

**INDUSTRIAL TECHNOLOGY DEVELOPMENT INSTITUTE**

2023 Implemented Projects

No.	Project Title	Date Started	Completion Date		Status
			Original	Revised	
<b>CHEMICALS AND ENERGY DIVISION</b>					
1	RDA-CED-2021-02 Green Oils and Phytochemicals from Cashew, Pili, Tomato seeds and Rubber Seeds	16-May-2021	15-May-2022		Ongoing
		16-May-2022	15-May-2023	15-May-2024	
2	RDA-CED-2021-04 Development of a PCR-based detection kit for Philippine Tomato Yellow Leaf Curl Virus (TYLCV) strains	01-Jul-2021	31-Aug-2022	31-Aug-2024	Ongoing
3	RDA-CED-2021-05 Establishment of Fuel Cell R&D and Testing Facility (Y1)	1-Sep-2021	31-Aug-2023	13-Nov-2024	Ongoing
4	RDA-CED-2022-01 Product Development of Okara: From Soybean Processing By-Product to Hight Energy Protein Ready to Drink Product	1-Sep-2022	31-Aug-2023	31-Dec-2023	Completed
5	RDA-CED-2023-01 Generation of a Plant Virus Vector for Protein Expression and Functional Gene Analysis in Abaca and Banana (Year 1 of 3)	1-Jan-2023	31-Dec-2023	31-May-2024	Ongoing
6	RDA-CED-2023-02 Biological Control Potential of Bacteriophage Cocktails for Bacterial Diseases of Papaya (Year 1 of 3)	1-Jan-2023	31-Dec-2023	31-May-2024	Ongoing
7	RDA-CED-2023-03 Chemical Residue Profiling of Milkfish using XRF Technology	1-Jan-2023	31-Dec-2023	31-May-2024	Ongoing
8	RDA-CED-2023-04 Upscaled Production of Pectin from Calamansi Wastes	1-Mar-2023	29-Feb-2024		Ongoing
9	RDA-CED-2023-05 Innovative Approach in Delivering Syringic Acid Using Metal Organic Framework as Drug Carrier	18-Jul-2023	17-Jul-2024		Ongoing
10	RDA-CED-2023-06 Molecular Characterization & Biobanking of Vector-Borne and Respiratory Viruses for the Virology and Vaccine Institute of the Phil.(VRV-Biobanking)	1-Apr-2023 Revised: 1-August-2023 (approved)	31-Mar-2024		Ongoing
11	RDA-CED-2023-07 Mycobacterium Tuberculosis EA12-Manila Strain-Derived Immunogenic Protein Subunits for TB Vaccine Development	11-Jun-2023	10-Oct-2024		Ongoing
12	RDA-CED-2023-08 Valorization of Post-Processing By-Products Generated from Industrial-Scale Production of Peanut Butter	1-Oct-2023	1-Oct-2024		Ongoing
13	RDR-CED-2021-03 Development of Microcontroller & Minicomputer Applications for Selected Equipment units of the MMIC and a Bench-Scale Hydrothermal Carbonization Equipment of the CED Laboratory	01-Jan-2021	31-Dec-2021	31-Mar-2023	Completed
14	RDR-CED-2022-04 Screening of Biological Activities and Secondary Metabolites from Two (2) Endemic Species of Vanoverberghia (Zingiberaceae) and their Application as a Topical Product	1-Aug-2021	31-Dec-2021	31-Jul-2023	Completed
15		1-Jan-2022	31-Jul-2022		
16	RDR-CED-2023-01 Production of Fish Oil from by-products of Local Fish Processors and its Application in Personal Care Products	01-Jan-23	31-Dec-23		Completed
17	RDR-CED-2023-02 Optimization Study on the Co-production of Activated Carbon and Bio-oil Spent Coffee Grounds	01-Jan-23	31-Dec-23		Completed
18	RDR-CED-2023-03 Utilization of Okara byproduct from Taho/Tofu Production through the Development of Stabilizer/Emulsifier for Personal Care Products	1-Jan-2023	31-Dec-2023		Completed
19	RDR-CED-2023-04 Development of a Laboratory Scale Process for the Monolaurin Synthesis using Various Basic Catalysts	1-Jul-2023	31-Jun-2024		Ongoing
<b>ENVIRONMENT AND BIOTECHNOLOGY DIVISION</b>					
20	LFP-EBD-2021-01 Isolation and Purification of Philippine Common Viruses with Medical Importance and Pandemic Potential for Antigen-Antibody Studies	1-Jul-2021	30-Jun-2022	30-Jun-2024	Ongoing
