

S. No.	TP N No.	Project Title	Investigator	Institute	Address	PI [Institute]	Co-PI [Institute]	Email	Mobile	Project Duration	Total Proposed Cost (in INR)
1	37837	Nanoformulations to control fungal mediated diseases in Ground nut (Arachis hypogaea)	Dr.Hemalatha	B.S.ABDUR RAHMAN CRESCENT UNIVERSITY	B.S. Abdur Rahman Crescent University, Seethakathi Estate, Vandalur, Chennai - 600048. VANDALUR-CHENNAI Tamilnadu(600048)	1. Dr. Hemalatha B.S.ABDUR RAHMAN CRESCENT UNIVERSITY B.S. Abdur Rahman Crescent University, Seethakathi Estate, Vandalur, Chennai - 600048. VANDALUR-CHENNAI Tamilnadu(600048)	1. Dr. Manish k Pandey INTERNATIONAL CROP RESEARCH INSTITUTE FOR SEMI ARID TROPICS (ICRISAT) Hyderabad Hyderabad Telangana(502324)	hemalatha.sls@bsauniv.ac.in	7418919596	3 Years and 0 Months	7791000
2	37951	A study on effect of biologically synthesized iron oxide nanoparticles as nanofertilizer	Dr.Remya Varadarajan	PILLAI COLLEGE OF ARTS COMMERCE AND SCIENCE	PCACS, DR. K M VASUDEVAN PILLAI CAMPUS, PLOT NO.10, SECTOR 16, NEW PANVEL NEW PANVEL Maharashtra(410206)	1. Dr. Remya Varadarajan PILLAI COLLEGE OF ARTS COMMERCE AND SCIENCE PCACS, DR. K M VASUDEVAN PILLAI CAMPUS, PLOT NO.10, SECTOR 16,	1. Dr. Mansee Thakur MAHATMA GANDHI MISSION INSTITUTE OF HEALTH SCIENCES Associate Professor Navi Mumbai	remyavaradarajan@gmail.com	9757088203	3 Years and 0 Months	2800000

						NEW PANVEL NEW PANVEL Maharashtra(410206)	Navi Mumbai Maharashtra(4 10209) 2. Dr. NAVAMI DAYAL PILLAI COLLEGE OF ARTS COMMERCE AND SCIENCE Dr K M Vasudevan Pillai Campus Department of Biotechnology Pillai College of Arts, Commerce & Science Plot No. 10, Sector- 16, NEW PANVEL Maharashtra(4 10206)				
3	37 95 5	Exploring The Enormous Potential of the Nano- Keplerates for Novel	Dr.SOMENAT H GARAI	NATIONAL INSTITUTE OF TECHNOLOGY , TIRUCHIRAPP ALLI	Thuvakudy, National Highway 67, Tanjore Main Road Tiruchirappalli Tiruchirappalli	1. Dr. JEYABASKARAN K J ICAR NATIONAL RESEARCH CENTRE FOR BANANA	1. Dr. Padmavathy P TAMIL NADU DR. J. JAYALALITHAA FISHERIES UNIVERSITY	sgarai@nitt.edu	82470 85726	5 Year s and 0 Mon ths	25349 200

	Applications for Agriculture			Tamilnadu(620015)	<p>ICAR-National Research Centre for Banana, Thayanur Post, Thogamalai Road, Tiruchirapalli “ 620102 (Tamil Nadu) Trichy</p> <p>Tamilnadu(620102) 1. Dr. SOMENATH GARAI NATIONAL INSTITUTE OF TECHNOLOGY, TIRUCHIRAPPALLI</p> <p>Thuvakudy, National Highway 67, Tanjore Main Road Tiruchirappalli Tiruchirappalli Tamilnadu(620015) 2. Dr. Kamatchi Sankaranarayanan</p>	<p>Department of Aquatic Environment Management Fisheries College and Research Institute Tamil Nadu Dr.J.Jayalalitha Fisheries University Thoothukudi - 628 008. Thoothukudi Tamilnadu(628 008) 2. Dr. Sabbani Supriya</p> <p>JAWAHARLAL NEHRU UNIVERSITY School of Physical Sciences Jawaharlal Nehru University New Delhi, India - 110067 New Delhi Delhi(110067)</p>				
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						<p>INSTITUTE OF ADVANCE STUDY IN SCIENCE AND TECHNOLOGY Department of Bio- Physics IASST Guwahati Boragaon, Guwahati, Assam 781035 Guwahati Assam(781035) 3. Prof. Sarat Chandra Babu J NATIONAL INSTITUTE OF TECHNOLOGY TIRUCHIRAPPALLI TRICHY Department of Chemical Engineering NIT Tiruchirappalli, Thanjavur National Highway 83 Tiruchirappalli, Tamil Nadu-620015 Trichy Tamilnadu(620015)</p>					
4	37 96 6	Characterisation and Field Evaluation of Nanofertilizers for Higher	Dr.Raghunatha Reddy R L	UNIVERSITY OF HORTICULTURAL SCIENCES BAGALKOT	The Registrar, University of Horticultural Sciences, Udyanagiri, Bagalkot-587104	<p>1. Dr. Raghunatha Reddy R L UNIVERSITY OF HORTICULTURAL SCIENCES BAGALKOT</p>	<p>1. Dr. Shankarappa K S UNIVERSITY OF HORTICULTURAL SCIENCES,</p>	rlrreddy@gmail.com	98444 97120	3 Year s and 0 Mon ths	34600 00

