

**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) programme and Scheme for Young Scientists and Technologists (SYST) in 2017-18.**

**I. Technological Intervention for Addressing Societal Needs (TIASN) Scheme**

<b>S.No</b>	<b>Title of the project; File No.</b>	<b>Name of PI; Address; State</b>	<b>Sanctioned Amount and Date</b>	<b>Released Amount</b>
1.	<b>SEED/TIASN/017/2016</b> Micropropagation of wilt & blight resistant varieties of banana seedlings and value addition of banana pseudostem	<b>Dr. Ashutosh Tripathi</b> Bioved Research Institute of Agriculture, Technology and Sciences Allahabad – 211002 Uttar Pradesh	<b>Date of Sanction</b> 30.06.2017 <b>Sanctioned Amount</b> <b>General</b> Rs.15,34,500/- <b>Capital</b> Rs.2,90,000/- <b>Total</b> Rs.18,24,500/-	<b>General</b> Rs.5,66,500/- <b>Capital</b> Rs.2,90,000/- <b>Total</b> Rs.8,56,500/-
2.	<b>SEED/TIASN/016/2016</b> Designer Goat Meat Products with Non Refrigeration Quality	<b>Dr. V. Rajkumar</b> Livestock Products Technology, ICAR – Central Institute for Research on Goats, Makhdoom, Farah, Mathura – 281122 Uttar Pradesh	<b>Date of Sanction</b> 05.07.2017 <b>Sanctioned Amount</b> <b>General</b> Rs.35,51,600/- <b>Capital</b> Rs.10,50,000/- <b>Total</b> Rs.46,01,600/-	<b>General</b> Rs.12,54,000/- - <b>Capital</b> Rs.10,50,000/- - <b>Total</b> Rs.23,04,000/- -
3.	<b>SEED/TIASN/CD-001/2017</b> Scientific Management of Natural Resources for Sustainable Development in Uttarakhand	<b>Dr. B.P. Purohit</b> Uttarakhand State Council for Science & Technology (UCOST). Viiighyan Dham, Jhajra, Dehradun – 248007	<b>Date of Sanction</b> 15.09.2017 <b>Sanctioned Amount:-</b> <b>General</b> Rs.3,47,04,000 / <b>Capital</b> Rs.2,63,50,000 /-(DST Share) <b>Capital</b> Rs.20,00,000/- (Beneficiary Contribution)	<b>General</b> Rs.1,70,00,00 0/- <b>Capital</b> Rs.1,50,50,00 0/- (SCSP)+ Rs.99,50,000/ - (SSP) <b>Total</b> Rs.4,20,00,00 0/-

			<b>Total</b> Rs.6,30,54,000 /-	
4.	<b>SEED/TIASN/033/2016</b> Impact assessment of Happy Seeder Technology and its popularization among the farmers in Punjab	<b>Dr. Manmeet Kaur</b>  Department of Extension Education Punjab Agricultural University PAU Campus, Ludhiana Punjab – 141004	<b>Date of Sanction</b> 21.09.2017 <b>Sanctioned Amount General</b> Rs.33,07,264/- <b>Capital</b> Rs.1,87,602/- <b>Total</b> Rs.34,94,866/-	<b>General</b> Rs.9,89,408/- <b>Capital</b> Rs. 1,87,602/- <b>Total</b> Rs.11,77,010/- -
5.	<b>SEED/TIASN/021/2016</b> Development and popularization of new product Red rice variety through Farmer's participatory demonstrations	<b>Dr. B.M. Dushyantha Kumar</b>  Department of Genetics and Plant Breeding, University of Agriculture & Horticultural Science, Shivamogga 57720 Karnataka	<b>Date of Sanction</b> 26.10.2017 <b>Sanctioned Amount General</b> Rs.27,68,048/- <b>Capital</b> Rs.1,00,000/- <b>Total</b> Rs.26,68,048/-	<b>General</b> Rs.8,70,100/- <b>Capital</b> Rs.1,00,000/- <b>Total</b> Rs.9,70,100/-
6.	<b>SEED/TIASN/017/2017D</b> Development of Standard operating procedures of hyperthermic Intraperitoneal chemotherapy in peritoneal surface malignancies for public set up in India	<b>Dr. M.D.Ray</b>  AIIMS, DELHI	<b>Date of Sanction</b> 26.02.2018 <b>Sanctioned Amount General</b> Rs.47,52,472/- <b>Capital</b> Rs.99,850/- <b>Total</b> Rs.48,52,232/-	<b>General</b> Rs.15,92,812/- - <b>Capital</b> Rs.99,850/- <b>Total</b> Rs.16,92,662/- -
7.	<b>SEED/TIASN/034/2016</b> Improvement of grazing land/pastures through participatory management approach in temperate condition of Kashmir valley	<b>Dr. Javed Ahmad Muglo</b>  Sher-e-Kashmir University, Srinagar, J & K	<b>Date of Sanction</b> 26.02.2018 <b>Sanctioned Amount General</b> Rs.29,23,920/ <b>Capital</b> Rs.9,00,000/- <b>Total</b> Rs.38,23,920/-	<b>General</b> Rs.10,52,640/ - <b>Capital</b> Rs.9,00,000/- <b>Total</b> Rs.19,52,640/ -
8.	<b>SEED/TIASN/028/2016</b> Promotion of integrated horticulture through training and awareness on	<b>Dr. V.N. Venkat Reddy</b>  Rural Agriculture	<b>Date of Sanction</b> 28.02.2018 <b>Sanctioned</b>	<b>General</b> Rs.7,98,750/- <b>Capital</b> Rs.1,50,000/-

	organic farming for marginal farmers	Development Society (RADS), Kadiri, Andhra Pradesh – 515581	<b>Amount General</b> Rs.11,20,500/- <b>Capital</b> Rs.1,50,000/- <b>Total</b> Rs.12,70,500/-	<b>Total</b> Rs.9,48,750/-
9.	<b>SEED/TIASN/009/2017G</b> oat Based technological and livelihood improvement in Uttarakhand State	<b>Dr. Anupam Krishna Dixit</b>  ICAR-CIRG, Central Institute for Research on Goats, Mathura, UP	<b>Date of Sanction</b> 5.03.2018 <b>Sanctioned Amount General</b> Rs.31,90,994/- <b>Capital</b> Rs.2,00,000/- <b>Total</b> Rs.33,90,994/-	<b>General</b> Rs.9,91,020/- <b>Capital</b> Rs.2,00,000/- <b>Total</b> Rs.11,91,020/- -
10	<b>SEED/TIASN/035/2016II</b> Income Generation activities for weaker section people of raisen district through agri-based integrated aquaculture enhancement using Periphyton as natural food	<b>Dr. Brijesh Sharma</b>  Society for Environmental Conservation (SEC), Shahenshah Garden Bhopal, Madhya Pradesh – 462023	<b>Date of Sanction</b> 13.03.2018 <b>Sanctioned Amount General</b> Rs.28,37,000/- <b>Capital</b> Rs.2,10,000/- <b>Total</b> Rs.30,47,000/-	<b>General</b> Rs.10,05,500/- - <b>Capital</b> Rs. 2,10,000/- <b>Total</b> Rs.12,15,500/- -
11	<b>SEED/TIASN/004/2017</b> Preparation of bio-coal from waste green coconut shell and its demonstration and popularization as an energy rich cooking fuel among rural people in Puri district of Odisha	<b>Dr. J.K. Patnaik</b>  Institute of Green Energy & Geospatial Technology, Jagatsinghpur, Odisha	<b>Date of Sanction</b> 13.03.2018 <b>Sanctioned Amount General</b> Rs.6,85,600/- <b>Capital</b> Rs.3,00,000/- <b>Total</b> Rs.9,85,600/-	<b>General</b> Rs.4,30,400/- <b>Capital</b> Rs. 3,00,000/- <b>Total</b> Rs.7,30,400/-
12	<b>SEED/TIASN/013/2017</b> Skill upgradation and awareness of Zardozi cluster in Varanasi by innovating and transforming art	<b>Dr. Ajai Kumar Singh</b>  Sai Institute of Rural Development, Varanasi, Uttar Pradesh	<b>Date of Sanction</b> 13.03.2018 <b>Sanctioned Amount General</b> Rs.22,66,309/- <b>Capital</b> Rs.4,87,085/- <b>Total</b> Rs.27,53,394/-	<b>General</b> Rs.11,57,509/- - <b>Capital</b> Rs. 4,87,085/- <b>Total</b> Rs.16,44,594/- -
13	<b>SEED/TIASN/014/2016</b>	<b>Dr. Amritpal Kaur</b>	<b>Date of</b>	<b>General</b>