21	LFP-EBD-2021-02 Combination Therapy: Lytic Bacteriophages and Plant Extracts against Multidrug-Resistant Bacteria	1-Jul-2021	30-Jun-2022	30-Jun-2024	Ongoing
22	LFP-EBD-2021-03 Detection of food and water-borne bacterial pathogens using phage-based diagnostics	1-Jul-2021	30-Jun-2022	30-Jun-2024	Ongoing
23	LFP-EBD-2021-04 De novo synthesis of a non-infective Flaviviridae pseudovirion: Initial development of a template for a safer conduct of Zika-related diagnostics research in the Philippines	1-Jul-2021	30-Jun-2022	30-Jun-2024	Ongoing
24	LFP-EBD-2021-05 Development of a Real Time Polymerase Chain Reaction for Point of Need Detection for African Swine Fever Virus (ASFV)	1-Jul-2021	30-Jun-2022	30-Jun-2024	Ongoing

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<b>CHEMICALS AND ENERGY DIVISION</b>					
25	RDA-EBD-2022-01 Comparative Study Between Standard Methods and Philippine Made PM and CO Measuring Devices	1-Jan-2022	31-Dec-2023		Completed
26	RDA-EBD-2022-02 Deployment of Drinking Water Treatment System for Selected Indigenous People (IP) Communities in the Province of Tarlac	1-Feb-2022	31-Dec-2022	01-Jul-2023	Ongoing
27	RDA-EBD-2022-05 Pilot Testing of the UpEDS	1-Sep-2021	30-Aug-2022	31-May-2023	Ongoing
28	RDA-EBD-2023-01 Mitigating Tannery Pollution in Meycauayan	1-Jan-2023	31-Dec-2023		Ongoing
29	RDA-EBD-2023-02 Virtual Screening of Secondary Metabolites Derived from Philippine Medicinal Plants for Potential Antiviral Activity Against Pathogenic Swine Viruses	1-Jan-2023	31-Dec-2023		Completed
30	RDA-EBD-2023-3 Computational Design of Multi-epitope Subunit Vaccines for Protection against Pathogenic Swine Viruses	1-Jan-2023	31-Dec-2024		Ongoing
31	RDA-EBD-2023-05 Improving Sustainability & Ensuring Safety of DOST-Developed Solid Waste Management Technologies Adopted by CEST Communities in the NCR through Assessment of Composting Operation and Product Quality	1-Jul-2023	30-Jun-2024		Ongoing
32	RDR-EBD-2020-03 Bioactive Substances from Actinomycetes Isolated from Different Sources Phase 2. Production, purification and characterization of the bioactive substances Phase 3	1-Jan-2020	31-Dec-2022	30-Jun-2023	Ongoing
33	RDR-EBD-2022-03 Microbial and Chemical Profile of Kombucha Tea made from Different Symbiotic Colonies of Bacteria and Yeasts (SCOBYs) in the Philippines Phase 2. Chemical Profile and Antioxidant Activity of Kombucha (Year 2)	01-Jan-23	31-Dec-23		Ongoing
34	RDR-EBD-2022-05 Carbon Capture using PDMS/PVDF thin film Composite Membranes	1-Jan-2022	31-Dec-23		Completed
35	RDR-EBD-2022-06 Operation of the DOST Sewage Treatment Plan (STP) and Development of Strategies for Water Reuse	01-Jul-22	31-Dec-23		Completed
36	RDR-EBD-2022-07 Qualitative and Quantitative Assessment of Microplastics along the key sites of Laguna de Bay, Philippines	01-Jul-22	31-Jun-2023	31-Dec-23	Completed
37	RDR-EBD-2023-01 Utilization of Septic Sludge for Biogas and Compost Production using a Portable Biogas Digester	01-Jan-23	31-Dec-23		Completed
38	RDR-EBD-2023-02 Utilization of Coffee Beans Waste for Enzyme Production Using Isolated Fungal Strains	01-Jan-23	31-Dec-23		Ongoing
39	RDR-EBD-2023-03 Implementation of an Effective Solid Waste Management Program for ITDI: Part 1 - Assessment and conduct of Waste Analysis and Characterization Study (WACS)	01-Jan-23	30-Sep-23		Completed
40	RDR-EBD-2023-05 Development of Algal-Bacterial (ALBA) Wastewater Treatment System for Swine Industry (Phase 2)	1-Jul-2023	30-Jun-2024		Ongoing