		Productivity			Karnataka, India. Bagalkot Karnataka(58 7104)	Assistant Professor Regional Horticultural Research and Extension Center, Bengaluru GKVK, bengaluru 560065 Kolar - 563103 Bengaluru Karnataka(560065)	BAGALKOT College of Horticulture, Bengaluru 560065 Bengaluru Karnataka(560 065)				
5	37 94 4	Developmen t of Smart Responsive Polymeric Nanogels for Controlled Delivery of Pesticides: A Novel Strategy for Pesticide Managemen t.	Dr.PRITI	KALINGA INSTITUTE OF INDUSTRIAL TECHNOLOGY (KIIT UNIVERSITY)	Kalinga Institute of Industrial Technology (KIIT University) Chandrasekha r Pur, Patia Bhubaneswar -751024 Odisha Bhubaneswar Orissa(751024)	1. Dr. Bikash Ranjan Sahu KIIT DEEMED TO BE UNIVERSITY School of biotechnology, KIIT University, Campus XI, Patia, Bhubaneshwar, Odisha. Bhubaneswar Orissa(751024) 1. Dr. PRITI SUNDAR MOHANTY KALINGA INSTITUTE OF INDUSTRIAL TECHNOLOGY (KIIT	1. Dr. Suresh Kumar Bhat CSIR NATIONAL CHEMICAL LABORATORY National Chemical Laboratory (NCL), Pune. 122. Address : Dr. Homi Bhabha Road, Pune- 411008. pune Maharashtra(4 11008)	pritimohanty02@gmai l.com	83288 52774	3 Year s and 0 Mon ths	40000 00

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y Studies,
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4. Dr. Mohana

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CABHN,
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ry University,
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**5. Dr. T N T K
V PRASAD**
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gy laboratory,
Institute of

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							Frontier Technology, Regional Agricultural Research Station, Tirupati, India Tirupati Andhra Pradesh(517502)				
7	37 52 7	Molecular physiology of functionalized selenium nanoparticle mediated regulation of arsenic stress in Mung bean(Vigna radiata L.).	Dr.Hrishikesh Upadhyaya	COTTON UNIVERSITY	Panbazar, Guwahati, Assam Guwahati Assam(781001)	1. Dr. Devasish Chowdhury IASRI Vigyan Path, Paschim Boragaon Garchuk, Guwahati, Assam 781035 India Email: registrariasst[at]gmail[dot]com Phone: +91-361-2273061 / 2273064 Fax: +91- 361-2273062 Guwahati Assam(781035) 1. Dr. Hrishikesh Upadhyaya COTTON UNIVERSITY Panbazar, Guwahati, Assam Guwahati Assam(781001)	1. Dr. Raju Bharalee COTTON UNIVERSITY Panbazar, Guwahati Guwahati Assam(781001)	hkupbl_au@rediffmail.com	94355 03442	3 Year s and 0 Mon ths	21166 800

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**3. Prof. Sanjib
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**4. Dr. Sudhakar
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Development

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						Development Banaras Hindu University Varanasi â€“ 221005, UP					
						Varanasi Uttar Pradesh(221005)					
8	37 28 3	Managemen t of Fall Army Worm, Spodoptera frugiperda using biodegradab le nanoparticle s with entomopath ogenic fungus and entomopath ogenic nematodes	Dr.Jenita Thinakaran	KARUNYA INSTITUTE OF TECHNOLOGY AND SCIENCES	Karunya Nagar, Coimbatore Coimbatore Tamilnadu(64 1114)	1. Dr. Jenita Thinakaran KARUNYA INSTITUTE OF TECHNOLOGY AND SCIENCES Karunya Nagar, Coimbatore Coimbatore Tamilnadu(641114)	1. Dr. C Vani KARUNYA INSTITUTE OF TECHNOLOGY AND SCIENCES Department of Biotechnology, Karunya Institute of Tech. and Sciences, Karunya Nagar, Coimbatore Coimbatore Tamilnadu(641 114) 2. Dr. I V Muthu Vijayan Enoch KARUNYA INSTITUTE OF TECHNOLOGY AND SCIENCES	jenita@karunya.edu	93445 69224	3 Year s and 0 Mon ths	76349 60

							Department of Nanotechnology Karunya Institute of Technology and Sciences, Karunya Nagar, Coimbatore Coimbatore Tamilnadu(641114)				
9	37 94 7	Development and safety evaluation of clay nanocomposite based starch - polyolefin/poly lactide blend films for food packaging applications	Dr.Gaurav Goel	INDIAN INSTITUTE OF TECHNOLOGY DELHI	Indian Institute of Technology-Delhi Hauz Khas New Delhi Delhi(110016)	<p>1. Dr. Gaurav Goel INDIAN INSTITUTE OF TECHNOLOGY DELHI</p> <p>Block-I 309, Chemical Engineering IIT Delhi, Hauz Khas New Delhi Delhi(110016)</p> <p>2. Dr. Prarabdh Badgujar</p> <p>NATIONAL INSTITUTE OF FOOD TECHNOLOGY ENTREPRENEURSHIP AND MANAGEMENT</p>	<p>1. Dr. Bhanu Nandan</p> <p>IIT DELHI Department of Textile and Fibre Engineering, IIT Delhi, Hauz Khas New Delhi Delhi(110016)</p> <p>2. Dr. Bhaswati Bhattacharya NATIONAL INSTITUTE OF FOOD TECHNOLOGY ENTREPRENEURSHIP AND MANAGEMENT</p>	goelg@chemical.iitd.ac.in	9810607784	3 Years and 0 Months	9852548

						Plot-97, Sector-56, HSIIDC Industrial Estate. NIFTEM Kundli Haryana(131028)	Plot-97, Sector-56, HSIIDC Industrial Estate. NIFTEM Kundli Haryana(1310 28) 3. Dr. Rajiv K Srivastava IIT DELHI Department of Textile and Fibre Engineering, IIT Delhi, Hauz Khas New Delhi Delhi(110016)				
10	37 34 7	Encapsulate d Micronutrie nts in Nanosize Containers for Precision Agriculture and Effective Crop Growth under Adverse Climatic Conditions	Dr.KAMATCHI	INSTITUTE OF ADVANCE STUDY IN SCIENCE AND TECHNOLOGY	Paschim Boragaon,Gar chuk Guwahati- 781035 Guwahati Assam(78103 5)	1. Dr. K J JEYABASKARAN ICAR NATIONAL RESEARCH CENTRE FOR BANANA ICAR - National Research Centre for Banana, Thogamalai Road, Thayanur Post, Tiruchirapalli - 620 102. Tamil Nadu, India Tiruchirapalli	1. Dr. Debajit Thakur INSTITUTE OF ADVANCE STUDY IN SCIENCE AND TECHNOLOGY Institute of Advance Study in Science and Technology, Guwahati, Assam “ 781035 Guwahati	kamatchi.sankaran@g mail.com	97908 01563	5 Year s and 0 Mon ths	19274 600

