List of proposal sanctioned during 2012-13

		Investigator/					
		Complete address of					Industry
Sl.No.	Title	Institute	Duration	Funds allocation		Total Cost	Contribution
				General (in Lakhs)	Capital(in Lakhs)	(in Lakhs)	(in Lakhs)
1	Development of low cost device for non-invasive management of feacal incontinence and urinary stress incontinence	Dr. Peush Sahni (Professor), Department of Gastro-intestinal (GI) surgery, All India Institute of Medical Sciences (AIIMS), New Delhi	24 months	20,40,000	1,23,900	21,63,900	2,00,000
2	Development of a mechanised system for effective sett/bud treatment of sugarcane	Dr. Ravindra Naik, Senior Scientist, Central Institute of Agricultural Engineering, CIAE - Regional Centre, Industrial Extension Project, TNAU Campus, Coimbatore 641 003, Tamil Nadu	24 months	21,11,200	5,62,000	26,73,200	2,50,000
3	Instrumented Solar Hot Air Generator (ISHAG) for optimum thermal load in tea processing	Dr. Debendra Chandra Barua, Professor & Head, Department of Energy, Tezpur University, Tezpur 784 028, Assam	36 months	23,24,800	5,30,000	28,54,800	Kind
	Development and Evaluation of Drying Systems for Important Spices of North Eastern	Dr. Ngankham Joykumar Singh, Assistant Professor, College of Agriculture, Central Agricultural University, Imphal, Department of Agricultural Engineering, College of Agriculture, Central Agricultural University, Iroisemba,Imphal 795	18	23,27,000	5,50,000	20,07,000	
4	States	004	months	10,96,000	13,94,000	24,90,000	NIL

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Development of mechical unit for production of white pepper from green pepper	Dr. E. Jayashree, Scientist (SS), Indian Institute of Spices Research, P.B. No.1701, Marikunnu P.O., Kozhikode 673 012,Kerala	18 months	10,23,800	11,00,000	21,23,800	NIL
Design and Development of Vacuum Frying System for the Production of Healthy Snacks Products	Dr. Sukumar Debnath, Senior Scientist, Department of Lipid Science and Traditional Foods, Central Food Technological Research Institute (CFTRI), Mysore 570 020	24 months	20,83,200	18,95,000	39,78,200	4,00,000
Tioducts	020	montins	20,03,200	10,75,000	37,70,200	4,00,000
Design and Development of cost effective in- situ induction motor efficiency monitoring system using the latest art of instrumentation	Shri G.S. Ayyapan, Scientist-C, Central Scientific Instruments Organisation, Chennai Centre CSIO, CSIR, Madras Complex, Taramani, Chennai 600 113.	18 months	20,65,200	40,57,000	61,22,200	4,50,000
Motorized Seed Drill for Rice Fallow Pulse- Designing and Evaluation	Dr. A. Veeramani, Ph.D., Associate Professor (Agronomy), Department of Agronomy, Agricultural College and Research Institute, Madurai 625 104, Tamil Nadu	36 months	28,24,000	NIL	28,24,000	3,73,000
Ultrasound assisted ozonator for the processing of	Dr. Navin K. Rastogi, Senior Principal Scientist, Department of Food Engineering, Central Food Technological Research Institute (CFTRRI), Mysore	24		13 00 000		NIL
	mechical unit for production of white pepper from green pepper Design and Development of Vacuum Frying System for the Production of Healthy Snacks Products Design and Development of cost effective in- situ induction motor efficiency monitoring system using the latest art of instrumentation Motorized Seed Drill for Rice Fallow Pulse- Designing and Evaluation	Development of mechical unit for production ofScientist (SS), Indian Institute of Spices Research, P.B. No.1701, Marikunnu P.O., Kozhikode 673 012,Keralagreen pepperDr. Sukumar Debnath, Senior Scientist, Department of Lipid Science and Traditional Foods, Central Food Technological Production of Healthy Snacks ProductsDr. Sukumar Debnath, Senior Scientist, Department of Lipid Science and Traditional Foods, Central Food Technological Research Institute (CFTRI), Mysore 570 020Design and Development of roductsShri G.S. Ayyapan, Scientist-C, Central Scientist-C, Central Scientific Instruments Organisation, Chennai Centre CSIO, CSIR, Madras Complex, Taramani, Chennai of instrumentationMotorized Seed Daigning and Drill for Rice Fallow Pulse- Designing and Drink Rastogi, Senior Principal Scientist, Department of Food Engineering, Central FoodUltrasound assisted ozonator for the processing ofDr. Navin K. Rastogi, Research Institute Prodecical Research Institute <br< td=""><td>Scientist (SS), Indian Institute of Spices Research, P.B.production of mechical unit for production of mite pepper from green