

Projects sanctioned under Cold Desert Regions (CODER), Sustainable Agriculture and Rural Transformation Holistic Initiative (SARTHI) Programmes, Technological Intervention for Addressing Societal Needs (TIASN), Scheme for Young Scientists and Technologists (SYST) and Technological Intervention for Disabled and Elderly (TIDE) in 2015-16.

S. No.	Title of the Project and File No.	PI and Address	Total Cost	Duration and Date of sanction
CODER Programme				
1.	SEED/TSP/CODER/020/2012 Mass trapping and mating disruption of codling moth in Ladakh to save fruit industry	Dr. Barkat Hussain Division of Entomology, SKUAST-Kashmir, Shalimar, Srinagar	Rs 33,81,348/-	28.12.2015 3 years
ASAR Programme				
2.	SEED/TIASN/ASAR-005/2012 Design & Product development of Handicraft Items using Neem Wood	Dr Satish Bhardwaj Indian Institute of Crafts & Design (IICD), Jaipur	Rs.27,35,180 /-	17.12.2015 2 years
SARTHI Programme				
3.	SEED/SARTHI/PUN/02/2012 Management and utilization of lantana camara to improve livelihood in Kandi region of Punjab	Dr. Avtar Singh, Punjab Agricultural University, Ludhiana.	Rs. 8,02,800/- for PAU Ludhiana Rs. 7,94,200/- for FRI, Dehradun	06.05.2015 3 years
4.	SEED/SARTHI/PUN/06/2012 Demonstration & promotion of techno-economically viable options for sustainable livelihood generation in kandi area of Punjab	Dr. Dapinder Kaur Bakshi, Punjab State Council for Science & Technology, Chandigarh.	Rs.33,06,050/-	23.04.2015 3 years
5.	SEED/SARTHI/J&K/08/2012 Mediation of root endophytes for sustainable agriculture and forestry in Kandi region of Punjab	Dr. Amit C Kharkwal, Amity University, Sector 125, Noida.	Rs.4,64,200/- (For SWRDC) Rs.7,52,840/-(For Amity University)	23.04.2015 2 years
6.	SEED/SARTHI/J&K/10/2012 Sustained cultivation of phalsa in rainfed Shivalik	Dr. Suresh Chandra, CSIR, India Institute of Integrative Medicine, Jammu	Rs. 23,57,400/-	03.07.2015 3 years
7.	EED/SARTHI/UK/14/2012 Ensuring sustainable agricultural development and livelihood security in lower	Dr. R Roy Burman, Indian Agricultural Research Institute, New Delhi.	Rs.28,39,000/- (for IARI) Rs.19,19,500/- (for CSWCRTI)	08.07.2015 3 years