					<p>Tamilnadu(620102) 1. Dr. KAMATCHI SANKARANARAYANAN INSTITUTE OF ADVANCE STUDY IN SCIENCE AND TECHNOLOGY Institute of Advanced Study in Science and Technology, An Autonomous Institute Under DST, Govt. of India Vigyan Path, Paschim Boragaon Garchuk, Guwahati, Assam 781035 India Guwahati Assam(781035)</p>	<p>Assam(781035)) 2. Dr. J Sarat Chandra Babu NATIONAL INSTITUTE OF TECHNOLOGY, TIRUCHIRAPPALLI Department of Chemical Engineering, NIT Tiruchirappalli, Trichy, TN-620015 Tiruchirappalli Tamilnadu(620015) 3. Dr. Rahul Pralhad Hepat INSTITUTE OF ADVANCE STUDY IN SCIENCE AND TECHNOLOGY Institute of Advance Study in Science and Technology, Guwahati,</p>			
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Assam " 781035					
Guwahati Assam(781035)					
4. Dr. Rajalakshmi Devi					
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Institute of Advance Study in Science and Technology, Guwahati, Assam " 781035					
Guwahati Assam(781035)					
5. Dr. Somenath Garai					
NATIONAL INSTITUTE OF TECHNOLOGY TIRUCHIRAPPALLI					
Department of Chemistry NIT Tiruchirappalli					

							Tiruchirapalli Tamilnadu(620 015)				
11	33 50 9	Electro spun fibre nano- matrix embedded Synbiotics for effective managemen t of mycotoxin in Groundnut	Dr.SABARINAT HAN KG	AGRICULTUR AL COLLEGE AND RESEARCH INSTITUTE, KILLIKULAM	The Dean, Agricultural College and Research Institute Killikulam, Vallanadu - 628 252 Thoothukudi District Tamil Nadu, India VALLANADU Tamilnadu(62 8252)	1. Dr. K Govindaraju SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY Dr.K.Govindaraju Scientist E/Associate Professor Centre for Ocean Research DST FIST Sponsored Centre Sathyabama Institute of Science and Technology Chennai-600 119. Chennai Tamilnadu(600191) 1. Dr. SABARINATHAN KG AGRICULTURAL COLLEGE AND RESEARCH INSTITUTE, KILLIKULAM	1. Dr. K S Subramanian TAMIL NADU AGRICULTURA L UNIVERSITY Dr.K.S.Subram anian Director of Research and Professor Nanoscience and Technology Tamil Nadu Agricultural University Coimbatore â€“ 641 003 India COIMBATORE Tamilnadu(641 003) 2. Dr. M GOMATHY TAMILNADU AGRICULTURA L UNIVERSITY	sabarimicro@hotmail. com	97905 47638	3 Year s and 0 Mon ths	26722 00

						Dr.K.G.Sabarinathan, Ph.D.,PDFMex. Assistant Professor Agricultural Microbiology Department of Plant Pathology Agricultural College and Research Institute Killikulam, Vallanadu - 628 252 Thoothuk VALLANADU Tamilnadu(628252)	DEPARTMENT OF SOIL SCIENCE AND AGRL.CHEMIST RY KILLIKULAM Tamilnadu(628 252) 3. Dr. R KANNAN TAMIL NADU AGRICULTURA L UNIVERSITY Dr.R.Kannan Professor&He ad (Plant Pathology) Agricultural College and Research Institute Killikulam Tirunelveli TIRUNELVELI Tamilnadu(628 252)				
12	35 10 5	DEVELOPME NT OF IOT BASED THIN	Dr.Uttarakum ari M	R.V.COLLEGE OF ENGINEERING	8th Mile, R.V.Vidyanike tan Post,	1. Dr. Uttarakumari M R.V.COLLEGE OF	1. Dr. Krishna M R V COLLEGE	uttarakumari@rvce.ed u.in	99453 36808	3 Year s and	57800 00

	FILM SENSOR SYSTEM FOR MACRONUT RIENT ANALYSIS IN FARMING USING DEEP LEARNING ALGORITHM		Mysuru Road,Bengalu ru Bengaluru Karnataka(56 0059)	ENGINEERING 8th Mile, R.V.Vidyaniketan Post, Mysuru Road,Bengaluru Bengaluru Karnataka(560059)	OF ENGINEERING 8th mile, Mysore road RV Post Bangalore Karnataka(560 059) 2. Mr. Ravishankar Holla R V COLLEGE OF ENGINEERING 8th mile, Mysore road RV Post Bangalore Karnataka(560 059) 3. Dr. Thimme Gowda UNIVERSITY OF AGRICULTURA L SCIENCES, BENGALURU AICRP on Dryland Agriculture UAS, GKVK Bangalore Karnataka(560 065)		0 Mon ths	
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13	37 77 4	Mycogenic synthesis of active metal nanoparticles for the development of nano-stimulator to improve plant growth and secondary metabolite production of selected medicinal plant of Chhattisgarh	Dr.Sushil Kumar Shahi	GURU GHASIDAS CENTRAL UNIVERSITY	Bilaspur,(C.G.) ,Koni, Bilaspur BILASPUR Chhattisgarh(495009)	1. Dr. Sushil Kumar Shahi GURU GHASIDAS CENTRAL UNIVERSITY Bilaspur,(C.G.),Koni, Bilaspur BILASPUR Chhattisgarh(495009)	NA	sushilkshahi@gmail.com	94792 30418	5 Year s and 0 Mon ths	12844 400
14	37 92 2	Nano-fiber based encapsulation for efficient delivery of novel Bio-Control agents against Xanthomonas	Dr.Taslimarif Saiyed	CENTRE FOR CELLULAR AND MOLECULAR PLATFORMS	UAS-GKVK campus, Bellary Road Bangalore Karnataka(560065)	1. Dr. Taslimarif Saiyed CENTRE FOR CELLULAR AND MOLECULAR PLATFORMS UAS-GKVK campus, Bellary Road Bangalore	1. Prof. K Subaharan NATIONAL BUREAU OF AGRICULTURAL INSECT RESOURCES ICAR - National Bureau of Agricultural Insect Resources Attur Layout Yelahanka Campus Bangalore - 560 064 India Bangalore	taslim@ccamp.res.in	96209 59162	3 Year s and 0 Mon ths	99568 00

