

Projects sanctioned under Technological Intervention for Addressing Societal Needs (TIASN) Scheme, Technology Interventions for Disabled and Elderly (TIDE) Programme, Technology Intervention for Mountain Ecosystem: Livelihood Enhancement through Action Research & Networking (TIME-LEARN) programmed and Scheme for Young Scientists and Technologists (SYST) in 2016-17.

S. No.	Title of the Project and File No.	PI and Address	Total Cost	Duration & Date of sanction
Technological Intervention for Addressing Societal Needs (TIASN)				
1	Improving Women and Child Health in Rural/Tribal India Using Novel Diagnostic Technologies SEED/TIASN-2/002/2014	Dr. Dileep V. Mavalankar , Director, Indian Institute of Public Health, Gandhinagar, Opp. Airforce Head Quarters, Nr. Lekawada Bus Stop, Lekawada, CRPF P.O., Gandhinagar – 382 042.	Rs.2,98,59,680/- [Rs.1,95,67,080 /-(G)+ Rs.1,02,92,600/- (C)]	3 years Dt. 01-03-17
2	SSD/TISN/017/2012 Secured cloud based voice over IP application for telemedicine to rural India	Dr. N. Jeyanthi School of Information Technology and Engineering, VIT University, Vellore, Tamil Nadu	Rs.17,26,902/-	06.09.2016 2 years
3	SSP/TIASN/NF/002/2014 Enhancing Livelihood of Handloom Weavers through upgradation and training in Samathur Block, Pollanchi in Tamil Nadu	Dr. G Ramakrishnan Department of Fashion Technology, Kumaraguru College of Technology, Coimbatore	Rs.15,65,200/-	24.08.2016 2 years
4	SEED/TIASN/002/2015 Demonstration cum Training on Improved Black Gram production Technology Among the Small and Marginal Farmers of Balasore District of	Dr. Achuta Nanda Dash Department of Entomology, Socio Cultural Development Centre At-Pandia, PO-Biridi	Rs.14,60,800/-	19.07.2016 2 years

	Odisha	Road, Jagatsinghpur – 754103, Odisha		
5	SEED/TIASN/014/2015 Integration of Societal Approach for Transforming Weaker Section Communities to their Continuous Upliftment through Innovation of Different Sustainable Technologies	Dr. Somnath Saha Agriculture, Community for Social Work, 84, Rabindra Pally, P.O. Shyamnagar, District: North 24 Parganas, West Bengal – 743127	Rs.15,92,800/-	17.02.2017 2 Years
6	SEED/TIASN/001/2016 Heliostat based Solar Park (Heating & Generation Combined)	Dr. Hardeep Singh Ryait Electronics and Computer Engineering Baba Banda Singh Bahadur Engineering College, Chandigarh Road Fatehgarh Sahib – 140407	Rs.9,19,844/-	21.06.2016 2 years
7	SEED/TIASN/002/2016 Comparative Study of Different Drugs Loaded Nano_Carrier Topical Modules for Treatment of Psoriasis	Dr. Raj Kumar Narang ISF College of Pharmacy, Moga, Punjab – 142001	Total = Rs.36,00,360/- DST Share = Rs.28,57,360/-	29.07.2016 3 years
8	SEED/TIASN/010/2016 Production of health promoting Eggs from Backyard poultry in Namakkal District	Dr. M. Moorthy Department of Veterinary and Animal Husbandry Extension Education Veterinary College and Research Institute, Namakkal – 637002	Rs.13,13,060/-	05.01.2017 3 years
9	SEED/TIASN/013/2016 Formulation and Evaluation of processed millet flour based oral rehydration solution in the management of childhood diarrhea	Dr. P. Nazni Department of Food Science, Periyar University, Salem, Tamil Nadu	Rs.28,71,900/-	10.02.2017 3 years

10	SEED/TIASN/019/2016 Earth Powered Light	Dr. Vinod Kumar Chandigarh University, Garuan, Mohali, Punjab- 140413	Rs.19,19,800/-	06.03.2017 2 years
11	SP/WS/006/2013 Integrated Stone Carving and Making of construction materials using sandstone and serpentinites in Manipur	Mr. Sanasam Subhamenon Singh Manipur Educational Development and Research Association, Imphal West, Manipur	Total cost = Rs.33,22,800/- DST share= Rs.25,22,400/-	20.09.2016 3 years

