

## On-going project assisted by MoFPI

S. No.	Project Title	PI Name and address/ contact No	Amount of GIA Sanctioned (Rs. In lakhs)	Amount Released		
				1 <sup>st</sup> instalment (Rs. In lakhs) & date of release	2 <sup>nd</sup> instalment (Rs. In lakhs)	3 <sup>rd</sup> instalment (Rs. In lakhs)
<b>Andhra Pradesh</b>						
1	Utilization of pumpkin for development of carotene rich extruded and other value added products	Dr. SatyaMala, PI CFTRI, Hyderabad	29.76	21.73 (05.06.14)		
<b>Assam</b>						
2	Development of enzyme based extraction process for improving quality and recovery of starch from different varieties of Colocasia Esculenta (Arbi) of Assam for food use	Prof. Nandan Sit, Associate Professor, Department of Food Processing Technology Assam	27.26	22.82 (28.12.11)	3.31357 (13.5.13)	
3	Development of ready to reconstitute misti dahi powder	Dr. Dibyakanta Seth, Associate Professor, Department of Food Processing Technology , Assam	15.97	12.28 (28.12.11)	2.442 (23.8.13)	
4	Development of value added products from Minor Fruits of Assam	Dr. Nillima Neog, PI D/o Food & Nutrition, Assam Agricultural University, Assam	65.93	45.40 (26.3.14 29.3.14 14.07 06.06.2014)		
<b>Karnataka</b>						
5	Value added and Healthful Texturized egg product	Dr. V.K. Modi, PI CFTRI, Mysore	38.51	28.25 (26.3.12)	1.60357 (25.2.14)	
6	Red Sorghum flakes based snack bar for health and nutritional security	Dr S. Hemalatha Associate Professor Department of Horticulture, University of Agricultural Sciences, Dharwad,	36.916	32.208 (15.7.13)		
7	Isolation and screening for native wine yeast cultures for the production of Indian Wine	Dr. Annu Appaih, PI, CFTRI, Mysore	48.00	44.33 (March, 2015)		

<b>Maharashtra</b>							
8	Low cost Dehydration of Fruits and Vegetables using continuous explosion Puffing Process (CEPP)	Mr. Arun Ghatge, Managing Director, M/s Ghatge Precision Engineering Pvt. Limited, 6/7, Shivam, Gurukrupa Housing Society, Shahunagar, Godoli, Satara-415001	34.16	17.08 (27.1.10)	13.66 (13.8.11)	.	
9	Improvement of Nutritional Value of Finger Millet by Extrusion cooking Technology	Shri N.J. Thakur, Professor & Head, Department of Agricultural Process Engineering, Dr. B.S. Konkan Krishi Vidyapeeth Dapoli -415712.	37.51	21.68 (27.3.10)	11.61 (28.2.12)		
10	Development of Healthy and Nutrient Rich Noodles by Supplementation with Legumes and Leafy Vegetables	Dr. A.K. Sahoo, P.I, Department of Food Science and Technology, Shivaji University, Kolhapur-416004	31.13	15.56 (13.12.10)	12.452 (28.9.12)		
11	Studies on preparation of Syrup and Jaggery of Neera obtained from Phoenix sylvestris	Prof. B.A. Chopade, Principal Investigator and Director, Institute of Bioinformatics and Biotechnology, University of Pune, Pune-411007	24.67	20.46 (24.3.11)	2.32472 (24.3.11)	-	
12	Microwave (MV) Enhanced Air Heating and Drying System for Value addition of Agro-based Products: Dehydration and Disinfestations	Dr. Girish Kumar, Professor Department of Electrical Engineering, IIT Bombay, Powai, Mumbai	24.70	18.35 (29.9.12)			
13	Validation of Nutracitically important plant resources in India by DNA Barcoding using various Gene Markers of India	Dr. G.D. Khedkar Associate Professor, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad	147.240	131.540 (1 <sup>st</sup> Inst.) (27.05.2013)	12.40 (20.03.15)		
14	Processing and Packaging of Tender Coconut Water for Rural Market	Dr. N.C. Saha, Director, Indian Institute of Packaging, Andheri, Mumbai	46.664	31.582 (10.12.13)			
<b>Meghalaya</b>							
15	Low cost process development and quality evaluation of carbonated beverages made from Aloe Vera Gel Blend with extract of Amla, Sweet Lime and Ginger in Meghalaya- North East Region	Dr. Lokesh Kumar Mishra, Assistant Professor, Department of Basic Science and Humanities, College of Home Science, Central Agricultural University, Tura, Meghalaya-794005	27.22	23.26 (29.11.11) 18,657 (TA for attending TSC) (22.3.12)		-	
16	Isolation modification of nonconventional sources of starch from North Eastern Region and their potential food application	Dr. Shaatabhisa Sarkar, Associate Professor & PI, College of Home Science CAU, Tura, Meghalaya	40.184	35.592 (25.2.13)			