						Karnataka(560065)	Karnataka(560064)				
15	37 94 1	Development of synthetic and botanical pesticide nano-formulations and their impacts on soil health	Dr.PRITHUSAYAK MONDAL	UTTAR BANGA KRISHI VISWAVIDYALAYA	UTTAR BANGA KRISHI VISWA VIDYALAYA, DIST- COOCH BEHAR, PUNDIBARI, PIN-736165 PUNDIBARI West Bengal(736165)	1. Dr. PRITHUSAYAK MONDAL UTTAR BANGA KRISHI VISWAVIDYALAYA UTTAR BANGA KRISHI VISWA VIDYALAYA, DIST- COOCH BEHAR, PUNDIBARI, PIN-736165 PUNDIBARI West Bengal(736165)	1. Dr. NINTU MANDAL BIHAR AGRICULTURAL UNIVERSITY, SABOUR Nanoscience & Nanotechnology Unit, Department of Soil Science and Agricultural Chemistry, Bihar Agricultural University, Sabour, Bhagalpur, Bihar 813210 SABOUR Bihar(813210)	prithusayak@gmail.com	70479 28535	3 Year s and 0 Mon ths	12820 000
16	37 74 1	Use of tailored nanoparticles as fertilizers and pesticides: a sustainable agricultural prospect.	Prof.Tarakdas Basu	UNIVERSITY OF KALYANI	University Road, Near Kalyani Ghoshpara Railway Station, District Nadia, Kalyani, West Bengal Kalyani West	1. Dr. Ruma Basu JOGAMAYA DEVI COLLEGE Department of Physics, Jogamaya Devi College. Kolkata West Bengal(700026) 1. Prof. Tarakdas	NA	tarakdb@yahoo.com	94335 01504	3 Year s and 0 Mon ths	15940 480

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2. Prof. Sukhen Das

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3. Prof. Tapas

Kumar

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						<p>4. Prof. Tarakdas Basu UNIVERSITY OF KALYANI University Road, Near Kalyani Ghoshpara Railway Station, District Nadia, Kalyani, West Bengal Kalyani West Bengal(741235)</p>					
17	37820	Profiling bio amp toxicokinetic spectrums and environmental effects of major Nano Agri Inputs NAIPs and Nano Agri Products NAPs and developing bio safety standards for safe commercialization.	Dr.A Lakshmanan	TAMIL NADU AGRICULTURAL UNIVERSITY	Lawly Road, Tamil Nadu Agricultural University, Coimbatore Coimbatore Tamilnadu(641003)	<p>1. Dr. A Lakshmanan TAMIL NADU AGRICULTURAL UNIVERSITY</p> <p>Lawly Road, Tamil Nadu Agricultural University, Coimbatore Coimbatore Tamilnadu(641003)</p>	<p>1. Dr. C Sharmila Rahale TAMIL NADU AGRICULTURAL UNIVERSITY Department of Nano Science &Technology Tamil Nadu Agricultural University (TNAU) Coimbatore -3, Tamil Nadu, India Coimbatore Tamilnadu(641003)</p> <p>2. Dr. P S Vijayakumar</p>	nanotech@tnau.ac.in	9994666113	3 Years and 0 Months	18341000

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INSTITUTE OF NANO SCIENCE AND TECHNOLOGY Institute of Nano Science and Technology Habitat Centre, Phase- 10, Sector- 64, Mohali, Punjab - 160062 Phone Numbers 91- 172- 2210075/57/5 6 Coimbatore Punjab(16006 2) 3. Dr. R Shankar BHARATHIAR UNIVERSITY Molecular Simulation Laboratory Department of Physics. Bharathiar University, Coimbatore, Tamil Nadu, India. Coimbatore				
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							Tamilnadu(641046) 4. Dr. SK Rajkishore TAMIL NADU AGRICULTURAL UNIVERSITY O/o Dean (SPGS), Tamil Nadu Agricultural University, Coimbatore. Coimbatore Tamilnadu(641003)				
18	37592	Nanotechnological intervention for value addition in processing of cotton seeds, by-product and waste of cotton, jack fruit, cashew apple, banana and other fruits through nanolignocellulose and biodegradable packaging	Dr.Dattatreya M kadam	ICAR CENTRAL INSTITUTE FOR RESEARCH ON COTTON TECHNOLOGY (ICAR CIRCOT), MUMBAI	ICAR-CIRCOT, 5, Adenwala Road, Matunga (East), Mumbai Maharashtra(400019)	1. Dr. Dattatreya M kadam ICAR CENTRAL INSTITUTE FOR RESEARCH ON COTTON TECHNOLOGY (ICAR CIRCOT), MUMBAI Adenwala Road, Matunga, Mumbai Mumbai Maharashtra(400019) 1. Prof. Charu Lata Mahanta	1. Dr. A R Desai ICAR CENTRAL COASTAL AGRICULTURAL RESEARCH INSTITUTE ICAR-Central Coastal Agricultural Research Institute, Old Goa, Goa Old Goa Goa(403402) 2. Dr. Bibwe Bhushan Ratnakar	kadam1k@gmail.com	9417596894	5 Years and 0 Months	20000000