Technology Interventions for Disabled and Elderly (TIDE) Programme

Sl. No.	Titled of the project	Name of the Principal Investigator and Details of the Organization	Total Cost and Duration
1.	Navigator and Collision Avoidance System for Visually Impaired SEED/TIDE/038/2015	Dr. Krishnarao Venkatesh Department of Computer Science and Engineering, Nitte Meenakshi Institute of Technology, P.O. No. 6429, Govindapura, Gollahalli, Yelahanka, Bangalore-560 064, Karnataka	Rs. 66,48,455/- (3 years)
2.	Biosensor Based Control Interface for Lifelike Mobility of a Trans-radial Prosthetic Arm SEED/TIDE/034/2015	P. Shiva Subhashini Department of Biomedical Engineering, B V Raju Institute of Technology, Narsapur – 202 313, Medak district, Telangana State	Rs. 65,20,731/- (3 years)
3.	To Develop and Validate Automated Home Amsler Grid (E-AMSLER) for Screening Sight Threatening Eye (Macular) Diseases SEED/TIDE/015/2014	Dr. Ramesh S Ve Department of Optometry, School of Allied Health Sciences, Manipal University, Manipal – 576 104, Karnataka	Rs. 30,51,699/- (2 years)
4.	Development of Adhesive Tactile Walking Surface	Dr. R. Vijaya Prakash	Rs.

	Indicator for Elderly and Visually Impaired People SEED/TIDE/035/2015	Department of Computer Science and Engineering, SR Engineering College, Anathasagar, Hasanparthy, Warangal-506 371	84,42,936/- (3 years)
5.	Design Fabrication and Characterization of MEMS Microphone with Signal Conditioning Circuitry for Hearing Aid Application SEED/TIDE/036/2015	Prof. Veda Sandeep Nagaraja, Department of Electronics & Communication Engineering, Nitte Meenakshi Institute of Technology, P.O. No. 6429, Govindapura, Gollahalli, Yelahanka, Bangalore-560 064, Karnataka	Rs. 46,72,581/- (3 years)
6.	Automatic generation of sign language from Hindi Text for communication and education of hearing impaired people SEED/TIDE/011/2015	Dr. Parteek Kumar Department of Computer Science & Engineering, Thapar University, Patiala-147004	Rs. 17,26,560/- (3 years)
7.	A Visualization framework to enhance the learning of hearing impaired children SEED/TIDE/012/2015	Dr. R. Kumar Department of Information Technology, Rajalakshmi Engineering College, Rajalakshmi Nagar, Thandalam, Chennai – 602 105	Rs. 28,56,803/- (2 years)
8.	TOBY Playpad for Computer Assisted Intervention for Children with Autism in India SEED/TIDE/051/2013	Dr. Nidhi Singhal, Action for Autism, Pocket 7 & 8, Jasola Vihar, New Delhi – 110 025	Rs. 28,23,600/- (3 years)
9.	Development of Apex Locating, Anti- microbial and Adaptive Gutta Percha Points for Root Canal Applications SEED/TIDE/024/2015/SRM	Dr. S. Mahalaxmi Department of Conservative Dentistry and Endodontics, SRM Dental College, Bharathi Salai, Ramapuram Campus, Chennai - 600 089, Tamil Nadu & Dr. G Rajkumar Department of Physics, Easwari Engineering College, Ramapuram, Chennai - 600 089, Tamil Nadu	Rs. 34,82,190/- (3 years)

10.	On Board Phase 2: Design, implementation and testing of improved version based on feedback from the pilot trial SEED/TIDE/008/2012-II	Prof. M. Balakrishnan Department of Computer Science and Engineering, Indian Institute of Technology Delhi, Hauzkhass, New Delhi – 110 016	Rs. 46,12,740/- (9 Months)
11.	Visual – Verbal machine interpreter fostering Hearing Impaired Elderly SEED/TIDE/013/2014	Dr. P V V Kishore Department of Electronics & Communication Engineering, KL University, Green Fields, Vaddeswaram– 522 502, Guntur District	Rs. 62,65,037/- (3 years)