	Identification of wheat and pulse varieties and development of technology for the production of wheatgrass and pulse shoot juice and powder	Dept. of Food Science and Technology, Guru Nanak Dev University, Amritsar, Punjab – 143001	<b>Sanction</b> 15.03.2018 <b>Sanctioned Amount General</b> Rs.30,78,531/- <b>Capital</b> Rs.12,70,500/- <b>Total</b> Rs.43,49,031/-	Rs.11,20,015/- - <b>Capital</b> Rs.12,70,500/- - <b>Total</b> Rs.23,90,515/- -
14	<b>SEED/TIASN/022/2016</b> Bio mediated cementation for concrete problems	<b>Dr. Shweta Goyal</b>  Department of Civil Engineering, Thapar University, Patiala, Punjab – 147004	<b>Date of Sanction</b> 15.03.2018 <b>Sanctioned Amount General</b> Rs.32,92,514/- <b>Capital</b> Rs.18,19,550/- <b>Total</b> Rs.42,12,064/-	<b>General</b> Rs.8,85,954/- <b>Capital</b> Rs.18,19,550/- - <b>Total</b> Rs.27,05,504/- -

#### TECHNOLOGY INTERVENTIONS FOR DISABLED AND ELDERLY (TIDE)

<i>Sl. No.</i>	<i>Title of the project</i>	<i>Name and Address of the PI</i>	<i>Sanctioned Amount and Duration</i>	<i>Released Amount</i>
1.	Speech- Input Speech– Output Communication Aid (SISOCA) for speakers with Cerebral Palsy SEED/TIDE/027/2016	Dr. P. Vijayakashmi Department of Electronics and communication Engineering SSN College of Engineering Chennai – 603 110, Tamil Nadu	G: Rs.12,93,200/- C: Rs. 79,546/- Total: Rs.13,72,746/- Duration: 2 years	G: Rs.6,46,600/- C: Rs.79,546/- Total: Rs.7,26,146/-
2.	Design and development of a Power Assistive Hybrid E-Trike (PAH E-Trike) for differently abled person in rural and urban regions of India SEED/TIDE/037/2016	Dr. Bhausaheb Ashok Botre Department of Digital System Group CSIR- Central Electronics Engineering Research Institute CSIR-CEERI, Pilani, Jhunjhunu, Rajasthan – 333 031 & Dr. Sachin Ulhasrao Belgamwar Department of Mechanical Engineering Birla Institute of Technology and Science Pilani, Rajasthan	G: Rs. 45,76,000/- C: Rs. 22,00,056/- Total: Rs. 67,76,056/- Duration: 2 years	G: Rs. 22,88,000/- C: Rs. 22,00,056/- Total: Rs. 44,88,056/-

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3.	Performance improvement in digital hearing aids systems using reconfigurable filter SEED/TIDE/082/2016	Dr. Purushothaman V Department of Electronics and Communication Engineering Veltech-Avadi, Avadi, Chennai – 600 062	G: Rs. 9,79,000/- C: Rs. 18,48,892/- Total: Rs. 28,27,892/- Duration: 2 years	G: 4,89,500/- C: Rs. 18,48,892/- Total: Rs. 23,38,392/-
4.	An artificial intelligence based non-invasive system for the identification and assessment of children with Autism Spectrum Disorders SEED/TIDE/092/2016	Dr. R. Menaka School of Electronics Engineering VIT University Chennai Campus Chennai – 600 127 and Mr. R.C. Perumal Speech and Language Center Sri Ramachandra Medical College & Research Institute Porur, Chennai - 600 116, Tamil Nadu	G: Rs. 35,82,337/- C: Rs. 5,29,652/- Total: Rs. 41,11,989/- Duration: 3 years	G: Rs. 12,22,877/- C: Rs. 5,29,652/- Total: Rs. 17,52,529/-
5.	A Low Cost Hand and Arm Rehabilitation System SEED/TIDE/095/2016	Dr. Binoy B Nair Department of Electronics and Communication Engineering Amrita Vishwa Vidyapeetham Coimbatore, Tamil Nadu – 641 112	G: Rs. 11,43,165/- C: Rs. 9,50,865/- Total: Rs. 20,94,030/- Duration: 2 years	G: Rs. 5,25,031/- C: Rs. 9,50,865/- Total: Rs. 14,75,896/-
6.	Effect of Multimodal Information (diet, Exercise and Computer Based cognitive Training) in Comparison to health a war mess amongst elderly subject with subjective cognitive impairment (SCI) attending Geriatric clinic of AIIMS – A pilot Randomized Control Trial Study SEED/TIDE/104/2016	Dr. Prasun Chatterjee Department of Geriatric Medicine All India Institute of Medical Sciences Ansari Nagar, New Delhi – 110 029	G: Rs. 26,58,619/- C: Rs. 11,93,979/- Total: Rs. 38,52,598/- Duration: 3 years	G: Rs. 15,38,051/- C: Rs. 11,93,979/- Total: Rs. 27,32,030/-
7.	Design and	Dr. C.S. Kanimozhi Selvi	G: Rs.	G: Rs.