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(East), Mumbai Mumbai Maharashtra(4 00019) 6. Dr. Prashant S Deshmukh ICAR CENTRAL INSTITUTE FOR RESAERCH ON COTTON TECHNOLOGY (ICAR CIRCOT), MUMBAI ICAR-CIRCOT, 5, Adenwala Road, Matunga East, Mumbai Mumbai Maharashtra(4 00019) 7. Dr. S Priya Devi ICAR CENTRAL COASTAL AGRICULTURA L RESEARCH INSTITTUE ICAR-Central Coastal Agricultural Research Institute, Ela,				
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							Old Goa				
							Old Goa Goa(403402)				
19	37 91 0	FUNCTIONALIZED NANOMATERIALS PROMOTE FISH GROWTH AND INHIBIT COLON CANCER ANOVA CANCER NUTRICEUTICALS	Dr.RAMASUBRAMANIAN V	BHARATHIAR UNIVERSITY	Bharathiar University, Coimbatore 641 046, Tamil Nadu coimbatore Tamilnadu(641046)	1. Dr. RAMASUBRAMANIAN V BHARATHIAR UNIVERSITY Bharathiar University, Coimbatore 641 046, Tamil Nadu coimbatore Tamilnadu(641046)	1. Dr. KANNAN S PERIYAR UNIVERSITY Department of Zoology, Periyar University, Salem- 636011 Salem Tamilnadu(636011)	vraman68@rediffmail.com	98430 56645	3 Year s and 0 Mon ths	54712 00
20	37 87 0	Nano Strategies for Sequential Drought Mitigation to Sustain Farm Productivity	Dr.KS Subramanian	TAMIL NADU AGRICULTURAL UNIVERSITY	Lawly Road, Tamil Nadu Agricultural University, Coimbatore Coimbatore Tamilnadu(641003)	1. Dr. KS Subramanian TAMIL NADU AGRICULTURAL UNIVERSITY Lawly Road, Tamil Nadu Agricultural University, Coimbatore Coimbatore Tamilnadu(641003)	1. Dr. A LAKSHMANAN TAMIL NADU AGRICULTURAL UNIVERSITY Department of Nano science and Technology Tamil Nadu Agricultural University Coimbatore Coimbatore Tamilnadu(641003) 2. Dr. Arun	kssubra2001@rediffmail.com	98940 65449	3 Year s and 0 Mon ths	43890 000

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**4. Dr. KJ
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ICAR-National
Research
Centre for
Banana,
Thayanur Post,
Thogamalai
Road,
Tiruchirapalli

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Tiruchirappalli
Tamilnadu(620
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**5. Dr. S
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Coimbatore
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**6. Dr. S
VISWANATHA
N**
ALAGAPPA
UNIVERSITY
Alagappa
University,
Karaikudi
Sivaganga
District
Karaikudi
Tamilnadu(630
003)

**7. Dr. SK
Rajkishore**

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							TAMIL NADU AGRICULTURAL UNIVERSITY School of Post Graduate Studies Tamil Nadu Agricultural University Coimbatore Coimbatore Tamilnadu(641003)				
21	37 91 3	Development of biofunctional nano composite sustainable films for food packaging applications	Dr.SAMLESH KUMARI	ICAR CENTRAL INSTITUTE OF AGRICULTURAL ENGINEERING BHOPAL	ICAR-Central Institute of Agricultural Engineering Nabibagh Berasia road Bhopal 462038 Bhopal Madhya Pradesh(462038)	1. Dr. SAMLESH KUMARI ICAR CENTRAL INSTITUTE OF AGRICULTURAL ENGINEERING BHOPAL ICAR-Central Institute of Agricultural Engineering Nabibagh Berasia road Bhopal 462038 Bhopal Madhya Pradesh(462038)	1. Mr. Ajesh Kumar V ICAR ICAR-Central Institute of Agricultural Engineering, Bhopal Bhopal Madhya Pradesh(462038) 2. Dr. Suresh Sundaramurthy M A INSTITUTE OF INFORMATION	samleshndri.kumari@gmail.com	9425948072	3 Years and 0 Months	4499000

							TECHNOLOGY Maulana Azad National Institute of Technology Bhopal. Near Mata Mandir, Link Road No.3 Bhopal (M.P.) India “ 462003 Bhopal Madhya Pradesh(462003)				
22	37 90 4	Evaluation of biofabricated nanoparticles (Zn, Fe and Cu) coated with phycomolecules as novel nanocatalysts for sustainable release of nutrients for enhanced growth and development in Tomato,	Prof.Shivesh Sharma	MOTILAL NEHRU NATIONAL INSTITUTE OF TECHNOLOGY ALLAHABAD	Motilal Nehru National Institute of Technology Allahabad, Allahabad Uttar Pradesh(211004)	1. Dr. Durgesh Kumar Tripathi AMITY INSTITUTE OF ORGANIC AGRICULTURE Amity Institute of Organic Agriculture Amity University Uttar Pradesh I 2 Block, 5th Floor, AUUP Campus Sector-125, Noida-201313, India Noida Uttar Pradesh(201313)	1. Dr. N K Singh MOTILAL NEHRU NATIONAL INSTITUTE OF TECHNOLOGY ALLAHABAD Department of Biotechnology, Motilal Nehru National Institute of Technology, Allahabad-211004, India Teliyarganj Uttar Pradesh(21100	shiveshs@mnnit.ac.in	90056 88273	3 Year s and 0 Mon ths	15789 872

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**1. Prof. Shivesh
Sharma**

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India
Noida
Uttar
Pradesh(20131
3)

						Tamilnadu(636011)					
23	37 84 2	Investigation of Copper Zinc-substituted Nickel Nanoferrites prepared by Green Synthesis for Agricultural Applications	Prof.Atul Thakur	AMITY UNIVERSITY HARYANA	Amity Education Valley , Panchgaon GURGAON Haryana(122413)	<p>1. Prof. Atul Thakur</p> <p>AMITY UNIVERSITY HARYANA</p> <p>Amity Education Valley , Panchgaon GURGAON Haryana(122413)</p>	<p>1. Dr. Ankusr Kaushal</p> <p>AMITY UNIVERSITY HARYANA</p> <p>Centre of Nanotechnology, Amity University Manesar Haryana(122413)</p> <p>2. Dr. Lucky Krishnia</p> <p>AMITY UNIVERSITY HARYANA</p> <p>Centre of Nanotechnology, Amity University Manesar Haryana(122413)</p> <p>3. Dr. Monica Sharma</p> <p>DR Y. S. PARMAR UNIVERSITY OF HORTICULTURE AND FORESTRY</p>	atulphysics@gmail.com	9805192061	3 Year s and 0 Mon ths	4986400

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YS Parmar
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RAKESH DHAR**
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HISAR
Dr.Rakesh
Dhar Professor
Dept. of