pepperNo.1701, Marikunnu P.O., Kozhikode 673green pepperP.O., Kozhikode 67318 monthsgreen pepperDr. Sukumar Debnath, Senior Scientist, Department of Lipid Science and Traditional Foods, Vacuum Frying Vacuum FryingImage: Central Food Research Institute (CFTRI), Mysore 570Design and Development of Vacuum Frying System for the Production of Healthy SnacksShri G.S. Ayyapan, Scientist-C, Central Scientific Instruments Organisation, Chennai monthsDesign and Development of cost effective in- situ induction of efficiency monitoring system using the latest art of instrumentationShri G.S. Ayyapan, Madras Complex, URAR Complex, Madras Complex, Madras Complex, ND, Associate Professor (Agronomy), Department of Agricultural College and Research Designing and Drill for Rice Fallow Pulse- Designing and Dri. Navin K. Rastogi, Scientist, Department of Food Engineering, Central FoodMotorized Seed Designing and Dr. Navin K. Rastogi, Scientist, Department of rof Food Engineering, Central FoodUltrasound assisted ozonator for the processing ofDr. Ravin K. Rastogi, Scientist, Department of Food Engineering, Central FoodUltrasound assisted ozonator for the processing ofCentral Food</td><td>Scientist (SS), Indian Institute of Spices Research, P.B. production of white pepper from green pepperScientist, Narikunnu P.O., Kozhikode 673 012, Kerala18 monthsDesign and Development of Scientist, Department of Lipid Science and Traditional Foods, Central Food System for the Production of Healthy Snacks Development of Scientist, Department O2018 months10,23,800Design and Development of System for the Production of Healthy Snacks Development of Scientist, CFTRI), Mysore 570 O2024 months20,83,200Design and Development of Scientist-C, Central Scientific Instruments ot induction motor efficiency monitoring system using the latest art of instrumentationShri G.S. Ayyapan, Scientific Instruments Organisation, Chennai (Centre CSIO, CSIR, months20,65,200Design and Development of cost effective in- situ induction of instrumentationShri G.S. Ayyapan, Scientific Instruments (Centre CSIO, CSIR, months20,65,200Design and Department of Agronomy, Department of Agronomy, Department of Agronomy, Department of Agronomy, Department of Agronomy, Department of Agronomy, Department of Agronomy, Department of Agronomy, Department of Food Engineering, Central Food months28,24,000Ultrasound assisted or food Engineering, Central Food Central Food Central Food Central Food36 monthsUltrasound assisted or food Engineering, Central Food Central Food Central Food36 monthsUltrasound assisted processing ofCentRI, Mysore Tool24<!--</td--><td>Scientist (SS), Indian mechical unit for production of white pepper from green pepperScientist (SS), Indian Institute of Spices (Research, P.B.) monthsInstitute of Spices monthsproduction of white pepper from green pepperNo.1701, Marikunu P.O., Kozhikode 6731810,23,80011,00,000Design and Development of Vacuum Frying Vacuum FryingDer Sukumar Debnath, Senior Scientist, Department of Lipid Science and Technological Production of Research Institute (CFTRI), Mysore 5702410,23,80011,00,000Design and Development of System for the Production of Research Institute (CFTRI), Mysore 5702418,95,00018,95,000Design and Development of Scientific Instruments sotientific Instruments organisation, Chennai of instrumentationShri G.S. Ayyapan, Scientific Instruments Organisation, Chennai for antaction, Chennai for Agronomy), Department of Agricultural College and Research Ph.D., Associate Professor (Agronomy), Department of Agricultural College and Research Designing and Institute, Madurai 6253636Motorized Seed Porlascon (Agronomy, Central Food363636Ultrasound assisted ozonator for the processing of (CFTRRI), Mysore24Viltasound assisted for Coll Regineering, Central FoodNiL</td><td>Development of mechical unit for production of white pepper fromScientist (SS), Indian Institute of Spices Research, P.B. No.1701, Marikunnu P.O., Kozhikode 673Is monthsInstitute of Spices (12,23,800)green pepperDr. Sukumar Debnath, Senior Scientist, Department of Lipid Science and Traditional Foods, Vacuum Frying Healthy SnacksDr. Sukumar Debnath, Senior Scientist, Department of Lipid Science and Traditional Foods, Central Food (CFTRI), Mysore 57018 months10,23,80011,00,00021,23,800Design and Devolution of Healthy SnacksTraditional Foods, CCFTRI), Mysore 57024 months18,95,00039,78,200Design and Devolution of cost effective in- stit