	development of a tool for childhood autism grading using soft computing techniques SEED/TIDE/106/2016	Department of Computer Science and Engineering, Kongu Engineering College Perundurai, Erode – 638052, Tamil Nadu	20,62,000/- Total: Rs. 20,62,000/- Duration: 3 years	6,84,000/- Total: Rs. 6,84,000/-
8.	Development of a Novel cost effective Salivary neuroelectro stimulator to treat Yerostomio in elderly patients SEED/TIDE/126/2016	Dr. K. Rajkumar Oral Pathology & Microbiology SRM Dental College, SRM University, Bharthi Salai Rampuram, Chennai – 600 089.	G: Rs. 7,04,000/- C: Rs. 20,16,780/- Total: Rs. 27,20,780/- Duration: 1 year	G: Rs. 6,50,000/- C: Rs. 20,16,780/- Total: Rs. 26,66,780/-
9.	An intelligent tutoring system for children with learning disabilities – dyslexia, dysgraphia and dyscalculia”. SEED/TIDE/133/2016	Dr. Neelu J. Ahuja Centre for Information Technology University of Petroleum and Energy Studies Bidholi Campus, Via Prem Nagar Dehradun – 248 007, Uttarakhand	G: Rs. 36,31,720/- C: Rs. 5,83,684/- Total: Rs. 42,15,404/- Duration: 30 months	G: Rs. 12,84,000/- C: Rs. 5,83,684/- Total: Rs. 18,67,684/-
10.	Design and Development of a prototype wearable spectacle device to get Audio/Speech from Image documents and moving text SEED/TIDE/158/2016	Dr. Sreerama Murthy Velaga Computer Science & Engineering GMR Institute of Technology Rajam – 532 127, Andhra Pradesh	G: Rs. 29,66,016/- C: Rs. 4,98,150/- Total: Rs. 34,64,166/- Duration: 3 years	G: Rs. 14,17,656/- C: Rs. 4,98,150/- Total: Rs. 19,15,806/-
11.	Indoor navigation using real time image recognition algorithm SEED/TIDE/202/2016	Dr. J. Akilandeswari Department of Information Technology Sona College of Technology Salem-636 005, Tamil Nadu	G: Rs. 49,49,106/- C: Rs. 24,08,750/- Total: Rs. 73,57,856/- Duration: 3 years	G: Rs. 28,22,706/- C: Rs. 24,08,750/- Total: Rs. 52,31,456/-
12.	Development of communication resources on technological interventions for differently abled and elderly: popularize locally adaptable technologies for real life gains	Dr. Kumar Bharat Bhushan Vigyan Prasar A-50, Institutional Area Sector – 62, Noida, Uttar Pradesh	G: Rs.12,58,000/- C: Rs.75,000/- Total: Rs. 13,33,000/- Duration: 1 year	G: Rs. 10,00,000/- C: Rs. 75,000/- Total: Rs. 10,75,000/-

	SEED/TIDE/001/2017			
13.	Design and fabrication of video laryngoscope with styletoscope integrated with mobile phone to overcome difficulty in airway management for elderly SEED/TIDE/002/2017	Dr. Balachandra P Shetty Department of Mechanical Engineering Nitte Meenakshi Institute of Technology Yelahanka, Bangalore – 560 064	G: Rs.35,78,800/- C: Rs.21,53,480/- Total: Rs.57,32,280/- Duration: 3 years	G: Rs.12,24,000/- C: Rs.21,53,480/- Total: Rs.33,77,480/-
14.	Development of an automatic multipurpose bed for paralytic attacked differently-abled and elderly persons SEED/TIDE/009/2017	Dr. P. Balamurugan Department of Mechatronics Engineering Sri Krishna College of Engineering & Technology Kuniamuthur, Coimbatore – 641008	G: Rs.24,91,056/- C: Rs.37,90,942/- Total: Rs.62,81,998/- Duration: 3 years	G: Rs.12,21,536/- C: Rs.37,90,942/- Total: Rs.50,12,478/-
15.	Frequency modulated hearing aid for elderly with hearing disability SEED/TIDE/015/2017	Dr. Kondru Ayyappa Swamy Department of Electronics and Instrumentation Engineering Sree Vidyanikethan Engineering College, Chittoor District – 517 102, Andhra Pradesh	G: Rs.30,82,785/- C: Rs. 23,30,452/- Total: Rs.54,13,237/- Duration: 30 months	G: Rs.12,05,395/- C: Rs. 23,30,452/- Total: Rs. 35,35,847/-
16.	Design and Development of a Low Cost Foot Therapy Device for Plantar Fasciitis and Other Foot Problems SEED/TIDE/031/2017	Dr. JVR Ravindra Department of Electronics and Communication Engineering Vardhaman College of Engineering Shamshabad, Hyderabad – 501 218	G: Rs. 23,60,000/- C: Rs. 22,48,120/- Total: Rs. 46,08,120/- Duration: 2 years	G: Rs. 11,80,000/- C: Rs. 22,48,120/- Total: Rs. 34,28,120/-
17.	Design of Personal Assistant System for Alzheimer Patients SEED/TIDE/038/2017	Dr. D. Surendran Department of Computer Science & Engineering Sri Krishna College of Engineering & Technology Kuniamuthur, Coimbatore – 641 008	G: Rs. 13,49,460/- C: Rs. 43,88,263/- Total: Rs. 57,37,723/- Duration: 2 years	G: 8,73,460/- C: Rs. 43,88,263/- Total: Rs. 52,61,723/-

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

Sl. No.	Organization Name	Name of PI; Address; State	Sanctioned Amount and Date	Released Amount
1.	<b>SEED/TIME/030/2015</b> Livelihood Improvement & Drudgery Reduction through Appropriate Livestock Technologies and Biomass Enhancement in Kumoun Himalayas”	Dr. Pankaj Tewari, Central Himalayan Environment Association (CHEA), 06, Waldorf Compound, Mallital, Nainital, Uttarakhand-263001	Rs.30,83,000/- 05-03-2018	Rs.11,39,000/-

**II. Scheme for Young Scientists and Technologists (SYST)**

S.No.	File no. & Project Title	PI Name Designation & Address	Sanction Amount / Date	Release Amount
1.	“Developing a newer diagnostic tool for early diagnosis of TB, utilizing the spectrophotometer principles”  <b>SP/YO/001/2016</b>	<b>Dr. Malathi Jojula</b>  Sri Shivani College of Pharmacy, Mulugu Road, Warangal – 506002	<b>Date of Sanction:-</b> 13.03.2018 <b>Sanctioned Amount: -</b> <b>General</b> Rs. 23,00,800/- <b>Capital</b> Rs.40,000/- <b>Total</b> Rs. 23,40,800/-	<b>General</b> Rs.11,52,400/- - <b>Capital</b> Rs.40,000/- <b>Total</b> Rs.11,92,400/- -
2.	“Spirulina based nutraceutical bio-product development, marketing for improvement of livelihood of local community of valley region of Imphal”  <b>SP/YO/004/2016</b>	<b>Dr. Thingujam Indrama Devi</b>  Institute of Bioresources and Sustainable Development (IBSD), (A National Institute of DBT, Govt. of India), takyelpat, Imphal – 795001, Manipur	<b>Date of Sanction:-</b> 10.07.2017 <b>Sanctioned Amount: -</b> <b>General</b> Rs.20,28,350/- <b>Capital</b> Rs.60,000/- <b>Total</b> Rs.20,88,350/-	<b>General</b> Rs.10,56,550/- - <b>Capital</b> Rs.60,000/- <b>Total</b> Rs.11,16,550/- -
3.	“Microbial and biochemical study on traditionally fermented fish food ‘ Napham’ of	<b>Dr. Diganta Narzary</b>  Gauhati University, Guwahati Assam-	<b>Date of Sanction:-</b> 30.06.2017 <b>Sanctioned</b>	<b>General</b> Rs.5,58,220/-