41	RDR-EBD-2023-06 Implementation of an Effective Solid Waste Management Program for ITDI: Part II - Formulation of SWM Plan and Site Identification and Design of Materials Recovery Facility	01-Oct-23	30-Dec-24		Ongoing
<b>FOOD PROCESSING DIVISION</b>					
42	RDA-FPD-2021-04 Developing the Capability of Micro-and Small-Scale Processors on the Evaluation and Manufacture of Quality Food Products from Philippine Cocoa Beans	26-Jan-2021	25-Jan-2022		Ongoing
		26-Jan-2022	25-Jan-2023	25-Jan-2024	
43	RDA-FPD-2021-06 Development of Competency on Establishment and Validation of Adequate Processes for Thermally Processed Food	1-Apr-2022	31-Mar-2023		Completed

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<b>CHEMICALS AND ENERGY DIVISION</b>					
44	RDA-FPD-2021-08 Thermal Processing of Selected Materials Using Agitated-Type Retort	16-May-2021	31-Dec-2021	20-Jul-2023 5-Nov-2024	Ongoing
45	RDA-FPD-2021-09 Production of Dietary Fiber using Sugarcane Bagasse from Raw Sugar Manufacturing	1-Apr-2021	31-Mar-2022		Completed
		1-Apr-2022	31-Mar-2023		
46	IDD-TECHNiCOM-2023-0329-18 Scale-up Production and Technology Validation of DOST-ITDI Ready-to-Eat Boiled Quail Eggs	23-Mar-2023	22-Mar-2024		Ongoing
47	RDA-FPD-2023-02 (DOST Funded): Korea-Philis. Technology Advice & Solutions from Korea (TASK 2) Program	1-Jan-2023	31-Dec-2023		Completed
48	RDR-FPD-2022-01 Development of Shelf Stable Randang Sauce	1-Feb-2022	31-Dec-2022	30-Jun-2023	Completed
49	RDR-FPD-2022-03 Improvement of Exterior Features of Existing Horizontal Water Spray Retort with Timing Control System Upgrade	1-Apr-2022	31-Mar-2023		Completed
50	RDR-FPD-2022-05 Ultrasonic Assisted Extraction (UAE) and Microencapsulation of Virgin Coconut Oil (VCO): Study 2: Validation of UAE Process of VCO	1-Apr-2022	31-Dec-2022	31-Mar-2023	Completed
51	RDR-FPD-2022-06 Safety and Quality Evaluation and Testing of DOST-ITDI Developed Cacao Roaster Equipment	1-Oct-2022	30-Sep-2023		Completed
52	RDR-FPD-2023-05 Development of Shelf Stable Intermediate Moisture (IM) Chevon Products (Jerky and Chinese-Style Sausage) using Hurdle Technology	1-Jan-2023	31-Dec-2023		Completed
53	RDR-FPD-2023- 06 Prototyping of an Isochoric Freezing Equipment	1-Jan-2023	31-Dec-2024		Ongoing
54	RDR-FPD-2023- 02 Thermal Processing Applications in Plant-based Meat Alternative Food Products	1-Apr-2023	31-Mar-2024		Ongoing
55	RDR-FPD-2023- 04 Development of Food Standards for Philippine Ethnic Food Products - Lechon Sauce	1-Jan-2023	31-Dec-2024		Ongoing
56	RDR-FPD-2023- 01 Development and Pilot Scale Production of Shelf-Stable Food Products as Ready Food Reserve	1-Jan-2023	31-Dec-2023		Completed
57	RDR-FPD-2023-06 Test Marketing Implementation and Soft Launching of Thermally Processed Randang Sauce	1-Jul-2023	31-Dec-2023		Completed
<b>MATERIALS SCIENCE DIVISION</b>					
58	RDA-MSD-2022-01 Nanotexturing of Stainless Steel 316L by Electrochemical Etching for Biological Implants (CRADLE Project)	1-Jan-2022	31-Dec-2022	30-Jun-2023 30-Sept-2023	Completed
59	RDA-MSD-2022-02 3D-ABI: Development and Performance Evaluation of Biocompatible Materials and Pore Design Structure for 3D Printed Artificial Bone Implants	9-Nov-22	8-Nov-23	8-Nov-24	Ongoing
60	RDA-MSD-2023-01 Development, Characterization and performance Evaluation of Polymer Coated and Uncoated Aluminum and titanium Alloy Powder for Selective Laser Sintering , Selective Laser melting and Electron Beam Melting (DOST Assisted /PH – India)	1-Jan-23	1-Jan-25		Ongoing
