

**NUMBER OF ASSISTED R&D PROJECTS IMPLEMENTED
4TH QUARTER 2015**

PROJECT CODE	PROJECT TITLE	DATE START	DATE END	PROJECT LEADER	STATUS
CED	3				
RDR-CED-2015-03	Purification and Production of Pharmaceutical Grade Calcium Carbonate	2/1/2015	12/31/2015	R. Torres	New-completed
RDR-CED-2015-02	Design of Purification System for Fuel-Grade Ethanol using Zeolite-Based Molecular Sieve	3/15/2015	12/31/2015		New-completed
RDR-CED 2015-04	Modified Starch for Various Industrial Application	3/16/2015	12/31/2015	L. Hermosura	New-completed
EBD	5				
RDA-EBD-2012-06	Assessment of Potentially Non-Environmentally Acceptable Products/Packaging (Conduct of Life Cycle Assessment of HDPE and LLDPE Grocery Bags and Polystyrene Paper)	7/1/2012	12/31/2015	R. Esguerra	Completed
RDA-EBD-2013-02	Setting-up of Sewage Treatment Plant in the DOST Bicutan Compound	4/1/2013	12/31/2015	R. Esguerra	Completed
RDRA-EBD-2014-10	Development of a Compact Wastewater Treatment System Enhanced with Bio-Augmentation Technology for Quick Service Restaurants (QSRs)	4/1/2014	12/31/2016	R. Delos Reyes	On-going
RDR-EBD-2015-02	Oil Spill/Sheen Remediation using Nano-Engineered Adsorbents and Composites	4/1/2015	3/31/2016	E. Ongo C. Gacho	New-ongoing

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RDR-EBD-2015-03	Treatment of Modified Starch Processing and Post-consumer Polymeric Wastes	4/1/2015	3/31/2016	F. Coronado	New-ongoing
EBD, CED	1				
RDR-ITDI-2015	Design of CO2 Capture System Utilizing Molecular Sieve Membrane Technology	4/1/2015	12/31/2015	A. Bawagan M. Tansengco	New-completed (ahead of schedule)
FPD	7				
RDR-FPD-2015-01	Automation and Application of ITDI Developed Water Spray Retort for Rice-based Disaster Food	3/1/2015	12/31/2015	L. Montevirgen	New-completed
RDA-FPD-2015-07	Establishment of Emergency Food Reserve (EFR) Production Capabilities of the Technoville Site in Barangay Tanza, Navotas City	3/1/2015	12/31/2015	L. S. Montevirgen	New-ongoing
RDR-FPD-2015-02	Functional Characterization of ITDI-developed Modified Starches for Food Application: Oxidized, Acetate, Cross-linked, Heat-Treated	3/1/2015	2/29/2016	M. Evaristo	New-ongoing
RDA-FPD-2015-06	2015 ASEAN Food Conference	4/1/2015	12/31/2015	M. D. Villaseñor	New-completed
RDA-FPD-2015-05	Development of Competence of the DOST Food Innovation Center and Recognition of Most Innovative Products	4/1/2015	3/31/2016	M. D. Villaseñor	New-ongoing

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RDR-FPD-2015-03	Utilization of Nano-Sized Calcium Carbonate as: a) Neutralizing Agent in Pineapple-sugar (as liquid sugar) Processing b) Alkalizing Agent in Cocoa Powder Making	4/1/2015	3/31/2016	C. Bilbao	New-ongoing
RDR-FPD-2015-08	Validation of Improved Tablea Processing using the Designed and Fabricated Equipment	10/1/2015	12/31/2015	D. Villasenor	New-completed
MSD	7				
RDA-MSD-2014-09	Plasma-Treated Abaca Fiber Composites for Industrial Application (ITDI-KIMS Research Collaboration Project) Phase 2	1/1/2014	12/31/2016	M. Paglicawan	On-going
RDA-MSD-2015-01	Establishment of an Advanced Device and Materials Testing Laboratory for the Semiconductor and Electronics Manufacturing Industries (ADMATEL) Phase 4 Operation of ADMATEL	1/1/2015	12/31/2015	B. Basilia	New-completed
RDA-MSD-2015-02	Southeast Asian Atmospheric Corrosion Exposure Study (SEA ACES) of Steels, Electronics Equipment and Components in Philippine Marine Environment (2015-2018) Year 1	1/1/2015	12/31/2015	A. Monsada	New-completed
RDR-MSD-215-04	Nano Copper Impregnated Ceramic Water Filters: Production, Application and Performance Testing	3/1/2015	12/31/2015		New-completed
RDR-MSD-2015-01	Nano Zeolite: Production, Application and Performance Testing	3/1/2015	12/31/2015	J. Celorico	New-completed

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RDR-MSD-2015-03	Biodegradable nanocomposites from Cassava Starch	4/1/2015	6/30/2016	M. Paglicawan	New-ongoing
RDR-MSD-2015-02	Production of Nano Precipitated Calcium Carbonate (Industrial Grade)	7/1/2015	12/31/2015	B. Basilia	New-completed
PTD	8				
RDR-PTD-2012-03	Application of Retort Packaging Technology in the Development of Disaster Mitigation/ Relief Foods: Rice Meal	5/2/2012	12/31/2015	F. Loberiano	Completed
RDRD-PTD-2012-05	Development of Transports Packaging Technology for Fresh Fruits and Vegetables	5/16/2012	6/30/2017	D. Tañafranca/ E. Nolasco	On-going
RDRD-PTD-2012-06	Application of Modified Atmosphere Packaging (MAP) Technology to Enhance the Shelf Life and Quality of Fresh Fruits and Vegetables	5/16/2012	12/31/2015	F. Loberiano	Completed
RDA-PTD-2013-05	Enhancing the Competitiveness of Fresh Fruits and Semi-Processed Agricultural Products through the Application of Appropriate & Sustainable Packaging (JICA project)	4/15/2013	12/31/2017	D. Tanafranca	On-going
RDA-PTD-2014-05	Field Testing and Validation of Study of Retort Food (arroz caldo) as Disaster Mitigation/Relief Food using DSWD's and LGU's Distribution Protocols	8/1/2014	12/31/2015	D. Tanafranca	Completed

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RDR-PTD-2015-04	Application of Retort Packaging Technology in the Development of Disaster Mitigation/ Relief Foods Phase 2: root crop based products	7/1/2015	1/31/2017	G. Noceja	New-ongoing
RDR-PTD-2015-04	Packaging Development/Improvement for Bakery Products as Disaster/Relief and Combat Foods	7/1/2015	1/31/2017	C. Bihis	New-ongoing
RDR-PTD-2015-01	Characterization of Zeolite Film and Application for Packaging of Fresh (delayed ripening) and Processed (shelf life extension) Mango and Banana - a)Application of zeolite coated films in delaying the ripening of fresh mango & banana	8/1/2015	1/30/2017	D. Tanafranca	New-ongoing
STD	3				
RDRD-STD-2012-01	Interlaboratory Comparison of Additives and Contaminants in Foods (proj. 2)	7/1/2012	6/30/2016	H. Bion	On-going
RDRD-STD-2012-02	Production of Secondary Certified Reference Materials and Provision of Proficiency Testing for Metals (Elemental Standard Solutions) in Water (proj. 3)	7/1/2012	6/30/2016	H. Bion	On-going
RDA-STD-2014-01	Integration of Testing Services for Rubber and Rubber-based Products	7/15/2014	7/14/2017	A. Senica	On-going