	Assam for value addition''  <b>SP/YO/023-01/2016</b>	781014	<b>Amount: -</b> <b>General</b> Rs.11,72,940/- <b>Capital</b> Nil/- <b>Total Amount</b> Rs.11,72,940/-	
4.	''Development of Pico Hydro-Solar-Wind-Hydrid System with Phytoremediation in Tribal/Hilly areas''  <b>SP/YO/035/2016</b>	<b>Rati Ranjan Sabat</b>  Gandhi Institute of Engineering and Technology Po: Kharling Gunupur, Dt: Rayagada Odisha-765022	<b>Date of Sanction:-</b> 26.02.2018 <b>Sanctioned Amount: -</b> <b>General</b> Rs.15,47,612/- <b>Capital</b> Rs.16,30,400/- <b>Total</b> Rs. 31,78,012/-	<b>General</b> Rs.7,00,672/- <b>Capital</b> Rs.15,30,400/- <b>Total</b> Rs.22,31,072/-
5.	''Design and Development of Innovation leather lifestyle products in combination with ethnic textile material and natural fibres of north eastern part of India for the self-sustainability and socio economic development of rural population in that region'' <b>SP/YO/045/2016</b>	<b>K.Karthikeyan</b>  Centre for Leather Apparl/Accessories Development (CLAD), CSIR- Central Leather Research Institute, Adyar, Chennai – 600020	<b>Date of Sanction:-</b> 10.07.2017 <b>Sanctioned Amount: -</b> <b>General</b> Rs.15,72,960/- <b>Capital</b> Rs.1,17,600/- <b>Total</b> Rs.16,90,560/-	<b>General</b> Rs.4,67,820/- <b>Capital</b> Rs.1,17,600/- <b>Total</b> Rs.5,85,420/-
6.	''Development of LED traps for controlling major insect pests and predators in muga ecosystem – Needs for organic muga silk production''  <b>SP/YO/056/2016</b>	<b>Dr. Rajesh Kumar</b>  Central Muga, ERI Research & Training Institute Central Silk Board Minsitry of Textiles, Govt. of India Lahdoigarh – 785700 Jorhat (ASSAM)	<b>Date of Sanction:-</b> 22-06-2017 <b>Sanctioned Amount: -</b> <b>General</b> Rs.10,96,100/- <b>Capital</b> Rs.3,83,252/- <b>Total</b> Rs.14,79,352/-	<b>General</b> Rs.5,48,050/- <b>Capital</b> Rs.3,83,252/- <b>Total</b> Rs.931302
7.	''Bioprocessing of agro-residues with coconut husk and jute for the production of lignocellulotic enzymes with simultaneous softening process of natural fibres''  <b>SP/YO/068/2016</b>	<b>Dr. J. Jayapriya</b>  ACTech, Anna University Chennai- 600025 Tamilnadu	<b>Date of Sanction:-</b> 30.06.2017 <b>Sanctioned Amount: -</b> <b>General</b> Rs.8,16,990/- <b>Capital</b> Rs.9,98,367/- <b>Total</b>	<b>General</b> Rs.4,00,020/- <b>Capital</b> Rs.9,98,367/- <b>Total</b> Rs.13,98,387/-

			Rs. 18,15,357/-	
8.	<p>“Standardization of protocols for in vitro micropropagation of Cherry rootstocks”</p> <p><b>SP/YO/078/2016</b></p>	<p><b>Shilpa Sharma</b></p> <p>Society for Technology &amp; Development Malori, Post – Behna, Tehsil-Sadar, Distt- Mandi, Himachal Pardesh – 175006</p>	<p><b>Date of Sanction:-</b> 12.12.2017</p> <p><b>Sanctioned Amount: -</b></p> <p><b>General</b> Rs.27,72,181/-</p> <p><b>Capital</b> Rs. 6,58,301/-</p> <p><b>Total</b> Rs. 34,30,482/-</p>	<p><b>General</b> Rs.9,98,781/-</p> <p><b>Capital</b> Rs.6,58,301/-</p> <p><b>Total</b> Rs.16,57,082/-</p> <p>-</p>
9.	<p>“Development of simple and rapid method for detection of pesticides in food products using nanotechnology”</p> <p><b>SP/YO/097/2016</b></p>	<p><b>Dr. Naveen Kumar</b></p> <p>School of Bioengineering and Food Technology, Shoolini University, Solan Himachal Pardesh – 173229</p>	<p><b>Date of Sanction:-</b> 08-02-2018</p> <p><b>Sanctioned Amount: -</b></p> <p><b>General</b> Rs.15,71,269/-</p> <p><b>Capital</b> Rs. 13,51,368/-</p> <p><b>DST Share</b> Rs.6,75,684/-)</p> <p><b>Total</b> Rs. 29,22,637/-</p> <p><b>DST Share</b> Rs.22,46,953/-</p>	<p><b>General</b> Rs.6,05,469/-</p> <p><b>Capital</b> Rs.6,75,684/-</p> <p><b>Total</b> Rs.12,81,153/-</p> <p>-</p>
10.	<p>“Utilization of Flower Waste Generated in Temple and Market Vicinity for Development of Value added products as a Revenue Generation Model for Women”</p> <p><b>SP/YO/103/2016</b></p>	<p><b>Ashwathy S Das I</b></p> <p>Sir M. Visvesvaraya Institute of Technology (Sir MVIT), Krishnadevararya Nagar, Hunasamarahalli, International Airport Road, Via yelahanka, Bangalore,Karnataka-562157</p>	<p><b>Date of Sanction:-</b> 24.07.2017</p> <p><b>Sanctioned Amount: -</b></p> <p><b>General</b> Rs.11,97,800/-</p> <p><b>Capital</b> Rs. 2,27,772/-</p> <p><b>Total</b> Rs. 14,25,572/-</p>	<p><b>General</b> Rs.5,98,900/-</p> <p><b>Capital</b> Rs.2,27,772/-</p> <p><b>Total</b> Rs.8,26,672/-</p>
11.	<p>“Development of farmer friendly immunochromatographic strips for the detection of potato viruses”</p> <p><b>SP/YO/106/2016</b></p>	<p><b>Ms. Sumit Inder Kaur</b></p> <p>Department of Plant Pathology Punjab Agricultural University, Ludhiana Punjab</p>	<p><b>Date of Sanction:-</b> 08.02.2018</p> <p><b>Sanctioned Amount: -</b></p> <p><b>General</b> Rs.15,25,700/-</p> <p><b>Capital</b> Rs. 1,52,718/-</p> <p><b>Total</b> Rs. 16,78,418/-</p>	<p><b>General</b> Rs.5,00,000/-</p> <p><b>Capital</b> Rs.1,52,718/-</p> <p><b>Total</b> Rs.6,52,718/-</p>
12.	<p>“Utilization of rumen digesta waste from slaughter house as</p>	<p><b>Dr. Ajit Kumar</b></p> <p>College of Veterinary</p>	<p><b>Date of Sanction:-</b> 27.06.2017</p>	<p><b>General</b> Rs.7,84,220/-</p> <p><b>Capital</b></p>