<b>Punjab</b>							
17	Development of process for isolation of pigments, flavonoids & Essential Oils by super critical extraction using selected foods/vegetables/spices	Prof. U.S. Shivahare, Professor (Food Technology), Department of Chemical Engineering & Technology, E 1-77, P.U., Sector 14, Panjab University, Chandigarh	47.00	23.50 (12.3.07)	23.23 (29.10.09)		
18	Development of Processing Techniques for Preserving Juvenile Shoots of nutritionally rich and Edible Bamboos of Sub- Himalayan and North Eastern Region of India	Dr. C. Nirmala Professor, Panjab University, Department of Botany, Chandigarh-160014.	1.069 Cr	86.51 (30.8.11)	-	-	
19	Development of Fortification Technology for Milk to Increase Bioavailability of Mineral	Dr. Pranav Kumar Singh, Associate Professor, Guru Angad Dev Veterinary & Animal Sciences University, Ludhiana,	70.72	62.36 (18.2.13)	6.30 (23.07.15)		
<b>Tamil Nadu</b>							
20	Exploring the use of ornamental flowers as natural food colorants	Dr. V. Ponnuswami, Dean, Horticulture College & Research Institute, Tamil Nadu Agricultural University, Periyakulam – 625604, Tamil Nadu	24.59	16.77 (28.3.11)	-	-	
21	Development of technology for resistant/modified starch substituted Cereals/ milled and pulses blended bakery and pasta products	Dr. Banumati Tamil Nadu Agricultural University, Home Science College and Research Institute, Madurai	37.96	32.97 (28.3.12)			
22	Development of Shelf Stable Chicken Meat Products with Natural Preservatives- A Hurdle Technology Approach	Dr. A. Kalaikannan, Assistant Professor, Department of Meat Science and Technology, Veterinary College and Research Institute, Namakkal-637002.	31.90	24.70 (13.8.12)			
23	Bacteriophages-A novel biopreservative for vegetable	Dr. M. Senthikumar Assistant Professor, Tamil Nadu Agricultural University, Coimbatore	67.09	63.42 (20.9.12)			
24	Pre and post harvest technologies for moringa to enhance the self life and value addition	Dr. N. Varadharaju, Professor and Head, Post Harvest Technology Centre, Agriculture Engineering College & Research Institute, Tamil Nadu Agricultural University,	38.51	19.25 16.2.10	15.40 19.3.12		
<b>Tripura</b>							
25	Development of ready-to-serve fish products through flexible retort pouch technology for Northeast Markets	Dr. R.K. Majundar, PI College of Fisheries, Central Agricultural University, Agartala, Tripura	26.402	23.821 (18.12.12)			