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						Applied Physics GJUS&T,Hisar Hisar Haryana(125001) 6. Dr. Sudeep Shukla AMITY UNIVERSITY HARYANA Amity University Manesar Haryana(122413)					
24	37819	Up-scaling and Commercialization of Biodegradable nano-bio-composites to control post harvest losses in vegetable	Dr.Vinod Saharan	MAHARAN PARTAP UNIVERSITY OF AGRICULTURE AND TECHNOLOGY ,UDAIPUR	Maharana Pratap University of Agriculure & Technology, Udaipur(Rajasthan) Udaipur Rajasthan(313001)	1. Dr. Vinod Saharan MAHARAN PARTAP UNIVERSITY OF AGRICULTURE AND TECHNOLOGY,UDAIPUR Maharana Pratap University of Agriculure Technology, Udaipur Rajasthan	1. Prof. Ram Avatar Kaushik MAHARANA PRATAP UNIVERSITY OF AGRICULTURE AND TECHNOLOGY, UDAIPUR Department of Horticulture, Rajasthan College of Agriculture, Maharana Pratap University of Agriculture	vinodsaharan@gmail.com	9461180586	2 Years and 0 Months	4700000

							001)				
25	37 91 5	Development of nano-biochar based green fertilizer enriched with cow urine and beneficial microbes	Dr.OS Nirmal Ghosh	CENTRE FOR INNOVATION IN SCIENCE AND SOCIAL ACTION (CISSA)	Centre for Innovation in Science and Social Action (CISSA) T.C. 15/510, USRA -55, Udarasiromani Road, Vellayambalam, Thiruvananthapuram - 695010, K Thiruvananthapuram Kerala(695010)	1. Dr. OS Nirmal Ghosh CENTRE FOR INNOVATION IN SCIENCE AND SOCIAL ACTION (CISSA) Centre for Innovation in Science and Social Action CISSA T.C. 15/510, USRA -55, Udarasiromani Road, Vellayambalam, Thiruvananthapuram - 695010, K Thiruvananthapuram Kerala(695010)	1. Dr. CK Peethambaran CENTRE FOR INNOVATION IN SCIENCE AND SOCIAL ACTION (CISSA) CISSA, T.C. 15/510, USRA -55, Udarasiromani Road, Vellayambalam, Thiruvananthapuram - 695010, Kerala, Thiruvananthapuram Kerala(695010) 2. Dr. CS Ravindran CENTRE FOR INNOVATION IN SCIENCE AND SOCIAL ACTION (CISSA)	cissaagri@gmail.com	95261 10020	3 Year s and 0 Mon ths	11111 000

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26	37 92 6	Biosynthesis and evaluation of smart nano-fertilizer for enhancing the uptake efficiency of Fe and Zn in pigeon pea (<i>Cajanus cajan</i>)	Dr.Sandhya	NATIONAL RESEARCH CENTRE ON PLANT BIOTECHNOLOGY	NRCPB, LBS Building, Pusa Campus, IARI, New Delhi New Delhi Delhi(110012)	1. Dr. Sandhya NATIONAL RESEARCH CENTRE ON PLANT BIOTECHNOLOGY Lab no -224, second floor, LBS building, Pusa Campus, New Delhi 110012 New Delhi Delhi(110012)	1. Dr. Kishor Gaikwad NATIONAL INSTITUTE FOR PLANT BIOTECHNOLOGY lab no 224, LBS building, Pusa Campus New Delhi Delhi(110012)	biochemsandhya@gmail.com	82957 27628	3 Year s and 0 Mon ths	45375 20
27	35 15 7	Alleviating drought stress in rice a nanoparticle mediated approach	Dr.Abhishek Mukherjee	INDIAN STATISTICAL INSTITUTE	203 Barrackpore Trunk Road Kolkata West Bengal(700108)	1. Dr. Abhishek Mukherjee INDIAN STATISTICAL INSTITUTE Rose Villa, New Barganda, Giridih Giridih Jharkhand(815301) 2. Dr. Chandan Kr Ghosh JADAVPUR UNIVERSITY Jadavpur University Kolkata West Bengal(700032) 3. Dr. Dipankar	1. Dr. Pradip Bhattacharyya INDIAN STATISTICAL INSTITUTE, GIRIDIH Rose Villa, New Barganda, Giridih Giridih Jharkhand(815302)	abhi.mukh@yahoo.com	89026 86646	3 Year s and 0 Mon ths	10367 000

						Chakraborti ST. XAVIER'S COLLEGE (AUTONOMOUS) KOLKATA 30, Mother Teresa Sarani Kolkata West Bengal(700016)					
28	37 77 6	Cyber-physical-System for On-Spot Soil Sensing Using ISFET Technology	Dr.Sanjeev Kumar Manhas	IIT ROORKEE	IIT-ROORKEE ROORKEE UTTRAKHAND Roorkee Uttarakhand(247667)	1. Dr. Sanjeev Kumar Manhas IIT ROORKEE ECE Dept IIT-ROORKEE ROORKEE UTTRAKHAND Roorkee Uttarakhand(247667)	1. Dr. Bishnu Prasad Das IIT ROORKEE ECE dept., IIT Roorkee Roorkee Uttarakhand(247667) 2. Prof. K R Justin Thomas IIT ROORKEE Dept. of Chemistry, IIT Roorkee Roorkee Uttarakhand(247667)	samanfec@iitr.ac.in	97605 11774	3 Year s and 0 Mon ths	18920 000
29	37 19 4	Green synthesis of nanoparticles using nonhost plants	Dr.Binod Bihari Sahu	NATIONAL INSTITUTE OF TECHNOLOGY , ROORKELA	NIT ROORKELA, ROORKELA-769008, DIST-SUNDARGAR H ROORKELA	1. Dr. Binod Bihari Sahu NATIONAL INSTITUTE OF TECHNOLOGY, ROORKELA	1. Dr. Saroj L Samal NATIONAL INSTITUTE OF TECHNOLOGY ROORKELA	sahub@nitrkl.ac.in	97774 58089	3 Year s and 0 Mon ths	49908 00