	Shivalik in lower Shivalik range of Uttarakhand			
8.	SEED/SARTHI/HP/19/2012 Strategically enhancing livelihood opportunities to the very small and marginal farmers through small animal husbandry, emphasizing latest animal health	Dr. Umesh Dimri, Indian Veterinary Research Institute, Bareilly.	Rs.42,46,000/-	03.07.2015 3 years
9.	SEED/SARTHI/UK/20/2012 Rural Enterprise Technology Package for Value Added Products of Aonla, Ginger and Garlic	Dr. Rajeev Choudhary, Society for Economic and Social Studies, New Delhi.	Rs. 32,51,500/-	09.07.2015 3 years
SYST				
10.	SP/YO/001/2015 A novel energy saving method for air-conditioning systems using phase change materials in cold storage	Dr. Shanmuga Sundaram Anandan Sree Sastha Institute of Engineering and Technology Chennai-Bengaluru Highway, Sree Sastha Nagar,Chembarambakam,Chennai-600123	Rs. 17,87,511/-	15.07.2015 2 years
11.	SP/YO/002/2015 Design Development and Testing of Low Cost Post Harvest Equipments for Aonla and Jackfruit	Dr. Rama Chandra Pradhan Department of Food Process Engineering, National Institute of Technology, Rourkela-769008	Rs.10,92,140/-	29.06.2015 2 years
12.	SP/YO/003/2015 Textile reinforced concrete median barrier as cost-effective life saving technology	Dr. Smitha Gopinath CSIR-Structural Engineering Research Centre, CSIR Road, Taramani (P.O.) Chennai-600113	Rs. 21,97,200/-	16.06.2015 2 years
13.	SP/YO/004/2015 Design and Development of Manually Operated Equipments for Bamboo Stripes Manufacturing	Dr Sachin D. Kore Mechanical Engineering Department, Indian Institute of Technology, Guwahati, Assam-781039	Rs. 12,10,750/-	17.06.2015 1.5 years
14.	SP/YO/005/2015 Automatic sorting of male and female silkworm cocoons for egg production	Dr. Alex Noel Joseph Raj School of Electronics Engineering, VIT University, Vellore-632014, Tamil Nadu	Rs 9,44,760/-	17.06.2015 1.5 years
15.	SP/YO/006/2015 .Development of a Human Powered Vehicle for Sustainable Rural and Urban Transportation	Dr. S Denis Ashok Vellore Institute of Technology University, Vellore-632014, Tamil Nadu	Rs. 9,43,098/-	23.07.2015 1.5 years

16.	SP/YO/007/2015 Development of Interactive hydraulic activated device for chronic past stroke therapy	Dr. L. Ashok Kumar Electrical & Electronics Engineering PSG College of Technology, Coimbatore-	Rs.19,19,000/-	26.10.2015 2 years
17.	SP/YO/008/2015 Development of Net Shape Alumina Dental Brackets by Ceramic Injection Moulding (CIM)	Dr. Prosenjit Das CSIR-Central Mechanical Engineering Research Institute, M.G. Avenue, Durgapur-713209, West Bengal	Rs. 30,84,950/-	24.07.2015 2.5 years Rs. 30,84,950/-
18.	SP/YO/009/2015 Development of Novel Eco-friendly approach by combining two different methods for effective control of vector mosquito population in severe dengue affected areas of Tamil Nadu – laboratory scale essay	Dr. A. Koodalingam Department of Biotechnology Sri Sankara Arts & Science College Enathur, Kanchipuram, Tamil Nadu	Rs.19,16,110/-	16.09.2015 3years
19.	SP/YO/010/2015 Development and evaluation of dry powder inhaler for the chronic tuberculosis	Dr. Vaishali T. Thakkar Anand Pharmacy College Opp. Town Hall, Anand-3888001, Gujarat	Rs.20,34,992/-	20.11.2015 3 years
20.	SP/YO/011/2015 Development of Botanical Based Novel Formulation with Mosquito Larvicidal Action for Indian Population	Dr. Paul Atish Tulshiram Birla Institute of Technology And Science Pilani-333031, Rajasthan	Rs 12,19,000/-	18.08.2015 2 years
21.	SP/YO/012/2015 Isolation, Screening, Mass production and promotion Entomopathogenic fungi among the vegetable growers of Belgaum district	Dr. Ramanagouda Hadlageri University of Horticulture Sciences Bagalkot, Kittur Rani Channamma College of Horticulture, Arabhavi-591218, Gokak taluk, Belgaum District, Karnataka	Rs. 25,97,140/-	16.09.2015 3 years
22.	SP/YO/013/2015 Field evaluation of wettable powder formulation of an indigenous strain of Beauveria bassiana (Bals.) Vuill. Against Anaphalocrocis medinalis (Guenee) and Nymphuladepunctalis (Guenee)	Dr. Purnima Das Assam Agricultural University, Jorhat-13, Assam	Rs 17,50,150/-	20.08.2015 3 years
23.	SP/YO/014/2015 Evaluation of acaricidal	Dr. Somnath Roy Tocklai Tea Research Institute,	Rs. 27,53,750/-	16.06.2015 3 years