Technology Intervention for Mountain Ecosystem: Livelihood Enhancement through Action Research & Networking (TIME-LEARN) programme

S. No.	Title of the Project and File No.	PI and Address	Total Cost	Duration & Date of sanction	1 st Installment
1	Promotion of Soil and Water Conservation Technologies for Improving Agriculture System in Rainfed Area of Jammu District. SEED/TIME/001/2014	Dr. R. K. Srivastava, Associate Professor Division of Agricultural Engineering SKUAST-J, Chatha, Jammu-180 009 Jammu and Kashmir.	Rs. 47,35,000/- (T) Rs. 27,94,000/- (G) Rs. 19,41,000/- (C)	3 Years Dt.- 23-02-2017	Rs. 08,00,000/- (G) Rs. 19,41,000/- (C) Dt.- 23-02-2017
2	Appropriate technological interventions for addressing human-wildlife conflict in Pir Panjal, Jammu and Kashmir SEED/TIME/002/2014	Mr. Pankaj Chandan, Head, Western Himalayas Landscape, WWF-India, Rajouri, J&K – 185 131 & Department of Wildlife Protection, J and K.	Rs. 31,60,000/- (T) Rs.26,28,000/- (G) Rs.05,32,000/- (C)	2.5 Years Dt.- 10-08-2016	Rs.11,99,000/- (G) Rs.05,32,000/- (C) Dt.- 10-08-2016
3	Scientific intervention to improve production in	Dr. Rajesh Katoch,	Rs. 39,74,430/- (T) Rs.17,40,000/- (C)	3 Years	Rs.17,40,000/- (C)

	dairy, poultry, beekeeping and value addition of animal products in low hills rain fed areas of Jammu Region. SEED/TIME/003/2014	Faculty of Veterinary Science and Animal Husbandry, Sher-e-Kashmir University of Agricultural Sciences and Technology of Jammu, R. S. Pura, J & K - 181102.	Rs.22,34,430/- (G)	Dt- 01-07-2016	Rs.07,00,000/- (G) Dt.- 01-07-2016
4	Innovative technological interventions to address basic household needs of the tribal people of Zanskar valley. SEED/TIME/004/2014	Dr. Rizwan Rashid Asst. Professor & Scientist Incharge, Highland Agriculture Research and Extension Station, Zanskar, Ladakh SK Univ of Agri Sciences & Technology of Kashmir & Dr. Lal Singh, Director, Himalayan Research Group, Umesh Bhavan, Chotta Shimla, Shimla -171 002, Himachal Pradesh.	Rs. 33,49,218/- (T) Rs.31,89,970/- (G) Rs.1,59,248/- (C)	2 Years Dt-04-07-2016	Rs.22,81,955/- (G) Rs.1,59,248/- (C) Dt-04-07-2016
5	Establishment of virus free elite mother block of apple in the tribal areas of Kinnaur and Lahaul Spiti in Himachal Pradesh. SEED/TIME/005/2014	Dr. Santosh Watpade, IARI Regional Station,(CHC), Amartara Cottage, Shimla, & Director, Central Potato Research Institute, Shimla 171001, & Hill Agriculture and Rural Development Promotion	Rs. 26,30,246/- (T) Rs.26,30,246/- (G)	3 Years Dt-01-07-2016	Rs.11,00,000/- (G) Dt-01-07-2016