<b>Uttar Pradesh</b>							
26	Development of technology for the processing and preparation of value added Wood Apple	Dr. D.K. Bhatt, PI, Bundelkhand University, Kanpur Road, Jhansi-284128	39.40	19.70 (28.2.08)			
27	Development and Production Technologies for Guava Pulp Enriched Fermented Dairy Products	Dr. A.K. Chauhan, PI Banaras Hindu University, Varanasi	41.27	32.51 (21.12.12)			
<b>West Bengal</b>							
28	Food Irradiation Unit assisting (i) Food Processing Industries (ii) R&D in new areas of irradiated food & (iii) Training Centre for food irradiation specially for Eastern & North Eastern Region	Dr. Pramita Bhattacharya, Principal Investigator, Jadavpur University, Kolkata-700032, India.	3.80 Cr	1.90 Cr (18.8.06)	1.39 Cr (30.3.10)	45.14 (Balance grant) 30.3.12	
29	Ultra High Temperature Processing of Liquid Beverages and semisolid food products by microwave and electrical energy heating	Shri Amit Kumar Ghosh, Principal Investigator, Jadavpur University, Kolkata-700032, India.	44.00	22.00 (30.3.10)	17.60 (14.02.13)	-	
30	Development of Antimicrobial polymeric nanocomposite film from PET waste for packaging of milk and milk products	Dr. P.P. Kundu, Prof & Head Department of polymer, Science and Technology, University of Calcutta, Kolkata	48.291	44.083 (18.2.13)			
31	Production of functional yogurt by isolated probiotic lab strain from papaya for controlling food borne pathogens	Dr. Subhas Chandra Jana, PI Post Graduate Department of Microbiology, Bidhannagar College. W.B.	25.22	14.86			

## On-going project assisted by MoFPI through SERB

S. No.	Project Title and File No.	PI Name and Address	Date (mm/dd/yyyy)
1.	Extraction and Concentration of Bioactive Compounds and Sugars from Horticultural Processing Waste using Microwave-Membrane Technology <b>SERB/MOFPI/0036/2013</b>	<b>Dr. Amit Arora,</b> Centre for Technology Alternatives for Rural Areas (CTARA), Indian Institute of Technology Bombay, Powai, Mumbai-400076	<b>Date of Sanction:</b> 9/16/2013 <b>Date of Start:</b> 9/16/2013 <b>Date of Completion:</b> 9/15/2016
2.	Fabrication of Highly Sensitive nanocomposited MnO <sub>2</sub> /CNTs Based Sensor for Detection of Hydrogen Peroxide in Milk <b>SERB/MOFPI/0007/2014</b>	<b>Dr.(Mrs.) K. Vijayalakshmi,</b> Research Department of Physics, Bishop Heber College, Vayalur Road, Tiruchirappalli-620017	<b>Date of Sanction:</b> 6/25/2014 <b>Date of Start:</b> 6/25/2014 <b>Date of Completion:</b> 6/24/2017
3.	Development of Functional Mixed Starter Culture for Idli Using Microbial Biodiversity and Interrelationship <b>SERB/MOFPI/0013/2014</b>	<b>Dr. Prathap Kumar Shetty Halady,</b> Department of Food Science & Technology, Pondicherry University, R.V. Nagar Kalapet, Pondicherry-605014	<b>Date of Sanction:</b> 6/30/2014 <b>Date of Start:</b> 6/30/2014 <b>Date of Completion:</b> 6/29/2017
4.	Evaluation of Physiochemical, Nutritional, Pasting and Textural Characteristics of Processed Millets Based Foods. SERB/MOFPI/0014/2014	<b>Dr. P. Nazni</b> Department of Food Science & Nutrition, Periyar University, Salem-636011	<b>Date of Sanction:</b> 25-06-2014 <b>Date of Start:</b> 11-09-2014 <b>Date of Completion:</b> 10-09-2017
5.	Development of intelligent packaging sensors for monitoring quality and safety of meat and meat products in supply chain <b>SERB/MOFPI/0019/2014</b>	<b>Dr. G. Kandeepan,</b> Department of Livestock Products Technology, Indian Veterinary Research Institute, Izatnagar, Bareilly District-243122	<b>Date of Sanction:</b> 7/14/2014 <b>Date of Start:</b> 8/1/2014 <b>Date of Completion:</b> 7/31/2017