	alternative local protein sources for economical ration production and controlling environmental pollution” <b>SP/YO/110/2016</b>	and Animal Science, Sardar Vallabhbhai Patel University of Agriculture & Technology, Modipuram, Meerut – 250110	<b>Sanctioned Amount: - General</b> Rs.16,24,940/- <b>Capital</b> Rs.3,38,500/- <b>Total</b> Rs. 19,63,440/-	Rs.3,38,500/- <b>Total</b> Rs.11,22,720/- -
13.	“Development of Edible Antimicrobial Packaging Films for Traditional Dairy Sweetmeats Using Metabolites of Lactic Acid Bacteria” <b>SP/YO/067/2017</b>	<b>Mr. Diwas Pradhan</b> Dairy Microbiology Division, ICAR-National Dairy Research Institute (NDRI), Karnal – 132001	<b>Date of Sanction:</b> 10/11/2017 <b>Sanctioned Amount: General</b> Rs.24,83,688/- <b>Capital Nil</b> <b>Total</b> Rs.24,83,688/-	<b>General</b> Rs. 7,99,800/-
14.	“Value Addition of Chironji and Tendu Fruits for Socio-economic Development of Tribal’s in Western Odisha” <b>SP/YO/070/2017</b>	<b>Mr.Sumedha Nanda Sahu</b> Centre for Rural Development & Technology Indian Institute of Technology Delhi Hauz Khas, New Delhi – 110016	<b>Date of Sanction:</b> 12/9/2017 <b>Sanctioned Amount: General</b> Rs. 19,03,691/- <b>Capital</b> Rs.2,05,910/- <b>Total</b> Rs.21,09,601/-	<b>General</b> Rs. 5,35,291/- <b>Capital</b> Rs.2,05,910/- <b>Total</b> Rs.741201
15.	“Computational dissection and validation of traditional medicinal plant system of Manipur” <b>SP/YO/071/2017</b>	<b>Dr. Potshangban Angamba Meetei</b> Manipur University, Dept. Of Biotechnology, Manipur, Canchipur, Imphal – 795003	<b>Date of Sanction:</b> 1/11/2017 <b>Sanctioned Amount: General</b> Rs.19,31,382/- <b>Capital</b> Rs.6,91,800/- <b>Total</b> Rs.26,23,182/-	General Rs.6,88,834/- <b>Capital</b> Rs.6,91,800/- <b>Total</b> Rs.13,80,634/- -
16.	“Designer Food for Management of Type – 2 Diabetes: Targeting the Gut-Hormone Modulatory Potential of Probiotics” <b>SP/YO/075/2017</b>	<b>Dr. Harsh Panwar</b> Guru Angad Deve Veterinary & Animal Sciences University (GADVASU), Ferozepur Road, Ludhiana – 141004 Punjab	<b>Date of Sanction:</b> 12.09.2017 <b>Sanctioned Amount: General</b> Rs.22,44,696/- <b>Capital -Nil/</b>	<b>General</b> Rs.7,33,400/-
17.	“Prophylactic catalytic dermal cream to prevent pesticide exposure during farming practices”	<b>Sandeep Chandrashekharappa</b> Institute for Stem Cell Biology and Regenerative Medicine	<b>Date of Sanction:</b> 11/9/2017 <b>Sanctioned</b>	<b>General</b> Rs.10,49,700/- -

	<b>SP/YO/078/2017</b>	(inStem), UAS-GK VK campus Bellary Road, Bangalore – 560065 Karnataka	<b>Amount:</b> <b>General</b> Rs. 31,49,100/- <b>Capital</b> = NIL <b>Total</b> Rs.31,49,100/-	
<b>18.</b>	“Electrochemical DNA sensor for the diagnosis of Scrub Typhus”  <b>SP/YO/079/2017</b>	<b>Dr. Ankur Kaushal</b>  Shoolini University Post Box 9, Head Post Office, The mall, Solan – 173212 (H.P)	<b>Date of Sanction:</b> 15.03.2018 <b>Sanctioned Amount:</b> <b>General</b> Rs.19,42,560/- <b>Capital</b> Rs. 15,00,000/- <b>DST’s Share</b> Rs.7,50,000/-) <b>Total</b> Rs.34,42,560/- <b>DST’s Share</b> Rs.26,92,560/-	<b>General</b> Rs.6,73,000/- <b>Capital</b> Rs.4,50,000/- <b>Total</b> Rs.1123000
<b>19.</b>	“Development of simple and cost effective process for recovery of proteins from dairy waste”  <b>SP/YO/081/2017</b>	<b>Shailesh Agrawal</b>  Visvesvaraya National Institute of Technology (VNIT), Nagpur	<b>Date of Sanction:</b> 02.01.2018 <b>Sanctioned Amount:</b> <b>General</b> Rs.10,83,918/- <b>Capital</b> Rs. 5,14,752/- <b>Total</b> Rs.15,98,670/-	<b>General</b> Rs.5,75,418/- <b>Capital</b> Rs.5,14,752/- <b>Total</b> Rs.10,90,170/ -
<b>20.</b>	“Study of bioactive compounds flour and starch properties of underutilized pearl millet crop”  <b>SP/YO/087/2017</b>	<b>Shamandeep Kuar</b>  Chaudhary Devi Lal University, Sirsa (Haryana)	<b>Date of Sanction:</b> 02.01.2018 <b>Amount Sanctioned:</b> <b>General</b> Rs.17,01,487/- <b>Capital</b> Rs.11,79,904/- <b>Total</b> Rs.28,81,391/-	<b>General</b> Rs.6,73,187/- <b>Capital</b> Rs.11,79,904/ - <b>Total</b> Rs.1853091
<b>21.</b>	“Molecular and serological Study for rapid diagnosis of Invasive Fungal Infection in Chronic liver diseases”  <b>SP/YO/092/2017</b>	<b>Dr. Pratibha R. Kale</b> Institute of Liver and Biliary Sciences, New Delhi Sector D1, Vasant Kunj, New Delhi – 110070	<b>Date of Sanction:</b> 05/12/2017 <b>Sanctioned Amount:</b> <b>General</b> Rs.19,00,966/- <b>Capital</b> Rs.15,25,245/- <b>Total</b>	<b>General</b> Rs.7,51,982/- <b>Capital</b> Rs.15,25,245/ - <b>Total</b> Rs.22,77,227/ -

			Rs.34,26,211/-	
22.	<p>“Water quality assesment and indexing of River Ganga and Ganga Canal in Uttarakhand”</p> <p><b>SP/YO/095/2017</b></p>	<p><b>Dr. Gagan Matta</b></p> <p>Department of Zoology and Environmental Science, Gurukula Kangri University, Haridwar – 249404 Uttarakhand</p>	<p><b>Date of Sanction:</b> 10/11/2017</p> <p><b>Sanctioned Amount:</b></p> <p><b>General</b> Rs.18,06,996/-</p> <p><b>Capital</b> Rs.12,09,200/-</p> <p><b>Total</b> Rs.30,16,196/-</p>	<p>General Rs. 9,82,096/-</p> <p><b>Capital</b> Rs.12,09,200/-</p> <p>-</p> <p><b>Total</b> Rs.21,91,296/-</p> <p>-</p>
23.	<p>“A novel approach for the automated detection and quantification of eryptosis”</p> <p><b>SP/YO/096/2017</b></p>	<p><b>Sanu Susan Jacob</b></p> <p>Kasturba Medical College, Manipal University, Manipal – 576104, Udupi District, Karnataka</p>	<p><b>Date of Sanction:</b> 09.01.2018</p> <p><b>Sanctioned Amount:</b></p> <p><b>General</b> Rs.7,62,080/-</p> <p><b>Capital</b> -Nil/-</p> <p><b>Total</b> Rs. 7,62,080/-</p>	<p><b>General</b> Rs.2,55,420/-</p>
24.	<p>“Development of a novel Non-invasive probiotic map for differential diagnosis of gluten allergy and celiac disease patients”</p> <p><b>SP/YO/097/2017</b></p>	<p><b>Dr. Malika Arora</b></p> <p>Multi Disciplinary Research Unit, University Centre of Excellence in Research, Baba Farid University of Health Sciences, Faridkot</p>	<p><b>Date of Sanction:</b> 25/10/2017</p> <p><b>Sanctioned Amount:</b></p> <p><b>General</b> Rs.23,60,590/-</p> <p><b>Capital</b> Rs.4,00,000/-</p> <p><b>Total</b> Rs.27,60,590/-</p>	<p><b>General</b> Rs.8,06,275/-</p> <p><b>Capital</b> Rs.4,00,000/-</p> <p><b>Total</b> Rs.12,06,275/-</p> <p>-</p>
25.	<p>“Sustainable Management of Heavy Metal Pollution for Better Health with Cost Effective Green Clean and Eco – Friendly Technology”</p> <p><b>SP/YO/099/2017</b></p>	<p><b>Ms. Pooja Sharma</b></p> <p>Guru Nanak Dev University Amritsar – 143001 (Punjab)</p>	<p><b>Date of Sanction:</b> 15/12/2017</p> <p><b>Sanctioned Amount:</b></p> <p><b>General</b> Rs.20,38,180/-</p> <p><b>Capital</b> Rs.2,06,000/-</p> <p><b>Total</b> Rs.22,44,180/-</p>	<p><b>General</b> Rs.6,59,580/-</p> <p><b>Capital</b> Rs.2,06,000/-</p> <p><b>Total</b> Rs.8,65,580/-</p>
26.	<p>“Technological development in geriatrics dairy foods and its entrepreneurial among farming community in Jammu province of J &amp; K state”</p> <p><b>SP/YO/103/2017</b></p>	<p><b>Dr. Arvind Kumar</b></p> <p>Division of Livestock Products Technology Faculty of Veterinary Sciene &amp; Animal Husbandry Sher-e-Kashmir University of Agricultural Sc. &amp; Tech. R.S.Pura,</p>	<p><b>Date of Sanction:</b> 26/10/2017</p> <p><b>Sanctioned Amount:</b></p> <p><b>General</b> Rs.8,10,900/-</p> <p><b>Capital</b> Rs.13,70,000/-</p>	<p><b>General</b> Rs.4,94,500/-</p> <p><b>Capital</b> Rs.13,70,000/-</p> <p>-</p> <p><b>Total</b> Rs.1864500</p>