	susceptibility of Oligonychus coffeae and developing integrated resistance management strategy for the pest of tea in Assam.	Tea Research Association, Cinnamara, Jorhat-13, Assam		
24.	SP/YO/015/2015 Orchid Cultivation for socio-Economic development in the tropical hills of India	Dr. Kaveriamma M.M College of Forestry, University of Agriculture Sciences Sub-Campus Ponnampet, S.Kodagu, Karnataka-571213	Rs.24,31,200/-	17.12.2015 3 years
25.	SP/YO/016/2015 Field trials of developed plants based Biopesticide for management of major defoliator of poplar in Northern region and conduction of awareness programmes for farmers	Dr. Rashmi Forest Research Institute, Dehradun, Uttarakhand	Rs 15,21,620/-	16.06.2015 3 years
26.	SP/YO/017/2015 Socio Economic upliftment of high altitude farmers of Himachal Pradesh through transfer of micropropagation technologies for high value medicinal herbs	Dr. Hemant Sood Jaypee University of Information Technology, Waknaghat, Solan, HP-173215	Rs 14,16,800/-	24.07.2015 3 years
27.	SP/YO/018/2015 Socio-environmental impact and future implications of illegal coal mining in the foothill people of Nagaland	Dr. Temsulemba Walling Department of Geology Nagaland University, Kohima Campus, Meriema, Kohima-797001, Nagaland	Rs. 24,47,508/-	15.06.2015 2 years
28.	SP/YO/019/2015 Municipal solid waste carbonation and utilization :A cleaner Approach for energy conservation and carbon dioxide sequestration	Dr. Nimisha Tripathi Shree Lalji Prashikshan Kendra Dhanbad-826015, Jharkhand	Rs.13,55,200/-	30.09.2015 2 years
29.	SP/YO/021/2015 Establishment of Mother plant nurseries for elite quality planting material of fruit crops in Hyderabad-Karnataka Region	Dr. Kavita Kandpal Department of Horticulture ,MARS College of Agricultural Sciences, Raichur-584104	Rs.20,19,150/-	21.09.2015 2 years
30.	SP/YO/023/2015 Introduction and Popularization of Technology suitable for Rejuvenation of Aged Coffee plants for enhancing the growth and yield from coffee cultivation	Mrs. Saiy Veena P.P Malabar Social Sevice Society Kannur(MASSS)	Rs.15,07,000/-	20.10.2015 3 years

	in Wayanadu and Kannur districts of Kerala state			
31.	SP/YO/005/2014 Development of Green composite for rural housing	Shri Bhuvneshwar Rai Shriram Institute for Industrial Research,19, University Road,New Delhi-110007	Rs. 10,58,500/-	24.02.2016 1 year
32.	SSP/TIASN/HN-001/2014 Development of gluten free food Formulations for the management of Intestinal allergies like celiac disease	Dr. Yogendra S. Padwad CSIR-Institute of Himalayan Bio-resource Technology, Holta, Palampur-176061, H.P	Rs.45,69,050/-	9.12.2015 3 years
33.	SEED/TIASN/NF-001/2013 To resolve water & livelihood related issues through undertaking Rain water harvesting interventions in mountain villages of Sirmour District of Himachal Pradesh	Sh. Rajender Kumar, SATHI (Social Awareness through human involvement) VPO-thakurdwara, Teh. Pachhad, Distt. Sirmour,Himachal Pradesh-173024	Rs.11,68,970/-	18.06.2015 2 years
34.	SEED/TISN/006/2013 One time user friendly biogas plant for rural areas of maharashtra	Sh. Narender Jagdish Zende, Appropriate Rural Technology Institute Maninee Apartments, S.No. 13, Dhariyagaon,Pune 411041	Rs.14,74,500/-	18.06.2015 3 years
35.	SEED/TIASN/008/2013 Design and Development of Small Scale Grain storage System for Food Safety	Prof. Santosh Satya, Hauz Khas, IIT Delhi-110016	Rs.31,81,616/-	10.12.2015 3 years
36.	SEED/TIASN/010/2013 Demonstration of nematode management technologies and farmer's training in rice and wheat under rice-wheat cropping system.	Dr. Pankaj, IARI-Indian Agricultural Research Institute 011-25846626	Rs. 13,25,000/-	6.07.2015 2 years
Technological Intervention for Disabled and Elderly (TIDE)				
37.	Neurofeedback training for elderly persons with a) Parkinson's Disease b) Increased stress level SSD/TISN/049/2011	Dr. Kalaivani M Department of Biomedical Engineering, Jerusalem College of Engineering, Chennai-600100	Rs.5,00,000/-	
38.	Development of a Coherent Communication System (CCS) for Comatose and Elderly People with Multiple Disabilities SEED/TIDE/024/2013	Mrs. K Padma Vasavi Department of Electronics and Instrumentation Shri Vishnu Engineering College for Women Bhimavaram – 534 202,	Rs.10,00,000/-	