6.	Edible Confectionery Chews and Functional Beverage Mix for Increased/Sustenance of Energy Levels in Sports Personnel <b>SERB/MOFPI/0020/2014</b>	<b>Dr.(Mrs.) R Chetana,</b> Lipid Science and Traditional Foods, CSIR-Central Food Technological Research Institute, , Mysore-570020	<b>Date of Sanction:</b> 12/12/2014 <b>Date of Start:</b> 1/12/2015 <b>Date of Completion:</b> 1/11/2017
7.	Industrial Process Development for Meat Preservation by Natural extracts <b>SERB/MOFPI/0022/2014</b>	<b>Dr. M. Sukumar,</b> Centre for Food Technology, A.C. Tech Campus, Anna University, , Chennai-600025	<b>Date of Sanction:</b> 12/10/2014 <b>Date of Start:</b> 1/10/2015 <b>Date of Completion:</b> 1/9/2018
8.	Lactic acid bacteria of functional interest in nutrition of finger millet <b>SERB/MOFPI/0026/2014</b>	<b>Dr.(Mrs.) R. Subhashini,</b> Department of Agricultural Microbiology, Agricultural College & Research Institute, Tamil Nadu Agricultural University, , Coimbatore-641003	<b>Date of Sanction:</b> 12/10/2014 <b>Date of Start:</b> 1/10/2014 <b>Date of Completion:</b> 1/9/2017
9.	Development of Nano-Immuno Rapid Test to detect Mycobacterium avum subspecies paratuberculosis in Milk samples <b>SERB/MOFPI/0029/2014</b>	<b>Dr. S.V. Singh,</b> Animal Health Division, Central Institute for Research on Goats, CIRG Makhdoom, PO-FARAH, Mathura-281122	<b>Date of Sanction:</b> 12/10/2014 <b>Date of Start:</b> 1/1/2015 <b>Date of Completion:</b> 12/31/2016
10.	Development of technology for production of multigrain semolina mixes and its food application <b>SERB/MOFPI/0040/2014</b>	<b>Mr. Suresh Diliprao Sakhare,</b> Flour Milling, Baking and Confectionery Technology Department, CSIR-Central Food Technological Research Institute, , Mysore-570020	<b>Date of Sanction:</b> 12/17/2014 <b>Date of Start:</b> 1/17/2015 <b>Date of Completion:</b> 1/16/2018
11.	Development of shelf stable pork products using retort processing technology for promoting entrepreneurship in north eastern states of India <b>SERB/MOFPI/004/2015</b>	<b>Dr. S.Girish Patil,</b> Department of Livestock Products Technology, ICAR – National Research Centre on Pig, Rani Road, Guwahati-781131	<b>Date of Sanction:</b> 5/9/2015 <b>Date of Start:</b> 6/9/2015 <b>Date of Completion:</b> 6/8/2018

12.	Production of Selenium enriched functional meat through nutrient supplementation in sheep <b>SERB/MOFPI/007/2015</b>	<b>Dr. P. Baswa Reddy,</b> Department of Meat Animal Nutrition, ICAR-National Research Centre on Meat, Chengicherla, Boduppal (Post), Hyderabad-500092	<b>Date of Sanction:</b> 5/9/2015 <b>Date of Start:</b> 6/9/2015 <b>Date of Completion:</b> 6/8/2017
13.	Identification and characterisation of bioactive metabolites from the fruits of under-utilized plants: Malpighia glabra and Ixora coccinea their post-harvest processing for value addition <b>SERB/MOFPI/011/2015</b>	<b>Dr. Giridhar Parvatam,</b> Plant Cell Biotechnology Department, CSIR-Central Food Technological Research Institute, , Mysore-570020	<b>Date of Sanction:</b> 5/6/2015 <b>Date of Start:</b> 6/6/2015 <b>Date of Completion:</b> 6/5/2018
14.	Development of equipment for grating cum seed separation of Amla and a process for production of green Amla powder <b>SERB/MOFPI/012/2015</b>	<b>Dr. K. Venkatesh Murthy,</b> Department of Food Engineering, CSIR-Central Food Technological Research Institute, , Mysore-570020	<b>Date of Sanction:</b> 5/6/2015 <b>Date of Start:</b> 6/6/2015 <b>Date of Completion:</b> 6/5/2017
15.	Extraction of Proteins and Phytic Acid from Waste Rice Bran using Biocatalysis <b>SERB/MOFPI/013/2015</b>	<b>Dr. Nitin Wasanrao Fadnavis,</b> Department of Natural Products Chemistry, CSIR-Indian Institute of Chemical Technology, Uppal Road, Habsiguda, Hyderabad-500007	<b>Date of Sanction:</b> 5/6/2015 <b>Date of Start:</b> 6/6/2015 <b>Date of Completion:</b> 6/5/2017
16.	Development of nutrient rich, low GI multiple whole grain products <b>SERB/MOFPI/014/2015</b>	<b>Dr. K. Bhaskarachary,</b> Food Chemistry Division, National Institute of Nutrition (ICMR), Jamiaosmania, Hyderabad-500007	<b>Date of Sanction:</b> 5/6/2015 <b>Date of Start:</b> 6/6/2015 <b>Date of Completion:</b> 6/5/2018
17.	Biodegradable Polymer based Thermally Conductive Packaging Films 'Thermo-Pack' <b>SERB/MOFPI/020/2015</b>	<b>Dr. Vimal Katiyar,</b> Department of Chemical Engineering, Indian Institute of Technology, , Guwahati-781039	<b>Date of Sanction:</b> 5/6/2015 <b>Date of Start:</b> 6/6/2015 <b>Date of Completion:</b> 6/5/2017

