

**QUARTERLY PHYSICAL REPORT OF OPERATION**  
as of 1st Quarter 2025

Department DEPARTMENT OF SCIENCE AND TECHNOLOGY  
Agency INDUSTRIAL TECHNOLOGY DEVELOPMENT INSTITUTE  
Operating Unit \_\_\_\_\_  
Organization Code 190050000000

☒ Current Year Appropriations  
☐ Supplemental Appropriations  
☐ Continuing Appropriations  
☐ Off-Budget Account

Particulars	UACS CODE	Physical Targets					Physical Accomplishments		Variance as of Q1	Remarks
		1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	Total	1st Quarter	Total		
1	2	3	4	5	6	7	8	12	13	14
<b>I. Industrial Technology R&amp;D Program Outcome Indicators</b>										
1. Number of partnerships with public and private stakeholders and international organizations		5	5	5	5	20	9	9	+4	Q1 partnerships: 1. <b>G and G Fabrication Services</b> (Design and Development of a Batch Spray-type Pasteurizer/ Phase 2: Fabrication and Testing) 2. <b>Sees International Food Manufacturing Corporation</b> (R&D: Utilization of Out-of-Specification Saba Bananas from Banana Chip Production in the Development of Shelf-stable Banana products) 3-4. <b>Dynamic Manufacturing Corporation &amp; W Hydrocolloids Inc.</b> (R&D: Migration Studies on Hazardous Contaminants from Locally-Available Food Contact Materials and Artides) 5. <b>Chuo University, Japan</b> (Japan-Philippines Research Exchange Collaboration) 6. <b>Department of Agriculture-NFRDI</b> (Technical Services) 7-9. <b>Nayong Kalikasan Organic Farm, Cenmaco, Inc., &amp; Philia Variety Store</b> (CLAIM Project)
2. Amount of revenue generated from partnerships		25 M	75 M	40 M	10 M	150 M	63,330,854.86	63,330,854.86	+38,330,854.86	Received funds from DOST and attached agencies and other government agencies for the conduct of assisted projects.
<b>Output Indicators</b>										
1. Number of projects completed		2	2	1	20	25	2	2	0	<b>Q1 Completed Projects:</b> 1. Synthesis of Nano-cellulose Fiber from Okara as Potential Component for Proton Exchange Membrane (PEM) in Fuel Cell (CED) 2. Development of Algal-Bacterial (ALBA) Wastewater Treatment System for Swine Industry (Phase 2) (EBD)

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		1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	Total	1st Quarter	Total		
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2. Percentage of projects implemented within the approved timeframe		100%	100%	100%	100%	100% (41/41)	100% (35/35)	100%	0%	Not cumulative
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		5%	5%	5%	5%	5% (6/130)	2.31% (3/130)	2.31%	-2.69%	* 3 out of 130 completed GAA projects from the last 5 years (2020-2024) were published/ presented/ filed for IP as of Q1 2025.  Not cumulative
<b>II. Industrial Technology Transfer Program</b>										
<b>Outcome Indicators</b> 1. Percentage of clients that rate the technology transfer as satisfactory or better		90%	90%	90%	90%	90%	-	-	-	*No technology transfer scheduled for completion in Q1 2025, thus no client to rate the technology transfer as satisfactory or better  Not cumulative
<b>Output Indicators</b> 1. Number of knowledge/technologies diffused		15	25	25	25	90	71	71	+56	<b>Q1 2025: 71 knowledge/technologies were diffused through different platforms and media:</b> 1. Nanoclay/Nanocomposites 2. Thermoplastics 3. IDAS 4. Quantum Dots 5. 3D Printed Bioceramic Orbital Implant 6. RTE Arrozcaldo 7. Acetator Kit 8. Isotonic Drink 9. RTD Tablea 10. Gourmet Salt 11. Abaca Fiber reinforced 12. Safewaters 13. Bioreactor 14. Biogas 15. Dual Drum Composter



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										16. Household Tumbling Composter 17. OL Trap 18. Iodization machine 19. salt washer 20. salt spin dryer 21. cacao roster 22. cacao desheller 23. cacao grinder 24. wine kit 25. banana puree 26. banana powder 27. natural colorants 28. Dietary fiber (calamansi waste) 29. smoked salts 30. RTD Coconut milk 31. colorant from Monascus Purpureus 32. Drum dried fruitflakes 33. alternative sugar (nipa sap) 34. packaging for frozen durian 35. packaging for lechon 36. RTE Sweet Potato 37. RTE Smoked fish 38. RTE Cassava in Syrup 39. RTE Chicken Afritada 40. RTE Chicken Adobo 41. RTE White Rice 42. RTE Mixed vegetables 43. RTE Bangus sisig 44. RTE Beef curry 45. RTD Coconut Mungbean 46. RTE Beef Suman 47. RTE Chicken Egg 48. RTD Rice Milk 49. Vacuum Frying Technology 50. Improved packaging technology for shelf life extension (Bukayo) 51. Improved packaging technology for shelf life extension (Budin) 52. Packaging Technology (Monay) 53. Sagip Nutriflour 54. Calamansi Processing (Puree) 55. Calamansi Processing (RTD) 56. Mango Processing (Puree) 57. Mango Processing (RTD) 58. Mango Processing (Dried) 59. Emulsified chicken sausage 60. Oyster Sauce Processing 61. Ham Making 62. Alternative Flour 63. Dishwashing Liquid 64. Liquid Hand Soap

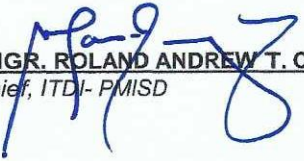
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										65. Basic Thermal Processing 66. Sous Vide Processing and Its Potential in the Food Processing and Food Service Industry 67. Waste Analysis and Characterization Study (WACS) 68. Chemical and Hazardous Waste Mgt 69. Establishment of Decision Rules and Statement of Conformity in Testing and Calibration 70. Pressure Metrology and Calibration of Pressure Gauges 71. Calibration of Force Testing Machine
2. Number of technologies transferred/ commercialized through technology transfer agreement		1	2	2	2	7	0	0	-1	Ongoing signing of technology transfer agreements, to be reported next quarter.
3. Percentage of request for technology transfer that have been provided within the required time frame		95%	95%	95%	95%	95%	-	-	-	*No request for technology transfer for Q1 2025 Not cumulative
<b>III Industrial Technology Technical Services Program</b> <b>Outcome Indicators</b> 1. Percentage of customers that rate the technical services as satisfactory or better		90%	90%	90%	90%	90% (3,900/4,350)	100% (893/893)	100% (893/893)	+10%	*893 out of 893 clients rated the technical services as satisfactory or better as of Q1 2025 Not cumulative

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<b>Output Indicators</b>										
1. Number of technical services rendered		5,000	7,000	6,000	5,000	23,000	13,831	13,831	+8,831	
2. Percentage of request for technical services that have been provided within the required time frame		90%	90%	90%	90%	90% (14,900/ 16,500)	100% (13,831/13,831)	100% (13,831/13,831)	+10%	*13,831 out of 13,831 of technical services were provided within the required timeframe  Not cumulative
3. Number of clients benefitting from technical services		1,000	1,000	1,000	1000	4,000	1,627	1,627	+627	

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