		Society , Bhasin Kutir, Engine Ghar, Sanjauli, Shimla- 171006			
6	Characterization, Conservation and Protection (Registration) of Farmer's Varieties in Himachal Pradesh and Uttarakhand. SEED/TIME/006/2014	Dr. J. C Rana , Principal Scientist, National Bureau of Plant Genetic Resources Regional Station, Phagli, Shimla – 171 004 & Dr. T. R. Sharma , Professor, Department of Biotechnology, CSK HPKV, Palampur – 176 062 (HP) Tel: 01894-230314 & Dr. S.K. Sharma , CSIR Emeritus Scientist, CSIR-Institute of Himalayan Bioresource Technology, Palampur-61	Rs. 31,11,000/- (T) Rs.31,11,000/- (G)	3 Years Dt-01-07-2016	Rs.8,80,000/- (G) Dt-01-07-2016
7	Evaluation of shelf life and quality of solar dried products of mountain horticulture crops. SEED/TIME/007/2014	Dr. R K Aggarwal , Assistant Professor, Department of Environmental Sciences , Dr. Y.S. Parmar University of Horticulture & Forestry, Nauni, Solan - 173230 (HP).	Rs. 27,74,300/- (T) Rs.18,19,300/- (G) Rs.9,55,000/- (C)	3 Years Dt-09-08-2016	Rs.6,34,000 (G) Rs.9,55,000 (C) Dt-09-09-2016
8	Use of local bio-resources in the hills for mass production and popularization of botanical bio-pesticides for the production of vegetables and flowers.	Dr. H.R. Gautam , Senior Scientist, Department of Plant Pathology, Dr. Y. S. Parmar University of	Rs. 20,67,000/- (T) Rs.20,67,000/- (G)	3 Years Dt.-04-08-2016	Rs.5,76,000/- (G) Dt-04-08-2016

	SEED/TIME/009/2014	Horticulture and Forestry, Nauni, Solan – 173230 H. P.			
9	Pollination management, indigenous bee keeping in mud hives System in Wet-Temperate Zone (Sadar Mandi area) of H.P. SEED/TIME/010/2014	Shri. Bhopinder Mehta, Society for Farmers Development, Vill. Talahar, P.O. Nagwaln, Mandi (H.P.) 175121 & Dr. Y.S. Parmar University of Horticulture & Forestry, Regional Horticulture Research Station, Bajoura, Distt. Kullu.	Rs. 15,95,000/- (T) Rs.13,93,000/- (G) Rs.2,02,000/- (C)	2 Years Dt. 07-07-2016	Rs.8,43,000/- (G) Rs.2,02,000/- (C) Dt. 07-07-2016
10	Up gradation of conventional river rope way crossings exist in rural/hilly terrains over main rivers. SEED/TIME/011/2014	Er. Ganga Ram Society for Technology & Development (STD), Village – Malori, P. O. Behna, Teh. Sadar, Distt. Mandi (H. P.) 175006.	Rs. 28,29,000/- (T) Rs.28,29,000/- (G)	3 Years Dt. 19-08-2016	Rs.09,42,000/- (G) Dt. 19-09-2016
11	Value addition of traditional and underutilized bioresources for functional food development. SEED/TIME/013/2014	Dr. Mahesh Gupta, CSIR-Institute of Himalayan Bioresource Technology, Post Box No.6, Palampur – 176 061, H.P.	Rs. 33,72,941/- (T) Rs.22,14,450/- (G) Rs.11,58,491 /-(C)	3 Years Dt. 04-08-2016	Rs.7,01,520/- (G) Rs.11,58,491 /-(C) Dt. 04-08-2016
12	Technological Interventions and Networking for Basic Community Needs in Mountains of Himachal Himalayas. SEED/TIME/026/2014	Dr. Lal Singh, Himalayan Research Group, Umesh Bhavan, Chotta Shimla, Shimla -171 002, HP &	Rs. 29,64,000/- (T) Rs.27,65,000/- (G) Rs.01,99,000/- (C)	3 Years Dt. 06-07-2016	Rs.9,90,000/- (G) Rs.1,99,000/- (C) Dt. 06-07-2016