61	RDA-MSD-2023-02 Method Optimization of Digestion and Extraction of Microplastics in Milkfish (Chanos Chanos) (PCAARD)	1-Jan-23	30-Jun-24		Ongoing
62	RDA-MSD-2023-03 Modernization of Microplastics and Heavy metals testing in Milkfish using Thermogravimetry – Gas Chromatography /Mass Spectrometer (TG-GC/MS) and X-ray Fluorescence (XRF) (PCARRD)	1-Jan-23	30-Apr-24		Ongoing

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63	<b>RDA-MSD-2023-04</b> Biocomposite from waste Vetiver Roots and Thermoplastic for Industrial Application (CRADLE)	1-Feb-23	1-Feb-25		Ongoing
64	<b>RDA-MSD-2023-05</b> Training of Trainers Program (ToT) on Nanotechnology	1-May-23	1-Jul-23		Completed
65	<b>RDA-MSD-2023-06</b> Project 2: Materials for Application-Specific Technologies for 3D/4D Printing R&D (MAST3R) (under the program: Central Hub for Advanced Manufacturing R&D in the Philippines - CHAMP)	1-Apr-23	31-Mar-24		Ongoing
66	<b>RDA-MSD-2023-07</b> Post-radiation Reactive Extrusion of Plastic Waste (PREx Plastic)	1-Jul-23	30-Jun-24		Ongoing
67	<b>RDR-MSD-2023-01</b> Application of 3D Printing in Arts and Designs for Creative and Handicraft Industries: 3D Printing Application for Bespoke Designs in Baked Products	1-Jan-2023	31-Dec-2023		Completed
68	<b>RDR-MSD-2023-02</b> Application of 3D Printing in Arts and Designs for Creative and Handicraft Industries: 3D Printing Application in Designing Products for the Pottery Industry	1-Jan-2023	31-Dec-2023		Completed
69	<b>RDR-MSD-2023-03</b> Laboratory Scale Production of Porous Bi-phasic Calcium Phosphate Bioceramic Orbital Implant (Phase 1)	1-Jan-2023	31-Dec-2023		Completed
70	<b>RDR-MSD-2023-04</b> Stereolithography-Fabricated All Ceramic Dental Crown using Locally Available Materials (Year 1)	1-Jan-2023	31-Dec-2023		Completed
71	<b>RDR-MSD-2023-05</b> Recycling of Postconsumer Multilayer Plastics Packaging (PMPP) - Phase 1	1-Jan-2023	31-Dec-2023		Completed
72	<b>RDR-MSD-2023-06</b> Cellulose Nanocrystals (CNC) derived from Ananas Comosus leaves for Industrial and Medical Applications: Phase 2-Functionalization and Applications Testing	1-Jan-2023	31-Dec-2023		Completed
73	<b>RDR-MSD-2023-07</b> Design, Optimization and Prototyping through Simulation and 3D Printing with PVDF/PES Membrane Development of a Hollow Fiber Membrane Module for Emergency Water Supply Treatment	1-Jan-2023	31-Dec-2023		Completed
<b>NATIONAL METROLOGY DIVISION</b>					
74	<b>RDA-NMD-2022-01</b> Development and Provision of Proficiency Test Scheme in Shrimp Product for Local Microbiological Laboratories	1-Nov-2021	31-Oct-2023	31-Jan-2024	Ongoing
75	<b>RDA-NMD-2022-02</b> Capability Enhancement of Local Laboratories in the Determination of Inorganic Toxic Elements in Aquacultured Milkfish through Proficiency Testing Scheme	1-Oct-2021 1-Dec-2021 (approved)	30-Sept-2023	30-May-2024	Ongoing
76	<b>RDA-NMD-2022-03</b> Design And Development Of A Subsonic Wind Tunnel System For Airspeed Realization And Calibration	1-Oct-2022	30-Sep-2023	30-Sep-2024	Ongoing
77	<b>RDA-NMD-2023-01</b> Enhancing the Quality of Measurement of Local Testing Laboratories in the Philippines for the Analysis of Toxic Elements in Mussels through Proficiency Testing Scheme	1-Jan-2023	31-Dec-2023	30-Dec-2024	Ongoing
78	<b>RDA-NMD-2023-02</b> Aligning The Capabilities Of Metro Manila'S Local Legal Metrology Authorities To The Asean Guidelines For Non-Automatic Weighing Instruments (NAWI) And Fuel Dispensers	1-Jul-2023	30-Jun-2024 (Y1) 31-12-2024 (Y2)		Ongoing