		extracts with broad spectrum disease resistance against rice blast and sheath blight of rice			Orissa(769008)	NIT ROURKELA, ROURKELA-769008, DIST- SUNDARGARH ROURKELA Orissa(769008)	Department of Chemistry NIT Rourkela, Rourkela, Odisha Rourkela Orissa(769008)				
30	37 88 8	Novel effects of nano-particulate delivery of zinc through zinc oxide nano particles on biofortification of major cereal grains	Dr.Yashbir Singh Shivay	INDIAN AGRICULTURAL RESEARCH INSTITUTE	Indian Agricultural research Institute, Hill Side Road, Pusa, New Delhi, Delhi 110012 New Delhi Delhi(110012)	1. Dr. Yashbir Singh Shivay INDIAN AGRICULTURAL RESEARCH INSTITUTE Indian Agricultural research Institute, Hill Side Road, Pusa, New Delhi, Delhi 110012 New Delhi Delhi(110012)	1. Dr. Anu Kalia PUNJAB AGRICULTURAL UNIVERSITY Department of Soil Science, PAU, Ludhiana-141004 Ludhiana Punjab(141004) 2. Dr. Hari Ram PUNJAB AGRICULTURAL UNIVERSITY, LUDHIANA Department of Plant Breeding and Genetics, PAU, Ludhiana-141004 Ludhiana	ysshivay@hotmail.com	9650230379	3 Year s and 0 Mon ths	1810000

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**4. Dr. Naleeni
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							3) 5. Dr. Nintu Mandal BIHAR AGRICULTURAL UNIVERSITY Department of Soil Science and Agriculture Chemistry, BAU Sabour Sabour Bihar(813210) 6. Dr. VIJAY POONIYA INDIAN AGRICULTURAL RESEARCH INSTITUTE Division of Agronomy IARI New Delhi New Delhi Delhi(110012)				
31	37 87 9	Electrohydrodynamic Encapsulation of Probiotics in Nanofibres for Food Applications	Dr.P HEARTWIN AMALADHAS	SRS ICAR NDRI BANGALORE	Aduggodi, Bengaluru, Karnataka Bengaluru Karnataka(560030)	1. Dr. P HEARTWIN AMALADHAS SRS ICAR NDRI BANGALORE Aduggodi, Bengaluru, Karnataka	1. Dr. DEVARAJA HC NATIONAL DAIRY RESEARCH INSTITUTE Dairy Technology Section Southern	heartwin1@gmail.com	9448927370	3 Years and 0 Months	18145400

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**2. Dr. F
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TAMIL NADU
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Director of
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Professor
Department of
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							<p>Agricultural University Coimbatore</p> <p>Coimbatore Tamilnadu(641 003)</p> <p>4. Dr. RAJENDRAN D NATIONAL INSTITUTE OF ANIMAL NUTRITION AND PHYSIOLOGY Principal Scientist Animal Nutrition Division National Institute of Animal Nutrition and Physiology Aduodi Bengaluru Bengaluru Karnataka(560 030)</p>				
32	37 82 6	Low cost nano assisted early field-site	Dr.P S Vijaya Kumar	INSTITUTE OF NANO SCIENCE AND TECHNOLOGY	Habitat Centre, Phase 10, Sector 64, Mohali, Punjab	1. Dr. P S Vijaya Kumar INSTITUTE OF NANO SCIENCE AND	1. Dr. Hirendra N Ghosh INSTITUTE OF NANO	vijayakumarshanmugham@gmail.com	76965 56163	3 Year s and 0 Mon	49643 379

		detection and control of bacterial wilt diseases in tomato.		Punjab(160062)	TECHNOLOGY Habitat Centre, Phase 10, Sector 64, Mohali, Punjab Mohali Punjab(160062)	SCIENCE AND TECHNOLOGY habitat centre, phase 10, sector 64 Mohali Punjab(160062) 2. Dr. Jayamurugan Govindasamy INSTITUTE OF NANO SCIENCE AND TECHNOLOGY habitat centre, phase 10, sector 64 mohali Punjab(160062) 3. Dr. K S Subramanian TAMIL NADU AGRICULTURAL UNIVERSITY Tamilnadu Agricultural University Coimbatore Coimbatore Tamilnadu(680003) 4. Dr. Nitin Kumar Singhal		ths	
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GY INSTITUTE
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Mohali
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habitat centre,
phase 10,
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Punjab(16006
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**7. Dr. Sonalika
Vaidya**

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							INSTITUTE OF NANO SCIENCE AND TECHNOLOGY habitat centre, phase 10, sector 64 mohali Punjab(16006 2)				
33	37 83 5	Standardization of Nano-organic formulations for enhancement of shelf-life and disease suppression in Vegetables	Prof.Sankarprasad Bhuniya	AMRITA VISHWA VIDYAPEETHAM	Amrita School of Engineering Ettimadai Campus Coimbatore Coimbatore Tamilnadu(641112)	1. Prof. Sankarprasad Bhuniya AMRITA VISHWA VIDYAPEETHAM Amrita School of Engineering Ettimadai Campus Coimbatore Coimbatore Tamilnadu(641112)	1. Dr. Parthasarathy Seethapathy AMRITA SCHOOL OF AGRICULTURAL SCIENCES JP Nagar, Arasampalaya m, Coimbatore - 642109 Coimbatore Tamilnadu(642109) 2. Prof. Sudheesh Manalil AMRITA SCHOOL OF AGRICULTURAL SCIENCES JP Nagar, Arasampalaya m, Coimbatore - 642109	spbhuniya@gmail.com	95972 70538	3 Year s and 0 Mon ths	57820 00

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34	37 60 1	Developmen t of circular economy based biorefinery process for production of various nano- enabled agriinput products from rice straw biomass	Dr.Alok Adholeya	THE ENERGY AND RESOURCES INSTITUTE	Darbari Seth Block, Indian Habitat Centre Complex Lodhi Road, New Delhi delhi Delhi(110003)	1. Dr. Alok Adholeya THE ENERGY AND RESOURCES INSTITUTE Darbari Seth Block, Indian Habitat Centre Complex Lodhi Road, New Delhi delhi Delhi(110003)	1. Dr. Archana Mishra THE ENERGY AND RESOURCES INSTITUTE The Energy and Resources Institute (TERI) Darbari Seth Block, India Habitat Centre, Lodhi Road, New Delhi “ 110003, India Gwal Pahari Haryana(1100	aloka@teri.res.in	98116 28889	5 Year s and 0 Mon ths	89419 752

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kaur**

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Facility
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Molecular
Biology and
Biotechnology,