18.	Industry waste water treatment adopting pulsed power technique <b>SERB/MOFPI/021/2015</b>	<b>Dr. Ligy Phillip,</b> Department of Civil Engineering, Indian Institute of Technology Madras, , Chennai-600036	<b>Date of Sanction:</b> 5/6/2015 <b>Date of Start:</b> 6/6/2015 <b>Date of Completion:</b> 6/5/2017
19.	Development of technologies for value addition to under utilized rhizomes <b>SERB/MOFPI/023/2015</b>	<b>Dr. M. Madhava Naidu,</b> Department of Spices & Flavour Science, Central Food Technological Research Institute, , Mysore-570020	<b>Date of Sanction:</b> 5/6/2015 <b>Date of Start:</b> 6/6/2015 <b>Date of Completion:</b> 6/5/2018
20.	Nanopatterning with low temperature process for the production of instant foaming soluble coffee <b>SERB/MOFPI/025/2015</b>	<b>Dr. C. Anandharamakrishnan,</b> Department of Food Engineering, Central Food Technological Research Institute, , Mysore-570020	<b>Date of Sanction:</b> 5/6/2015 <b>Date of Start:</b> 6/6/2015 <b>Date of Completion:</b> 6/5/2018
21.	Isolation and Characterization of Dairy Flora of Punjab Region as Probiotic with Bio-therapeutic Potential and Development of Preservation Technology for Ready to Use Cultures <b>SERB/MOFPI/026/2015</b>	<b>Dr. Harsh Panwar,</b> Department of Dairy Microbiology, College of Dairy Science and Technology, Guru Angad Dev Veterinary and Animal Science University, , Ludhiana-141004	<b>Date of Sanction:</b> 3/30/2015 <b>Date of Start:</b> 4/30/2015 <b>Date of Completion:</b> 4/29/2018
22.	Development of Cost Effective Microwave-Infrared-UV Assisted Continuous Sterilization Process for Spices <b>SERB/MOFPI/030/2015</b>	<b>Dr. Parag Prakash Sutar,</b> Department of Food Process Engineering, National Institute of Technology, , Rourkela-769008	<b>Date of Sanction:</b> 7/29/2015 <b>Date of Start:</b> 8/29/2015 <b>Date of Completion:</b> 8/28/2018
23.	Effects of Microfluidization on the quality of fruit flavoured and low fat yoghurt <b>SERB/MOFPI/033/2015</b>	<b>Dr. Rupesh Shrikant Chavan,</b> Department of Food Science and Technology, National Institute of Food Technology Entrepreneurship and Management, Plot No 97, sect 56, HSIIDC Industrial Estate, Sonapat-131028	<b>Date of Sanction:</b> 7/29/2015 <b>Date of Start:</b> 8/29/2015 <b>Date of Completion:</b> 8/28/2018