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<b>CHEMICALS AND ENERGY DIVISION</b>					
79	RDR-NMD-2022-01 Development of Real-Time Data Acquisition Program for High Accuracy Machine Indicators using Artificial Neural Network	1-Jan-2022	31-Dec-2022	30-Sep-2023	Completed
80	RDR-NMD-2023-01 Upgrading High-capacity Manual Mass Comparators through Development of an Automated Rotary Multi-Position Weighing System	1-Jan-2023	31-Dec-2023		Completed
81	<b>Enhancement of the Competence and Capabilities of the National Metrology Laboratory of the Philippines</b>				
	RDRD-2017-NMD-01 Project 1 : Chemical Metrology for Organic Contaminants in Food and Water	1-Jan-2017	31-Dec-2017		Completed
		1-Jan-2018	31-Dec-2018		
		1-Jan-2019	31-Dec-2019		
		1-Jan-2020	31-Dec-2020		
		1-Jan-2021	31-Dec-2021	31-Dec-2022	
		1-Jan-2022	31-Dec-2022	31-Dec-2023	
82	RDRD-2017-NMD-02 Project 2 : Chemical Metrology for Inorganic Toxic Elements in Food and Water	1-Jan-2017	31-Dec-2017		Completed
		1-Jan-2018	31-Dec-2018		
		1-Jan-2019	31-Dec-2019		
		1-Jan-2020	31-Dec-2020		
		1-Jan-2021	31-Dec-2021	31-Dec-2022	
		1-Jan-2022	31-Dec-2022	31-Dec-2023	
83	RDRD-2017-NMD-03 Project 3 : Biological Metrology for Microorganisms in Food	1-Jan-2017	31-Dec-2017		Completed
		1-Jan-2018	31-Dec-2018		
		1-Jan-2019	31-Dec-2019		
		1-Jan-2019	31-Dec-2019		
		1-Jan-2020	31-Dec-2020		
		1-Jan-2021	31-Dec-2021	31-Dec-2022	
		1-Jan-2022	31-Dec-2022	30-Nov-2023	
84	RDRD-2017-NMD-04 Project 4: Strengthening the Physical Metrology Capabilities of the National Metrology Laboratory (NML)	1-Jan-2017	31-Dec-2017		Completed
		1-Jan-2018	31-Dec-2018		
		1-Jan-2019	31-Dec-2019		
		1-Jan-2019	31-Dec-2019		
		1-Jan-2020	31-Dec-2020		
		1-Jan-2021	31-Dec-2021	30-Jun-2022	
		1-Jan-2022	30-Jun-2022	31-Jul-2023	
<b>PACKAGING TECHNOLOGY DIVISION</b>					
85	RDA-PTD-2021-01 Development and Field Testing of Retort Foods as Food Ration for Men in Uniform during Combat Operations and Other High Risk Operations	1-Feb-2021	31-Jan-2022		Completed
		1-Feb-2022	31-Jan-2023	31-Aug-2023	
86	RDA-PTD-2021-02 Pilot Testing of Packaging Technology Developed for Frozen Durian using Locally Produced Packaging Materials	16-Apr-2021	15-Apr-2022		Completed
		16-Apr-2022	15-Feb-2023	Sept. 30, 2023	
87	RDA-PTD-2021-03 Upgrading of capability of distribution centers/trading posts in the delivery of fresh and semi-processed agricultural products in the supply chain: Focusing on packaging technology and logistics	1-May-2021	30-Apr-2022	30-Apr-2024	Ongoing
88	RDR-PTD-2021-02 Development of random vibration test procedures/methods using Acquired shock and vibration data in the last leg delivery of small products within Metro Manila	1-Aug-2021	1-Jul-2022	30-Jun-2023	Completed
89	RDR-PTD-2021-04 Development of Three (3) New RTE Disaster Relief Foods for Vulnerable Groups (elderly and children)	1-Apr-2021	31-Mar-2022		Completed
		1-Apr-2022	31-Mar-2023		
90	RDR-PTD-2021-06 Preliminary Study on Epoxidized Soybean Oil Migrating from Metal Closure into Bottled Spanish-Style Sardines	1-Jul-2021	30-Jun-2022		Completed
		1-Jul-2022	28-Feb-2023		
91	RDR-PTD-2022-01 Development of Brand Name and Label Design for Unique Philippine Products (Phase 3)	1-Jan-2022	31-Dec-2022	30-Jun-2023	Completed
92	RDR-PTD-2022-02 A Preliminary Study on the Exposure assessment of Filipino Consumers to phthalates migrated from paper-based and plastic-based materials used as packaging for food and Beverages	2-Feb-2022	31-Jul-2023		Completed