induction motor efficiency moitoring system of instrumentationShri G.S. Ayyapan, Scientist-C, Central Scientist-C, Central Scientist-C, Central Scientist-C, Central Food Core18 months20,83,20018,95,00039,78,200Design and Devolopment of cost effective in- stit induction organisation, Chennai Gentre CSIO, CSIR, Madras Complex, Taramani, Chennai 600 113.18 months20,65,20040,57,00061,22,200Motorized Seed Professor (Agronomy), Department of Agricultral College and Research Institute, Madurai 625 Senior Principal Senior Pincipal Senior P</td></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></td></br<>	Scientist (SS), Indian Institute of Spices Research, P.B.production of mechical unit for production of mite pepper from green pepperNo.1701, Marikunnu P.O., Kozhikode 673green pepperP.O., Kozhikode 67318 monthsgreen pepperDr. Sukumar Debnath, Senior Scientist, Department of Lipid Science and Traditional Foods, Vacuum Frying Vacuum FryingImage: Central Food Research Institute (CFTRI), Mysore 570Design and Development of Vacuum Frying System for the Production of Healthy SnacksShri G.S. Ayyapan, Scientist-C, Central Scientific Instruments Organisation, Chennai monthsDesign and Development of cost effective in- situ induction of efficiency monitoring system using the latest art of instrumentationShri G.S. Ayyapan, Madras Complex, URAR Complex, Madras Complex, Madras Complex, ND, Associate Professor (Agronomy), Department of Agricultural College and Research Designing and Drill for Rice Fallow Pulse- Designing and Dri. Navin K. Rastogi, Scientist, Department of Food Engineering, Central FoodMotorized Seed Designing and Dr. Navin K. Rastogi, Scientist, Department of rof Food Engineering, Central FoodUltrasound assisted ozonator for the processing ofDr. Ravin K. Rastogi, Scientist, Department of Food Engineering, Central FoodUltrasound assisted ozonator for the processing ofCentral Food	Scientist (SS), Indian Institute of Spices Research, P.B. production of white pepper from green pepperScientist, Narikunnu P.O., Kozhikode 673 012, Kerala18 monthsDesign and Development of Scientist, Department of Lipid Science and Traditional Foods, Central Food System for the Production of Healthy Snacks Development of Scientist, Department O2018 months10,23,800Design and Development of System for the Production of Healthy Snacks Development of Scientist, CFTRI), Mysore 570 O2024 months20,83,200Design and Development of Scientist-C, Central Scientific Instruments ot induction motor efficiency monitoring system using the latest art of instrumentationShri G.S. Ayyapan, Scientific Instruments Organisation, Chennai (Centre CSIO, CSIR, months20,65,200Design and Development of cost effective in- situ induction of instrumentationShri G.S. Ayyapan, Scientific Instruments (Centre CSIO, CSIR, months20,65,200Design and Department of Agronomy, Department of Agronomy, 	Scientist (SS), Indian mechical unit for production of white pepper from green pepperScientist (SS), Indian Institute of Spices (Research, P.B.) monthsInstitute of Spices monthsproduction of white pepper from green pepperNo.1701, Marikunu P.O., Kozhikode 6731810,23,80011,00,000Design and Development of Vacuum Frying Vacuum FryingDer Sukumar Debnath, Senior Scientist, Department of Lipid Science and Technological Production of Research Institute (CFTRI), Mysore 5702410,23,80011,00,000Design and Development of System for the Production of Research Institute (CFTRI), Mysore 5702418,95,00018,95,000Design and Development of Scientific Instruments sotientific Instruments organisation, Chennai of instrumentationShri G.S. Ayyapan, Scientific Instruments Organisation, Chennai for antaction, Chennai for Agronomy), Department of Agricultural College and Research Ph.D., Associate Professor (Agronomy), Department of Agricultural College and Research Designing and Institute, Madurai 6253636Motorized Seed Porlascon (Agronomy, Central Food363636Ultrasound assisted ozonator for the processing of (CFTRRI), Mysore24Viltasound assisted for Coll Regineering, Central FoodNiL	Development of mechical unit for production of white pepper fromScientist (SS), Indian Institute of Spices Research, P.B. No.1701, Marikunnu P.O., Kozhikode 673Is monthsInstitute of Spices (12,23,800)green pepperDr. Sukumar Debnath, Senior Scientist, Department of Lipid Science and Traditional Foods, Vacuum Frying Healthy SnacksDr. Sukumar Debnath, Senior Scientist, Department of Lipid