		Andhra Pradesh		
39	Healthcare of Elderly Person through Science and Technology Intervention of Naturopathy and Yoga SSD/TISN/065/2011 - TIE	Dr. R. M. Nair Bapu Nature Cure Hospital & Yogashram Gandhi Nidhi, Patparganj, Mayur Vihar Phase – 1, New Delhi – 110 091	Rs.10,00,000/-	
40.	Medicine Recognition System and Alerting Device for Geriatrics and Visually Challenged SEED/TIDE/043/2013	Dr. K V N Sunita BVRIT Hyderabad College of Engineering for Women, Nizampet Road, Bachupally Hyderabad – 500 090	Rs.24.45,728/-	
41	Invention of an adjustable bed side reading table for the elderly and plan for its improvement in design and to make prototype models for its manufacturing”	Shri. Sharad Nadagauda A1/1001, Vikas Complex, Castle Mills Compound LBS Raod, Thane – 400 601	Rs.1,50,000/-	
42	FES Devices for Neuromuscular Rehabilitation	Dr. Suresh Devasahayam Department of Bio-Engineering Christian Medical College, Vellore – 632 002	Rs. 32,36,000/-	
43	Development of Interline Braille Writing Slate for the Visually Handicapped Education	Dr. Milan Das, Mother Mary Educational Trust, Angu Nagar, Collectorate Post, Dindigul District – 624 004, Tamil Nadu	Rs.8,25,000/-	
44	Implementation of Customizable Wireless Sensor Node for Monitoring Activity and Health of Elderly People SSD/TISN/047/2011-TIE	Dr. A Balaji Ganesh Velammai Engineering College, Surapet, Chennai – 600066	Rs.2,50,000/-	
45	Development of Educational Suite for Training Visually Impaired Students in Computer Programming and Information Technology Skills SEED/TIDE/003/2012	Dr. A. Raghunath Department of Information Technology Vignan University, Vadlamudi – 522 213	Rs.7,00,000/-	
46	Scaling the Rural Enterprise	Dr. D. Raghunanadan CTD, SESS, D-158, Lower Ground Floor Saket, New Delhi-110 017	Rs.20,00,000/-	
47	A cognitive communicative self-learning tool SEED/TIDE/005/2013	Dr. Jayashree S. Bhatt Kasturba Medical College, Manipal University, Mangalore-575001	Rs.4,00,000/-	

48.	Healthcare of Elderly Person through Science and Technology Intervention of Naturopathy and Yoga SSD/TISN/065/2011 - TIE	Dr. R. M. Nair Bapu Nature Cure Hospital & Yogashram Gandhi Nidhi, Patparganj, Mayur Vihar Phase – 1, New Delhi – 110 091	Rs.6,00,000/-	
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