		Jammu – 181102 Jammu & Kashmir	<b>Total</b> Rs.21,80,900/-	
27.	<b>SP/YO/002/2017</b> Technology Intervention in Product Design for the Elderly–Case Studies on Umbrella and Stick Designs	<b>Dr. Biswajeet Mukherjee</b>  Indian Institute of Information Technology, Design & Manufacturing, Jabalpur-482005	<b>Date of Sanction:</b> 1/11/2017 <b>Sanctioned Amount:</b> <b>General</b> Rs.11,00,463/- <b>Capital</b> Rs.4,68,177/- <b>Total</b> Rs.15,68,640/-	<b>General</b> Rs.5,80,663/- <b>Capital</b> Rs.4,68,177 <b>Total</b> Rs.10,48,840/ -
28.	<b>SP/YO/004/2017</b> Value addition in waste foundry sand from Belgaum foundry cluster and red mud from Hindalco for use as a low cost civil construction material	<b>Dr. Beulah M</b>  Christ University, Mysore Road Kumbalagodee (PO), Kanminike, Bangalore-560074	<b>Date of Sanction:</b> 02.01.2018 <b>Sanctioned Amount:</b> <b>General</b> Rs.18,53,480/- <b>Capital</b> Rs.2,00,000/- <b>Total</b> Rs.20,53,480/-	<b>General</b> Rs.6,14,000/- <b>Capital</b> Rs.2,00,000/- <b>Total</b> Rs.8,14,000/-
29.	<b>SP/YO/008/2017</b> Design, synthesis of heteroleptic Zn(II)complexes for organic light emitting devices (OLEDs)	<b>Dr. Kiran Kumar R. Surati</b>  Sardar Patel University, Dept. Of Chemistry, Vallabh Vidyanagar, Anand, Gujarat	<b>Date of Sanction:</b> 12.01.2018 <b>Sanctioned Amount:</b> <b>General</b> Rs.19,32,311/- <b>Capital</b> Rs.10,25,777/- <b>Total</b> Rs. 29,58,088/-	<b>General</b> Rs.7,70,671/- <b>Capital</b> Rs.10,25,777/ - <b>Total</b> Rs.17,96,448/ -
30.	<b>SP/YO/010/2017</b> MobiSStick: Mobile enabled Smart Stick for visually impaired persons	<b>Meenakshi Tripathi</b>  Malaviya National Institute of Technology, Jaipur	<b>Date of Sanction:</b> 8/11/2017 <b>Sanctioned Amount:</b> <b>General</b> Rs.12,16,257/- <b>Capital</b> Rs.2,28,899/- <b>Total</b> Rs.14,45,156/-	<b>General</b> Rs. 6,06,057/- <b>Capital</b> Rs. 2,28,899/- <b>Total</b> Rs.834956
31.	<b>SP/YO/012/2017</b> Development of solar-powered autonomous road reflectors	<b>Dr. Ganapathy Veerappan</b>  International Advanced Research Centre For Powder Metallurgy And New	<b>Date of Sanction:</b> 30.01.2018 <b>Sanctioned Amount:</b> <b>General</b> Rs.19,25,340/-	<b>General</b> Rs. 7,63,700/- <b>Capital</b> Rs. 5,38,024/- <b>Total</b> Rs.13,01,724/

		Materials (ARCI), Hyderabad	<b>Capital</b> Rs.5,38,024/- <b>Total</b> Rs.24,63,364/-	-
32.	<b>SP/YO/023/2017</b> Development of prototype lantern powered by spent laptop batteries	<b>Dr. Ravi N. Methekar</b>  Chemical Engineering Department, VNIT, Nagpur	<b>Date of Sanction:</b> 8/11/2017 <b>Amount Sanctioned:</b> <b>General</b> Rs.5,68,212/- <b>Capital</b> Rs.6,33,167/- <b>Total</b> Rs.12,01,379/-	<b>General</b> Rs. 2,06,612/- <b>Capital</b> Rs. 6,33,167/- <b>Total</b> Rs.8,39,779/-
33.	<b>SP/YO/024/2017</b> Design and development of LOT based low cost water quality monitoring and reporting system for aquaculture	<b>Dr. Hargovindan VP</b>  National Institute Of Technology, Puducherry	<b>Date of Sanction:</b> 23/11/2017 <b>Sanctioned Amount:</b> General Rs.10,34,162/- <b>Capital</b> Rs.6,97,016/- <b>Total</b> Rs.17,31,178/-	<b>General</b> Rs.5,61,962/- <b>Capital</b> Rs.6,72,016/- <b>Total</b> Rs.12,58,978/ -
34.	<b>SP/YO/025/2017</b> Design and development of ICT-enabled cloud based mobile application for the self-promotion of products developed by self-help groups	<b>M Brindha</b>  National Institute Of Technology, Tiruchirapally, Tamilnadu	<b>Date of Sanction:</b> 1/11/2017 <b>Sanctioned Amount:</b> <b>General</b> Rs.17,60,988/- <b>Capital</b> Rs.9,59,600/- <b>Total</b> Rs.27,20,588/-	<b>General</b> Rs.9,42,868/- <b>Capital</b> Rs.9,59,600/- <b>Total</b> Rs.1902468
35.	<b>SP/YO/026/2017</b> Development of ecofriendly, functionalized nanocomposites for simultaneous removal of multiple hazardous metals and herbicides from water	<b>Dr. Shruti Mishra</b>  Indian Institute Of Technology, Kanpur- 208016	<b>Date of Sanction:</b> 15.12.2017 <b>Sanctioned Amount:</b> <b>General</b> Rs.26,71,701/- <b>Capital</b> Rs.2,98,470/- <b>Total</b> Rs.29,70,171/-	<b>General</b> Rs.9,54,101/- <b>Capital</b> Rs.2,98,470/- <b>Total</b> Rs.1252571
36.	<b>SP/YO/029/2017</b> Development of wireless sensor network for online monitoring and control in smart micro-	<b>Dr. S. Moorthi</b>  Dept. of Electrical and Electronics Engineering, National	<b>Date of Sanction:</b> 02.01.2018 <b>Sanctioned Amount:</b>	<b>General</b> Rs. 2,43,623/- <b>Capital</b> Rs.14,82,875/