Science and Traditional Foods, Central Food (CFTRI), Mysore 57018 months10,23,80011,00,00021,23,800Design and Devolution of Healthy SnacksTraditional Foods, CCFTRI), Mysore 57024 months18,95,00039,78,200Design and Devolution of cost effective in- stit induction motor efficiency moitoring system of instrumentationShri G.S. Ayyapan, Scientist-C, Central Scientist-C, Central Scientist-C, Central Scientist-C, Central Food Core18 months20,83,20018,95,00039,78,200Design and Devolopment of cost effective in- stit induction organisation, Chennai Gentre CSIO, CSIR, Madras Complex, Taramani, Chennai 600 113.18 months20,65,20040,57,00061,22,200Motorized Seed Professor (Agronomy), Department of Agricultral College and Research Institute, Madurai 625 Senior Principal Senior Pincipal Senior P

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		Dr. K. Venkatesh					
		Murthy, Principal					
		Scientist, Central					
	Development of	Food Technological					
	Continuous wet	Research Institute,					
	cum dry grinder for	Mysore, Department					
	grinding waxy rice	of food engineering,					
	for use in the state	CFTRI, Mysore 570	24				
	of Assam	020	months	23,34,000	10,00,000	33,34,000	3,50,000
10	01 Assain	Dr. Arun G. Maiya,	montilis	25,54,000	10,00,000	55,54,000	3,30,000
		MPT, PhD,					
		Physiotherapy, Lg-02,					
		Academic Block-05,					
		MIT Campus,					
	Design and	Manipal College of					
	Development of	Allied Health					
	Portable Pain	Sciences (MCOAHS),					
	Relieving	Manipal University,	24				
11	Instrument	Manipal 576102.	months	18,95,200	8,40,000	27,35,200	3,00,000
	Design of						
	Automatic Human	Dr. Rajendra Gaud,					
	Blood Pressure	Assistant Professor,					
	Meter Based on	D/o Electronics, Goa					
(Oscillometric and	University SPO GU,					
	Auscultation	Taleigao Plateau, Goa	24				
12	Principles	403 206.	months	11,45,600	7,77,000	19,22,600	1,50,000
		Dr.(Mrs.) Ramani V.					
	Feasibility study	Motghare, Asst. Prof.					
	on fabrication and	D/o Chemistry,					
	evaluation of	Visvesvaraya					
	electrochemical	National Institute of					
	sensor for some	Technology (VNIT),					
	beta-blockers and	South Ambazari					
			24				
	digoxin in	Nagar, Nagpur		6 65 600	0 70 500	15 26 100	NII
13	biological samples	400010.	months	6,65,600	8,70,500	15,36,100	NIL
		Dr. Niranjan D.					
		Khambete, Engineer					
		'F'(Instrumentation),					
		Sree Chitra Tirunal					
		Institute for Medical					
		Sciences and					
	Home based vital	Technology,					
	signs monitor for	Poojapura,					
	screening of sleep	Thiruvananthapuram	24				
	disorders	695 012.	months	22,96,800	7,77,600	30,74,400	3,00,000
	Smart phone based	Dr. J.S. Sahambi, D/o					
;	real time remote	Electrical Engg., IIT-					
	monitoring of	Ropar, Nangal Road,					
			24		1		
	cardiac patients	Rupnagar, Punjab	36				

	CCU's						
	Dereilen mer er f	Du Cautada Iaraula					
	Development of	Dr. Santosh Joseph,					
	endovascular stent	Prof. & Head, D/o					
	graft for	Radiology and					
	percutaneous	Imaging Sciences, Sri					
	treatment of	Ramachandra	24				
10	femeropopliteal	University, Chennai	24	25 20 000	10.70.000	54.00.000	< 0 0 000
16	diseases	600116.	months	35,30,000	18,70,000	54,00,000	6,20,000
		Mr. N. Manikandan,					
		Associate Prof. Lg-					
		02, Academic Block-					
	Design of 1	05, D/o					
	Design and	Phsiotheraphy,					
	Development of a sensor sole for	MCOAHS, Manipal	24				
17	sensor sole for stroke patients	University, Manipal 576102.	24 months	11,75,200	NIL	11,75,200	Kind
17		570102.	monuis	11,75,200	INIL	11,75,200	KIIIU
	Design and Development of	Ms. N. Subhashini,					
	Low Cost	Asst. Prof., D/o					
	Intelligent	Biomedical Engg,					
	Wheelchair for	PSG College of					
	severely	Technology,	36				
18	disabled/old people	Coimbatore 641 004.	months	20,67,200	6,08,620	26,75,820	3,00,000
10	ansacrea, ora peopre	Dr. Srinivasa Murthy	monuis	20,07,200	0,00,020	20,72,020	2,00,000
	Design and	D., Neonatologist,					
	Development of a	JSS Medical College					
	chest splint for	and Hospital, Mysore	18				
19	RDS in Neonates	570015.	months	26,95,800	NIL	26,95,800	2,50,000
-		Dr. P. Soundarajan,		. ,		, ,	
		Prof.&Head, D/o					
		Nephrology and					
		CEFT, Sri					
		Ramachandra					
		University,					
		Ramachandra Nagar,					
		Chennai 600116. and					
	Development,	Dr. D. Mohan,					
	Characterization	Membrane					
	and Validation of	Laboratory, D/o					
	Novel Ultra	Chemical Engg, A.C.					
