

INDUSTRIAL TECHNOLOGY DEVELOPMENT INSTITUTE
Completed Projects for Q1 2021

No./Project Title	Date Started	Completion Date		Project Leader	
		Original	Revised		
CHEMICALS AND ENERGY DIVISION					
1	RDR-CED-2019-01 Natural Hydrocolloid as Alternative Emulsifier and Stabilizing Agent from Okra (<i>Hibiscus esculentus</i>) Pods	01-Jan-20	31-Dec-20	31-Mar-21	OC Evangelista
2	RDR-CED-2020-02 Processing of Anti-freezing Agent for Biodiesel	17-Feb-20	31-Dec-20	31-Mar-21	CA Bulan
3	RDR-CED-2020-03 Development of Uninterruptible Power Back-Up System Using Motor Control for Lighting Applications as Sample Electrical Load	17-Feb-20	01-Jan-21	31-Mar-21	FE Del Pozo Jr.
4	RDR-CED-2020-04 Catalytic Hydrogenation and Transesterification of Highly Unsaturated Fatty Acids from Rubber Seed Oil	17-Feb-20	31-Dec-20	31-Mar-21	VFR Ablang
5	RDR-CED-2020-05 Bench-scale Production of Curcumin from Philippine Turmeric using Different Extraction Methods	01-Jan-20	31-Dec-20	31-Mar-21	EA Ongo
ENVIRONMENT AND BIOTECHNOLOGY DIVISION					
6	RDR-EBD-2020-01 Development of a Fermentation Product (Kimchi-Filipino adaptation) from locally-grown vegetables using indigenous LAB isolates as starter culture	1-Jan-2020	31-Dec-2020	31-Mar-21	EG Panerio
FOOD PROCESSING DIVISION					
7	RDA-FPD-2018-03 Establishment of Halal Assurance System for Processing Selected Banana Products (Banana Chips, Banana Catsup, and Frozen Banana)	1-Aug-2018	31-Jan-2021		MEM Falco
PACKAGING TECHNOLOGY DIVISION					
8	RDR-PTD-2020-02 Establishment of Shelf Life and Safety of Chilled Ready to Heat and Freshly Cooked Ready to Eat Foods Sold in Convenience Stores and Delivery Service	1-Jan-2020	31-Dec-2020	31-Mar-2021	C Bihis