-2020	31-Dec-2020		PAN de Yro
19	RDR-MSD-2020-04 Superparamagnetic Iron Oxide Nanoparticles (SPIONs) from Natural Mineral Deposits - Phase 1	17-Feb-2020	31-Dec-2020		BA Basilia/ PAN de Yro
20	RDR-MSD-2020-05 Development of Portable Ultrafiltration/Nanofiltration Membrane Module for Treatment of Potable Water for Remote/Field Application (Mabuhay Straw)	17-Feb-2020	31-Dec-2020		MT Margarito
21	RDA-MSD-2019-02 Prototype Development of Natural Fibre-Thermoplastic Composites from Agricultural and Industrial Wastes for Industrial Applications	1-Apr-2019	30-Mar-2020	31-Dec-20	MA Paglicawan
22	RDA-MSD-2017-07 Program: Intelligent Data Analysis System (IDAS) for Drug Trafficking Investigation in the Philippines Project 1: Application of Multivariate Analysis on Methamphetamine HCl Chemical Fingerprints and Kinetic Stability Modelling (Collaborative Project with PDEA/ASTI)	16-Dec-2017	31-Dec-2018	31-Dec-2020	AM Monsada
23	RDA-MSD-2017-08 ADMATEL Expansion and Business Continuity	10-Nov-2017	9-Nov-2020	31-Dec-2020	AM Monsada
24	RDA-MSD-2019-03 Nanofibrous Scaffolds from Natural Biomaterials for Tissue Engineering	1-Jul-2019	30-Jun-2020	30-Sep-2020	JR Celorico
PACKAGING TECHNOLOGY DIVISION					
25	RDR-PTD-2019-01 Effect of Storage Conditions on Migration Characteristics of Benzophenone in Paper and Paper-based Food Packaging (Phase 2) (Phase 1 - RDR-PTD-2018-04)	1-Jan-2019	31-Dec-2019	31-Mar-2020	J Diaz
26	RDR-PTD-2019-02 Data Acquisition of Shock and Vibration Values in the Delivery (Motorcycle and Closed Van) of E-commerce Products within Metro Manila	1-Jan-2019	31-Dec-2019	29-Feb-2020	ET Nolasco
27	RDR-PTD-2019-07 Shelf-life Extension of "Bukayo" and "Budín" through the Application of Improved Packaging Technology	22-Jul-2019	31-Dec-2019	30-Jul-2020	FV Loberiano
28	RDA-PTD-2017-15 Development of an Effective Distribution System for RTE foods (chicken arroz caldo and fish rice meal) to Mitigate the Magnitude of Distress for Calamity Survivors and Providers of Services	1-Dec-2017	30-Nov-2018	30-Nov-2020	FV Loberiano
29	RDA-PTD-2019-04 Asia Packaging Network (APN) and International Packaging Symposium and ISTA-APD International Symposium on Distribution Packaging October 22 to 25, 2019	1-Apr-2019	31-Mar-2020	30-Nov-2020	DE Tanafranca
STANDARDS AND TESTING DIVISION					
30	RDA-2017-STD-02 Enhancing OneLab for Global Competitiveness	1-Jan-2017	31-Dec-2020		AV Briones
31	RDA-2020-STD-01 Preliminary Characterization of Taal Volcanic Ash for Risk Assessment and Potential Raw Material for Construction Industry	15-Jun-2020	Sep 15, 2020	15-Oct-20	AR Dablio