	filtration	College of					
	Membranes for	Technology, Anna					
	Hemodialysis in	University, Chennai	24				
20	Preclinical Model	600025.	months	40,03,200	17,88,000	57,91,200	6,00,000

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	Development of						
	polymer based cost	Professor A.					
	effective	Subramahmanyam,					
	electrochromic	D/o Physics, Indian					
	devices for	Institute of					
	automative	Technology, Madras,	24				
21	applications	Chennai 600036.	months	27,53,600	NIL	27,53,600	4,00,000
		Dr. Ravindra Naik,					
		Senior Scientist,					
		Central Institute of					
		Agricultural					
	Development of	Engineering, CIAE -					
	hand held	Regional Centre,					
	instrument for on-	Industrial Extension					
	field fibre content	Project, TNAU					
	measurement in	Campus, Coimbatore	24				
22	sugarcane	641 003, Tamil Nadu	months	19,99,200	14,50,000	34,49,200	3,50,000
		Er. Abhijit Borah,					
		Research Engineer,					
	Development of a	D/o Agriculture					
	Natural Draft Gas	Engg., Assam					
	Fired Tea Dryer for	Agricultural					
	Small Tea Growers	University Jorhat	36				
23	of Assam	785013, Assam.	months	21,98,000	4,92,000	26,90,000	2,50,000
		Dr. Manoj Kumar,					
		Asst. Prof. SKUAST-					
		J, Division of Agrl.					
		Engg., FOA, Sher-e-					
	Design and	Kashmir University of					
	Development of a	Agrl. Sciences and					
	tractor operated	Technology,					
	soil compaction	Jammu(SKUAST-J),					
	measurement	Chatha, Jammu	24				
24	device	180009.	months	11,33,400	6,18,000	17,51,400	1,50,000
		Prof. S.					
		Vivekanandan, Asst.					
		Prof.(Sr.), VIT					
	Design and	University, TT 514,					
	development of	School of Electrical					
	telemedicine based	Engg. VIT University,					
	health care unit for	Vellore 632014,	24				
25	diabetic disorder	Tamil Nadu.	months	10,10,077	NIL	10,10,077	
		Ma C Valmath: D/-					
	Design and	Ms. G. Velmathi, D/o Electronics and					
	Design and	Communication					
	Development of						
	Smart Health	Engg., Velammal					
	Monotoring unit	College of Engg. &					
	for Kindergarten Children and Old	Technology, Viraganoor Madurai	36				
26		Viraganoor, Madurai		13 60 000	16 55 000	20 15 000	3,00,000
20	Age People	625 009.	months	13,60,000	16,55,000	30,15,000	3,00,000

	Development of	Dr. P.					
	network and online	Venkatachalam, Prof.					
	metering of drying	and Head, D/o					
	parameters of	Bioenergy,					
	Biomass Hot Air	Agricultural Engg.					
	Generation System	College & Research					
	Integrated with	Institute, Tamil nadu					
	Solar Tunnel Dryer	Agricultural					
	for agro products	University,	24				
27	drying applications	Coimbatore 641003.	months	11,76,400	17,00,000	28,76,400	3,50,000