		Dr. Kulraj Kapoor, Himalayan Forest Research Institute (HFRI), Conifer Campus, Panthaghat, Shimla – 171009			
13	Conservation of plant genetic wealth of Uttarakhand and pre-breeding through community participation, protection of landraces and farmers varieties and benefit sharing. SEED/TIME/014/2014	Dr. Anand Singh Jeena, Professor, Genetics and Plant Breeding, G.B. Pant Univ. of Agriculture & Technology, Pantnagar - 263145, Uttarakhand & Sh. Rajendra Singh Bisht, Himalayan Gram Vikas Samiti (HGVS), Gangolihat, Dasaithal - Sonkihat Rd, Futsil, Uttarakhand-262522 & Dr. Harpal Singh Negi, Uttaranchal Youth and Rural Development Centre (UY&RDC), Narayanbagar, District Chamoli, Uttarakhand-246455	Rs.49,83,000/- (T) Rs.34,17,000/- for G.B. P. Univ. (Rs.18,46,000/- (G) +Rs.15,71,000/- (C) & Rs.7,83,000/- (G) for HGVS & Rs.7,83,000/- (G) for UY&RDC	3 Years Dt. 28-03-2017	Rs.6,00,000/- (G) Rs.15,71,000/- (C) for G. B. P Rs.2,50,000/- (G) for HGVS & Rs. 2,50,000/- for UY & RDC Dt.28-03-2017
14	Delivery model for eco-friendly multi-hazard resistant construction technologies and water solutions in mountain states. SEED/TIME/018/2014	Ms. Zeenat Niazi, Society for Development Alternatives, B-32, TARA Crescent, Qutub Institutional Area, New Delhi – 110016	Rs. 1,07,88,000/- (T) Rs. 83,53,000/- (G) Rs. 24,35,000/- (C)	3 Years Dt.- 20-02-2017	Rs. 23,00,000/- (G) Rs. 19,75,000/- (C) Dt.- 20-02-2017
15	Bio-prospecting of	Dr. Vineet	Rs. 21,64,000/- (T)	3 Years	Rs.5,28,000/

	Essential oils. SEED/TIME/020/2014	Kumar, Scientist – F, Forest Research Institute, P.O- New Forest, Dehradun – 248006	Rs.16,68,000/- (G) Rs.4,96,000/- (C)	Dt.- 11-07- 2016	- (G) Rs.4,96,000/ - (C) Dt.-11-07- 2016
16	Restoration of Ecology and economy of the affected disaster area of Uttarakhand Under TIME program. SEED/TIME/021/2014	Dr. Kiran Negi, Himalayan Environmental Studies and Conservation Organization (HESCO), HESCO Goan, Vill. - Shuklapur, P.O. - Ambiwala, Via - Prem Nagar, District - Dehradun, Uttarakhand – 248 001.	Rs. 31,51,000/- (T) Rs.31,51,000/- (G)	3 Years Dt. 11-07- 2016	Rs.17,70,00 0/- (G) Dt-11-07- 2016
17	Promotion of Polyhouse Vegetable Production Technology for livelihood security in Champawat and Pithoragarh border districts of Uttarakhand. SEED/TIME/024/2014	Dr. D.K. Singh, Professor, Department of Vegetable Science, College of Agriculture, G.B. Pant Univ. of Agric. & Tech., Pantnagar – 263 145 (Uttarakhand)	Rs. 55,54,000/- (T) Rs.35,54,000/- (G) Rs. 20,00,000/- (C)	3 Years Dt.- 23-02- 2017	Rs. 12,00,000/- (G) Rs. 20,00,000/- (C) Dt. 23-02- 2017
18	Enhancement of livelihood options based on locally available resources in disaster affected villages in Kedar valley of Uttarakhand. SEED/TIME/028/2014	Dr. R. K. Maikhuri, Scientist F & Incharge. G. B. Pant Institute of Himalayan Environment and Development, Garhwal Unit, P. Box 92, Srinagar (Garhwal) - 246174,Uttarakha nd	Rs. 31,89,980/- (T) Rs.29,80,480/- (G) Rs.2,09,500/- (C)	3 Years Dt-14-07- 2016	Rs.11,00,00 0/- (G) Rs.2,09,500/ - (C) Dt.14-07- 2016

19	Dissemination and evaluation of technologies through networking of various institutes and organization of mountain ecosystem (Co-ordination proposal) SEED/TIME/019/2014	Dr. Anil P Joshi, Himalayan Environmental Studies and Conservation Organization (HESCO), HESCO Goan, Vill. - Shuklapur, P.O. - Ambiwala, Via - Prem Nagar, District - Dehradun, Uttarakhand – 248 001. & Dr. Ruchi Badola Scientist-G/ Senior Professor, Deptt. Ecodevelopment Planning & Participatory Management Wildlife Institute of India, Chandrabani, Dehra Dun – 248001, Uttarakhand	Rs. 75,55,384/- (T) Rs.75,55,384/- (G)	3 Years Dt.- 28-02-2017	Rs. 24,69,296/- (G) {HESCO- Rs.13,25,700/- WII- Rs. 11,43,596/-} Dt.-28-02-2017
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Scheme for Young Scientists and Technologists (SYST)