	grid application	Institute of Technology, Tiruchirappalli-620015	<b>General</b> Rs.4,86,123/- <b>Capital</b> Rs.15,22,875/- <b>Total</b> Rs.20,08,998/-	- <b>Total =</b> Rs.17,26,498/ -
37.	<b>SP/YO/036/2017</b> Development of a smart monitoring system for health and oestrous of dairy cows in remote location	<b>Dr. Prasenjit Chanak</b>  ABV-Indian Institute Of Information Technology And Management (IITM), Gwalior	<b>Date of Sanction:</b> 30.11.2017 <b>Sanctioned Amount:</b> <b>General</b> Rs.18,78,020/- <b>Capital</b> Rs.12,34,000/- <b>Total</b> Rs.31,12,020/-	<b>General</b> Rs. 6,57,620/- <b>Capital</b> Rs.12,34,000/ - <b>Total</b> Rs.18,91,620/ -
38.	<b>SP/YO/039/2017</b> Development of orange Waste bio refinery	<b>Dr. Sonali P. Tajanee</b>  Visvesvaraya National Institute Of Technology, South Ambazari Road, Nagpur-440010	<b>Date of Sanction:</b> 02.01.2018 <b>Sanctioned Amount:</b> <b>General</b> Rs.9,16,365/- <b>Capital</b> Rs.1,99,420/- <b>Total</b> Rs.11,15,785/-	<b>General</b> Rs.4,71,145/- <b>Capital</b> Rs. 1,99,420/- <b>Total</b> Rs.67,05,65/-
39.	<b>SP/YO/040/2017</b> Nanosensor for fluid mass flow rate measurement for biomedical applications	<b>Dr. M. Shanmugavalli</b>  Saranathan College Of Engineering, Venkateswara Nagar, Trichy-Madurai Main Road, Edamalaipatti Pudur, Panjappur, Tiruchirappalli-620012	<b>Date of Sanction:</b> 13.03.2018 <b>Sanctioned Amount:</b> <b>General</b> Rs.3,39,088/- <b>Capital</b> Rs.24,00,880/- <b>Total</b> Rs.27,39,968/-	<b>General</b> Rs.2,37,088/- <b>Capital</b> Rs.20,40,880/ - <b>Total</b> Rs.22,77,968/ -
40.	<b>SP/YO/045/2017</b> Development of effective membranes utilizing electrospinning techniques for removal of micro-pollutants from the waste water	<b>Dr. Bharat Bajaj</b>  Chandigarh University NH-95, Chandigarh-Ludhiana Highway, Mohali, Punjab	<b>Date of Sanction:</b> 18.12.2017 <b>Sanctioned Amount:</b> <b>General</b> Rs.12,08,600/- <b>Capital</b> Rs.11,96,000/- <b>Total</b> Rs.24,04,600/-	<b>Release Amount:-</b> <b>General</b> Rs.4,82,600/- <b>Capital</b> Rs.11,96,000/ - <b>Total</b> Rs.16,78,600/ -
41.	<b>SP/YO/48/2017</b> Analyzing big data in twitter for identifying	<b>Dr Arpan Kumar Kar</b>	<b>Date of Sanction:</b> 14/11/2017	<b>General</b> Rs. 3,97,022/-



	concerns -inputs in digital payments and telecommunication	Dept. Of Management Studies, Indian Institute Of Technology Delhi, Hauz Khas, New Delhi	<b>Sanctioned Amount:</b> <b>General</b> Rs.10,06,092/- <b>Capital</b> Rs.1,07,325/- <b>Total</b> Rs.11,13,417/-	<b>Capital</b> Rs. 1,07,325/- <b>Total</b> Rs.5,04,347/-
42.	<b>SP/YO/050/2017</b> Low cost implant functionalization material for biomedical applications in” hospitals	<b>Manisha Sharma</b>  87, MC Colony, Hisar-125001, Haryana	<b>Date of Sanction:</b> 10/11/2017 <b>Sanctioned Amount:</b> <b>General</b> Rs.27,50,859/- <b>Capital</b> Rs.4,86,895/- <b>Total</b> Rs.32,37,754/-	<b>General</b> Rs. 9,52,659/- <b>Capital</b> Rs. 4,86,895/- <b>Total</b> Rs.14,39,554/-
43.	<b>SP/YO/054/2017</b> Conversion of biomass into biodegradable plastics and their applications	<b>Dr. Shikha Baskar</b>  Forest Research Institute Dehradun-248006	<b>Date of Sanction:</b> 10/11/2017 <b>Sanctioned Amount:</b> <b>General</b> Rs.32,68,801/- <b>Capital</b> Rs.1,97,697/- <b>Total</b> Rs.34,66,498/-	<b>General</b> Rs.11,44,401/- - <b>Capital</b> Rs. 1,97,697/- <b>Total</b> Rs.13,42,098/-
44.	<b>SP/YO/059/2017</b> Small scale wind turbine generator optimized for low wind speeds	<b>Harjot Singh Gill</b>  Chandigarh University, Gharuan	<b>Date of Sanction:</b> 20/11/2017 <b>Sanctioned Amount:</b> <b>General</b> Rs.11,12,620/- <b>Capital</b> Rs.12,26,200/- <b>Total</b> Rs.23,38,820/-	<b>General</b> Rs.4,63,620/- <b>Capital</b> Rs.12,26,200/- - <b>Total</b> Rs.16,89,820/-
45.	<b>SP/YO/060/2017</b> Novel biodegradable cutting fluid development for industrial application	<b>Rahul Katna</b>  Delhi Institute Of Tool Engineering, Maa Anandmayi Marg, Okhla Industrial Area, Phase II, New Delhi-110020	<b>Date of Sanction:</b> 20/12/2017 <b>Sanctioned Amount:</b> <b>General</b> Rs.15,24,100/- <b>Capital</b> Rs.2,50,000/- <b>Total</b> Rs.17,74,100/-	<b>General</b> Rs.8,34,800/- <b>Capital</b> Rs.2,50,000/- <b>Total</b> Rs.10,84,800/-
46.	<b>SP/YO/104/2017</b>	<b>Dr. Nirmala Devi</b>	<b>Date of</b>	<b>General</b>