24.	Evaluation of Anti-biofilm, Anti-microbial effect of natural compounds against food - bourne pathogens <b>SERB/MOFPI/036/2015</b>	<b>Dr.(Mrs.) Neetu Kumra Taneja,</b> Department of Basic and Applied Sciences, National Institute of Food Technology Entrepreneurship and Management, Plot No 97, sect 56, HSIIDC Industrial Estate, Sonapat-131028	<b>Date of Sanction:</b> 7/29/2015 <b>Date of Start:</b> 8/29/2015 <b>Date of Completion:</b> 8/28/2018
25.	Detection and Quantification of Animal Body Fat (Tallow)/Vegetable Fat in Milk Fat/Ghee <b>SERB/MOFPI/042/2015</b>	<b>Dr. S. Vaithyanathan,</b> Department of Animal Biochemistry, ICAR- National Research Centre on Meat, Chengicherla, Boduppal (Post), Hyderabad-500092	<b>Date of Sanction:</b> 7/29/2015 <b>Date of Start:</b> 8/29/2015 <b>Date of Completion:</b> 8/28/2017
26.	Identification of sustainable technologies for value chain development of Jackfruit <b>SERB/MOFPI/050/2015</b>	<b>Dr. R. Jaganmohan,</b> Department of Food Tech/Nutrition, Indian Institute of Crop Processing Technology,, Thanjavur-613005	<b>Date of Sanction:</b> 12/31/2015 <b>Date of Start:</b> 1/31/2016 <b>Date of Completion:</b> 1/30/2018
27.	Evaluation of nutritive values of wild and cultivated edible insects of Assam and their processing for boosting shelflife and rural economy <b>SERB/MOFPI/052/2015</b>	<b>Dr. A. K. Handique,</b> Department of Biotechnology, Gauhati University, , Guwahati-781014	<b>Date of Sanction:</b> 12/31/2015 <b>Date of Start:</b> 1/31/2016 <b>Date of Completion:</b> 1/30/2019
28.	Solar Energy Assisted On-Farm Thresher Cum Winnowing Processing Gadgets For Millet Farmers <b>SERB/MOFPI/053/2015</b>	<b>Dr. S. Shanmugasundaram,</b> Department of Food Engineering, Indian Institute of Crop Processing Technology, Pudukkottai Road, Thanjavur-613005	<b>Date of Sanction:</b> 12/31/2015 <b>Date of Start:</b> 1/31/2016 <b>Date of Completion:</b> 1/30/2018
29.	Technologies for Development of Value Added Products from Green Coffee <b>SERB/MOFPI/055/2015</b>	<b>Dr.(Mrs.) Pushpa S. Murthy,</b> Spice and Flavor Science, Central Food Technological Research Institute,, Mysore- 570020	<b>Date of Sanction:</b> 12/31/2015 <b>Date of Start:</b> 1/31/2016 <b>Date of Completion:</b> 1/30/2019

30.	Intensified Recovery of Valuable Products from Whey using Ultrasound <b>SERB/MOFPI/056/2015</b>	<b>Dr. Parag Gogate,</b> Department of Chemical Engineering, Institute of Chemical Technology, , Mumbai-400019	<b>Date of Sanction:</b> 12/31/2015 <b>Date of Start:</b> 1/31/2016 <b>Date of Completion:</b> 1/30/2019
31.	Technology of Heart Friendly Herbal - Milk Smoothe with Prophylactic Effect against CVD and Associate Risks <b>SERB/MOFPI/057/2015</b>	<b>Dr. Shaik Abdul Hussain,</b> Division of Dairy Technology, ICAR-National Dairy Research Institute, , Karnal-132001	<b>Date of Sanction:</b> 12/31/2015 <b>Date of Start:</b> 1/31/2016 <b>Date of Completion:</b> 1/30/2018
32.	Development of Functional Fish Sausage for Promoting Entrepreneurship <b>SERB/MOFPI/058/2015</b>	<b>Dr Arup Ratan Sen,</b> Post Harvest Technology, ICAR-Central Institute of Fisheries Education, Salt Lake, Kolkatta-700091	<b>Date of Sanction:</b> 12/31/2015 <b>Date of Start:</b> 1/31/2016 <b>Date of Completion:</b> 1/30/2019
33.	Rapid and confirmatory detection of important animal meat based food borne pathogens and its associated toxicants and natural toxicants by using immuno-histopathological and molecular techniques- A step towards One Health Concept <b>SERB/MOFPI/060/2015</b>	<b>Dr. Harmanjit Singh Banga,</b> Department of Veterinary Pathology, College of Veterinary Science, Guru Angad Dev Veterinary and Animal Science University (GADVASU), Ludhiana-141004	<b>Date of Sanction:</b> 12/31/2015 <b>Date of Start:</b> 1/31/2016 <b>Date of Completion:</b> 1/30/2019