Sl.No.	Title of the project and File no.	PI and Address	Total Cost	Duration and Date of Sanction
1.	SP/YO/003/2016 Isolation and Characterization of Novel Oxalate degrading Lactic acid bacteria for possible probiotic management of kidney stone	Dr. Santosh Kumar Mishra College of Dairy Science and Technology, Guru Angad Dev Veterinary and Animal Science University, Ludhiana, Punjab-141004	Rs.14,46,400/-	22.09.2016 3 years
2.	SP/YO/009/2016	Mrs. Ankita Misra	Rs.25,31,200/-	17.03.2017 3 years

	Development of Plant Based Synergistic Natural Supplement and its Pharmacological Validation to Alleviate Gouty Arthritic Conditions	CSIR-National Botanical Research Institute, Lucknow-226001		
3.	SP/YO/010/2016 Development and Validation of a diagnostic kit for early detection of HPV infection in Cervical cancer	Dr. N. Sudhakar Department of Biotechnology, Dr.M.G.R. Educational and Research Institute, Maduravoyal, Chennai-600095	Rs.20,57,000/-	17.02.2017 3 years
4.	SP/YO/014/2016 Development of Jute Fabric based Synthetic Plaster cast for Orthopaedic Immobilization	Mrs Runumi Gogoi Shriram Institute for Industrial Research, 19, University Road, New Delhi-110007	Rs.16,67,100/-	20.10.2016 2 years
5.	SP/YO/018/2016 Development of Indigenous 2D & 3D Retinal Imaging device	Dr. K. Murugadass Amrita VishwaVidyapeetham-University Amrita Nagar,Coimbatore-641112,Tamil Nadu	Rs.10,80,362/-	07.11.2016 3 years
6.	SP/YO/026/2016 Application of pullulan based Edible Active Films and Coatings (EAFC's) in shelf life extension and packaging of fresh produce	GVS Ramakrishna Department of Biotechnotogy, K.L. University, Green fields,Vaddeswaram, Guntur (Dist.), Andhra Pradesh-522502	Rs.12,49,380/-	19.09.2016 3 years
7.	SP/YO/031/2016 Bioreactor enhanced biorecovery of manganese from mining waste residue	Dr. Alok Prasad Das Department of Chemical And Polymer Engineering, Tripura University, A Central University, Suryamaninagar, Agartala	Rs.32,51,148/-	05.10.2016 3 years
8.	SP/YO/038-1/2016(G) Investigation on Hybrid Solar Desalination System integrated with humidification,	Dr. Hitesh N Panchal Government Engineering College, At & Po:Katpur, Patan-384265	Rs.9,54,610/-	16.01.2017 2 years

	dehumidification and single stage flashing water evaporation for rural application			
9.	SP/YO/039/2016 Design and Development of Smart Monitoring System for Livestock Emissions	Ms. Sudeshna Bagchi CSIR-Central Scientific Instruments Organization, Chandigarh	Rs.20,89,520/-	12.09.2016 3years
10.	SP/YO/051/2016 Hierarchically nanopatterned polymer adsorbents: decontamination of as from drinking water resource	Dr. Bhagyashree A. Korde CSIR-National Environmental Engineering Research Institute(NEERI) Nehru Nagar Nagpur	Rs.26,55,500/-	27.02.2017 3 years
11.	SP/YO/052/2016 Manufacture of low cost building brick for rural housing through mineral cementation technology	Dr. Surabhi Dipali Muduli CSIR-Institute of Minerals and Materials Technology, Bhubaneswar – 751013, Odisha	Rs.32,16,330/-	30.03.2017 3 years
12.	SP/YO/054/2016 Development of Battery Supercapacitor Hybrid Energy Storage System for Stand-alone Solar Photovoltaic Power System	Dr. Munmun Khanra National Institute of Technology, Silchar, Dist– Cachar, Assam-788010.	Rs.22,21,816/-	28.11.2016 3 years
13.	SP/YO/060/2016 Distributed predictive mental health analytics of netizens using advances in data mining	Dr. Manasi Samarth Patwardhan Vishwakarma Institute of Technology, 666, Upper Indira Nagar, Bibwewadi, Pune, Maharashtra-411037	Rs.15,09,189/-	17.02.2017 3 years
14.	SP/YO/075/2016 Mass production of native <i>Trichoderma</i> spp with locally available agricultural waste or substrates and its promotion among the vegetable	Dr. Bireswar Sinha Department of Plant Pathology, College of Agriculture, Central Agricultural University, Imphal, Manipur-795 004	Rs.26,58,622/-	26.09.2016 2 years