	Development of hybrid polymer nanocomposites from waste plastics and wood dust	National Institute Of Technology, Nagaland, Dimapur	<b>Sanction:</b> 15/12/2017 <b>Sanctioned Amount:</b> <b>General</b> Rs.9,15,300/- <b>Capital -Nil/-</b> <b>Total</b> Rs.9,15,300/-	Rs.4,63,300/-
47.	<b>SP/YO/084/2017</b> “Upgradation of heavy crude oil and diesel by bio desulfurization using a microorganism with improved activity”	<b>Priyanka Aswal Rawat</b>  IIT Delhi, Hauz Khas, New Delhi	<b>Date of Sanction:</b> 09.01.2018 <b>Sanctioned Amount:</b> <b>General</b> Rs.28,13,700/- <b>Capital -Nil/-</b> <b>Total</b> Rs.28,13,700/-	<b>General</b> Rs.9,37,900/-
48.	<b>SP/YO/111/2017</b> “Identification of elite chemotype (s) of Plumbago zeylanica linn, Collected of India and evaluation of biological potential of elite germplasm”	<b>Phuspendra Kumar Shukla</b>  CSIR- National botanical research Institute, Lucknow – 226001	<b>Date of Sanction:</b> 01/12/2017 <b>Sanctioned Amount:</b> <b>General</b> Rs. 21,35,700/- <b>Capital -Nil/-</b> <b>Total</b> Rs.21,35,700/-	<b>General</b> Rs.7,11,900/-
49.	<b>SP/YO/112/2017</b> “Bacterial endophytes as microbial inoculants for progressvie farming of Chrysanthemum (Dendranthema grandiflora Tzvelev)	<b>Dr. Anjali Chauhan</b>  Dr. Y.S. Parmar Univesity of Horticulture and Forestry, Nauni, Solan (H.P)	<b>Date of Sanction:</b> 05.03.2018 <b>Sanctioned Amount:</b> <b>General</b> Rs.21,45,448/- <b>Capital</b> Rs.6,00,000/- <b>Total</b> Rs.27,45,448/-	<b>General</b> Rs.7,78,600/- <b>Capital</b> Rs.6,00,000/- <b>Total</b> Rs.13,78,600/ -
50.	<b>SP/YO/114/2017</b> “Development and evaluation of pongamia pod decorticator and mini vegetable seed oil extraction machine”	<b>Rajesh Kumar K</b>  Department of Forestry and Environment Science, University of Agricultural Sciences, GKVK CAMPUS, Bengaluru – 560065	<b>Date of Sanction:</b> 09.01.2018 <b>Sanctioned Amount:</b> <b>General</b> Rs.18,81,779/- <b>Capital</b> Rs.7,41,378/- <b>Total</b> Rs.26,23,157/-	<b>General</b> Rs.6,52,300/- <b>Capital</b> Rs. 1,50,000/- <b>Total</b> Rs.13,93,678/ -
51.	<b>SP/YO/115/2017</b> “Evaluating different	<b>Bharti Gautam</b>	<b>Date of Sanction:</b>	<b>General</b> Rs.6,16,021/-

	ornamental plants for indoor vertical gardening using different nutrient formulations and light intensities”	Punjab Agricultural University Ludhiana, Punjab	04.01.2018 <b>Sanctioned Amount:</b> <b>General</b> Rs.18,38,121/- <b>Capital</b> Rs.1,88,240/- <b>Total</b> Rs.20,26,361/-	<b>Capital</b> Rs. 88,240/- <b>Total</b> Rs.8,04,261/-
52.	<b>SP/YO/116/2017</b> “Farmers livelihood security and environmental sustainability through integrated nutrient management”	<b>Dr. Lopamudra Mohapatra</b>  Punjab Agricultural University Ludhiana, Punjab	<b>Date of Sanction:</b> 23/11/2017 <b>Sanctioned Amount:</b> <b>General</b> Rs.21,16,716/- <b>Capital -Nil/-</b> <b>Total</b> Rs.21,16,716/-	<b>General</b> Rs.6,32,800/-
53.	<b>SP/YO/118/2017</b> “Enhancement of soil fertility and crop yield in organic farming by phosphate solubilizing Rhizobacteria”	<b>Dr. Gurdeep Kaur</b>  Chandigarh University NH-95, Chandigarh – Ludhiana Highway, Mohali, Punjab	<b>Date of Sanction:</b> 14.05.2018 <b>Sanctioned Amount:</b> <b>General</b> Rs.16,89,922/- <b>Capital</b> Rs.10,37,220/- <b>Total</b> Rs.27,27,142/-	<b>General</b> Rs. 6,14,122/-
54.	<b>SP/YO/120/2017</b> “Based sustainable production of biodiesel from castor (Ricinus communis)”	<b>Pelesakuo Kehie</b>  Dept. of Chemistry, Immanuel College, Dimapur, Nagaland – 797112	<b>Date of Sanction:</b> 13/3/2018 <b>Sanctioned Amount:</b> <b>General</b> Rs.30,90,098/- <b>Capital</b> Rs.5,95,982/- <b>Total</b> Rs.36,86,080/-	<b>General</b> Rs. 10,33,098/- <b>Capital</b> Rs.5,95,982/- <b>Total</b> Rs.16,29,080/ -
55.	<b>SP/YO/121/2017</b> “Bacterial endophyte community dynamics in apple cultivators: its impact on scab prevalence in Kashmir Valley”	<b>Dr. Shahid Ahmad Padder</b>  Sher-E-Kashmir University of Agricultural Sciences and Technology of Kashmir, Shalimar, J & K – 190025	<b>Date of Sanction:</b> 5/3/2018 <b>Sanctioned Amount:</b> <b>General</b> Rs.27,91,100/- <b>Capital - Nil/-</b> <b>Total</b> Rs.27,91,100/-	<b>General</b> Rs. 9,49,200/-
56.	<b>SP/YO/124/2017</b> “Popularization of	<b>Dr. R. Karthic</b>	<b>Date of Sanction:</b>	<b>General</b> Rs.8,36,200/-

	banana macropropagation technology in the cauvery delta region of Tiruchirappalli Distr. As an activity for rural women self help groups”	ICAR- National Research Centre for Banana, Thogamalai, Thogamalai Road, Thaynur Post, Tiruchirappalli	14.03.2018 <b>Sanctioned Amount:</b> <b>General</b> Rs.16,72,400/- <b>Capital</b> - Nil/- <b>Total</b> Rs.16,72,400/-	
57.	<b>SP/YO/125/2017</b> “Development synergistic blend of bioformulation for combating plant diseases in agricultural crops-An approach towards sustainable agriculture”	<b>Dr. Richa Salwan</b>  CSK Himachal Pradesh Agricultural University, Palampur	<b>Date of Sanction:</b> 12/12/2017 <b>Sanctioned Amount:</b> <b>General</b> Rs.29,79,859/- <b>Capital</b> Rs.4,95,840/- <b>Total</b> Rs.34,75,699/-	<b>General</b> Rs.10,64,509/ - <b>Capital</b> Rs.4,95,840/- <b>Total</b> Rs.15,60,349/ -
58.	<b>SP/YO/126/2017</b> “Smartphone imaging aided point of care dipstick platform for heavy metals sensing in water”	<b>Pooja D.</b>  CSIR – Central Scientific Instruments Organization, Sector – 30, Chandigarh – 160030	<b>Date of Sanction:</b> 15/12/2017 <b>Sanctioned Amount:</b> <b>General</b> Rs.21,72,729/- <b>Capital</b> Rs.4,30,870/- <b>Total</b> Rs.26,03,599/-	<b>General</b> Rs.7,90,513/- <b>Capital</b> Rs. 4,30,870/- <b>Total</b> Rs.12,21,383/ -
59.	<b>SP/YO/130/2017</b> “Mass production and utilization of anthocorids against horticulture sucking pests of Kashmir region”	<b>Dr. Sahid Ali Akbar</b>  Central Institute of Temperate Horticulture, Rangreth, Srinagar	<b>Date of Sanction:</b> 05/12/2017 <b>Sanctioned Amount:</b> <b>General</b> Rs.29,26,246/- <b>Capital</b> Rs.8,12,280/- <b>Total</b> Rs.37,48,526/-	<b>Release Amount:</b> <b>General</b>  Rs.10,49,146/ - <b>Capital</b> Rs.8,12,280/- <b>Total</b> Rs.18,61,426/ -
60.	<b>SP/YO/132/2017</b> “Economic upliftment of low income farmers through exotic vegetable production”	<b>Dr. Jujhar Singh</b>  Dept. of Agriculture , Sri Guru Teg Bahadur Khalsa College, Anandpur Sahid,	<b>Date of Sanction:</b> 15.03.2018 <b>Sanctioned Amount:</b> <b>General</b> Rs.24,46,700/- <b>Capital</b> Rs.6,50,000/- <b>Total</b> Rs.32,96,700/-	<b>General</b> Rs.9,43,900/- <b>Capital</b> Rs. 6,50,000/- <b>Total</b> Rs.15,93,900/ -