93	RDR-PTD-2022-04 Development of intelligent packaging colorimetric sensor as total volatile basic nitrogen (TVBN) indicator (Phase 2)	2-Feb-2022	31-Jan-2023		Completed

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<b>CHEMICALS AND ENERGY DIVISION</b>					
94	RDR-PTD-2022-06 Fabrication and Characterization of Fiber – Based Cushion Pad and Partition Board Derived from Pineapple Waste for Transport Packaging of Fresh Produce	2-Feb-2022	31-Aug-2023		Completed
95	RDR-PTD-2022-07 Utilization of indigenous materials as green active packaging in prolonging the overall freshness of low-land agricultural crops (ampalaya and french beans)	1-Apr-2022	31-Mar-2023	30-Jun-2023	Completed
96	RDR-PTD-2022-08 Pilot Testing of Packaging Technology for Pork Lechon	01-Jun-2022	31-May-2023	31-Aug-2023	Completed
97	RDR-PTD-2023-01 Method Validation and Determination of Per/Polyfluoroalkyl Substances (PFAS) in Locally-Available Paper-Based Food Packaging using LCMSMS	03-Jan-2023	31-Dec-2023	29-Feb-2024	Ongoing
98	RDR-PTD-2023-02 Development of Packaging foam made of Coconut husk as Transport packaging material for non-food products	03-Jan-2023	31-Dec-2023	30-Jun-2024	Ongoing
99	RDR-PTD-2023-03 Field Testing of RTE retort foods (chicken corn soup and ginisang munggo) as disaster relief foods – Phase 2	03-Jan-2023	31-Dec-2024	31-Dec-2023 31-Mar-2024	Ongoing
100	RDR-PTD-2023-04 Profiling and Designing of Packaging on Consumers using Survey Method	03-Jul-2023	31-Dec-2023		Implementation moved to FY 2024
<b>STANDARDS AND TESTING DIVISION</b>					
101	RDA-STD-2019-01 Upgrading of ITDI-Laboratory Animal Facilities in Support for Tuklas Lunas and Other DOST Programs, and Industry Needs	4-Nov-2019	3-Nov-2020		Completed
		4-Nov-2020	3-Nov-2021	May 3, 2023 (approved)	
102	RDA-STD-2022-01 Establishment of Halal Assurance Management System and Halal-Compliant Standardized Process for Spa Skincare Products for the Halal Tourism Industry	1-Jan-2022	30-Jun-2023		Completed
103	RDA-STD-2022-02 Validation and Standardization of Chemical Test Methods on Allergens and Preservatives Food Safety Parameters Among DOST Laboratories	October 2022	September 2025		Ongoing
104	RDA-STD-2022-03 Smarter OneLab for Industry 4.0 through Testing and Calibration, Education, and Discovery (OneLab for TED)	January 2023	December 2025		Ongoing
105	RDR-STD-2022-03 Capacity Building for Preservative Efficacy Test (PET) for Cosmetics	1-Jan-2022	30-Sep-2023	31-Dec-2023	Completed
106	RDR-STD-2023-01 Development and Validation of Ion Chromatographic Method for the Determination of Water-Soluble Anions in Concrete and Related Materials	1-Jan-2023	31-Dec-2023		Completed
107	RDR-STD-2023-02 Program: Enhancement of ITDI-STD Fuel Testing Services Phase 2: Development of Charcoal In-house Quality Control Material for Proximate and Ultimate Analysis in Solid Fuels	1-Jan-2023	31-Dec-2023		Completed
<b>TECHNOLOGICAL SERVICES DIVISION</b>					
108	RDA-2021-TSD-01 Technical Support to DOST Regional Food Innovation Centers	1-Mar-2021	28-Feb-2022		Ongoing
		1-Mar-2022	28-Feb-2023		
109	RDA-2021-TSD-02 Development of Mobile Modular Food Processing Facility (MMFPF)	1-May-2021	30-Apr-2023	30-Apr-2024	Ongoing
<b>PLANNING AND MANAGEMENT INFORMATION SYSTEMS DIVISION</b>					
110	RDA-PMISD-2023-01 Technical Services Certificates Verifiable Credentials Using Blockchain Technology	1-Jun-23	31-May-24		Ongoing