	growers in Manipur			
15.	SP/YO/080/2016 Synergistic effect of Modified Atmosphere Packaging (MAP) and antimicrobial edible packaging on shelf life of composite dairy foods (Doda burfi and bottle gourd burfi)	Dr. Rekha Chawla Guru Dev Angad Veterinary and Animal Sciences University, Ferozpur Road, Ludhiana, Punjab-141004	Rs.19,45,731/-	14.02.2017 3 years
16.	SP/YO/082/2016 Exploration and development of thermal tolerant strain of biocontrol agent, <i>Acerophagus papaya</i> for sustainable management of papaya mealybug, <i>Paracoccus marginatus</i> in crops	Dr. K Shankarganesh Division of crop Protection, ICAR-Central Institute for Cotton Research, Regional Station, Coimbatore, Tamil Nadu	Rs.19,81,116/-	14.09.2016 3 years
17.	SP/YO/084/2016 Generation of Elite, disease free planting material of turmeric through micropropagation and distribution among tribal farmers of terrain plain of West Bengal	Dr. Nandita Sahana Department of Biochemistry, Faculty of Agriculture, Uttar Banga Krishi Viswavidyalaya, Pundibari, Coochbehar-736165	Rs.22,73,100/-	20.02.2017 3 years
18.	SP/YO/096/2016 Spatio-temporal Analysis and modelling of greenhouse gas emissions from paddy ecosystems under varied water and nutrient management	Dr. Umesh M.R. University of Agricultural Sciences, Raichur, Karnataka	Rs.25,30,911/-	16.12.2016 3 years
19.	SP/YO/099/2016 Developing Low Cost Ameliorating Amendments For Reclamation of Sodic Soil By Using Municipal Solid Waste	Dr. Murli Dhar Meena ICAR-Central Soil Salinity Research Institute, Division of Soil and Crop Management, Zarifa Farm, Kachhwa Road, Karnal - 132 001, Haryana	Rs. 25,06,307/-	30.03.2017 3 years
20.	SP/YO/105/2016	Dr. Prosenjit Saha	Rs.21,03,747/-	17.02.2017

	Development of nanofiber reinforced plant polymer based durable, fire retardant biocomposites	Indian Institute of Engineering Science and Technology (IEST), Shibpur, P.O. Botanic Garden, Shalimar, Howrah, West Bengal-711103		3 years
21.	SP/YO/106/2016 Development of farmer friendly immunochromatographic strips for the detection of potato virus	Ms. Sumit Inder Kaur Department of Plant Pathology, Punjab Agricultural University, Ludhiana.	Rs.16,78,418/-	22.11.2016 3 years
22.	SP/YO/109-1/2016(G) Improving Production and Productivity of Major Horticultural Crops in Manipur through the Development and use of Robust Diagnostics for Supply of Virus Free Planting Materials	Dr. Susheel Kumar Sharma ICAR-Research Complex for NEH Region, Manipur Centre, Lamphelpat, Imphal-795004	Rs.19,54,448/-	10.03.2017 3 years
23.	SP/YO/111/2016 Rapid and Simple Naked Eye Detection of Carcinogenic Trace Metals Using Natural Dyes	Dr. Swarnalatha. V School of Engineering, Amrita Vishwa Vidyapeetham University, Amrita Nagar, Coimbatore, Tamil Nadu-641112	Rs.8,77,800/-	30.03.2017 3 years
24.	SP/YO/113/2016 (G) Bioprospecting and mapping of wild edible vegetation using phytosociological and GIS approach to improve livelihood and food security in Himalayan region	Dr Kusum Payal University School of Environment Management, Guru Gobind Singh Indraprastha University, Sec-16C, Dwarka, New Delhi-110 078	Rs.28,17,792/-	20.03.2017 3 years