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							Rajasthan College of Agriculture, MPUAT, Udaipur 313001 Udaipur Rajasthan(313001)				
35	37 56 4	Development of shrimp landfill derived chitosan copolymerized nano films as an alternative for single use plastics	Dr.Rajaram Rajendran	BHARATHIDASAN UNIVERSITY	Palkalaiperur Tiruchirappalli Tamilnadu(620024)	1. Dr. Rajaram Rajendran BHARATHIDASAN UNIVERSITY Department of Marine Science, Palkalaiperur campus, Bharathidasan University Department of Marine Science, Palkalaiperur campus, Bharathidasan University TAMIL NADU Tamilnadu(620024)	1. Dr. Vijayalakshmi K BISHOP HEBER COLLEGE 46, Gods park, II street Kumaran Nagar Bankers colony extension Tiruchirappalli 620017 Tiruchirappalli Tamilnadu(620017)	drrajaram69@rediffmail.com	9842874661	3 Years and 0 Months	6800000
36	37 47 3	Development of Green Nanotechnologies for Efficient	Dr.SANDEEP KUMAR	GURU JAMBHESHWAR UNIVERSITY OF SCIENCE	Guru jambheshwar university of science and technology,	1. Dr. Ganga Ram Chaudhary PANJAB UNIVERSITY CHANDIGARH	1. Dr. Gurpreet Kaur PANJAB UNIVERSITY, CHANDIGARH	ksandeep36@yahoo.com	9418133072	3 Years and 0 Mon	12852000

		Pesticide Management		AND TECHNOLOGY	Delhi road, hisar, haryana. hisar Haryana(125001)	Department of Chemistry, Panjab University, Chandigarh Chandigarh Chandigarh(160014) 1. Dr. SANDEEP KUMAR GURU JAMBHESHWAR UNIVERSITY OF SCIENCE AND TECHNOLOGY Guru jambheshwar university of science and technology, Delhi road, hisar, haryana. hisar Haryana(125001)	Department of Chemistry, Panjab University, Chandigarh Chandigarh Chandigarh(160014) 2. Prof. Neeraj Dilbaghi GURU JAMBHESHWAR UNIVERSITY OF SCIENCE AND TECHNOLOGY, HISAR Department of Bio and Nano Technology, Guru Jambheshwar University of Science & Technology, Hisar Hisar Haryana(125001)			ths	
37	37852	Development and evaluation of Nano based nutrient formulations	Dr.S Rajendra prasad	GKVK, UNIVERSITY OF AGRICULTURAL SCIENCES	GKVK, UAS, BANGALORE Karnataka(560065)	1. Dr. S Rajendra prasad GKVK, UNIVERSITY OF AGRICULTURAL SCIENCES	1. Dr. Eswaramoorthy M JAWAHARLAL NEHRU CENTRE FOR ADVANCED	srprasad1989@yahoo.co.in	9452883308	3 Years and 0 Months	18915600

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BANGALORE
BANGALORE URBAN
Karnataka(560065)

SCIENTIFIC
RESEARCH
(JNCASR)
Jawaharlal
Nehru Centre
for Advanced
Scientific
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							Bangalore Karnataka(560 065) 3. Dr. Shankar A G UNIVERSITY OF AGRICULTURA L SCIENCES, BANGALORE Dr. A.G.Shankar, Professor Department of Crop Physiology University of Agricultural Sciences, GKVK, Bengaluru Bangalore Karnataka(560 065)				
38	37 78 8	Inducing disease resistance and enhancing growth promoting attributes in cumin by mycogenic nanoparticle s	Dr.HIMANSHU BARIYA	HEMCHANDR ACHARYA NORTH UNIVERSITY, PATAN	Hemchandracharya North University, Patan, Gujarat 384265 PATAN Gujarat(3842 65)	1. Dr. HIMANSHU BARIYA HEMCHANDRACHAR YA NORTH UNIVERSITY, PATAN Hemchandracharya North University, Patan, Gujarat 384265	1. Dr. Ashish D Patel HEMCHANDRA CHARYA NORTH UNIVERSITY, PATAN Department of Biotechnology, Hemchandracharya North Gujarat	hsbariya@ngu.ac.in	98982 62247	3 Year s and 0 Mon ths	47212 00

						PATAN Gujarat(384265)	University, Patan-384265, Gujarat Patan Gujarat(384265)				
39	35 17 8	Biomembrane coated nanoparticles for biopesticides and biofortification in grain legumes and dry land cereals	Dr.Gopalakrishnan s	INTERNATIONAL CROPS RESEARCH INSTITUTE FOR THE SEMI ARID TROPICS	ICRISAT, Patancheru, Telangana,INDIA Patancheru Telangana(502324)	1. Dr. Gopalakrishnan s INTERNATIONAL CROPS RESEARCH INSTITUTE FOR THE SEMI ARID TROPICS 301, Microbiology ICRISAT Patancheru HYDERABAD Telangana(502324)	1. Dr. Aravind K Rengan IIT HYDERABAD Indian Insitute of Chemical Technology, Kandi, Sangareddy, Telangana hyderabad Telangana(502285) 2. Dr. Govindraj INTERNATIONAL CROP RESEARCH INSTITUTE FOR SEMI ARID TROPICS (ICRISAT) 305, Crop Improvement, RP Asia, ICRISAT, Patancheru	s.gopalakrishnan@cgiar.org	9177406003	3 Year s and 0 Mon ths	7950598

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, ICRISAT,
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HYDERABAD,
TELANGANA,
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ARID TROPICS
(ICRISAT)

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Bank, ICRISAT,
Patancheru, TS
Hyderabad
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							324) 5. Dr. Rajan Sharma INTERNATIONAL CROP RESEARCH INSTITUTE FOR SEMI ARID TROPICS (ICRISAT) 301, Department of Cereal Plant pathology, ICRISAT, Pantancheru, TS Hyderabad Telangana(502324)				
40	37 54 9	Synthesis and functional characterization of Bio-Nano-Fungicides using Talaromyces flavus against important fungal phytopathogens of different	Dr.Hemant Kumar Daima	AMITY UNIVERSITY RAJASTHAN JAIPUR	Amity House, 14 Gopal Bari, Ajmer Road, Jaipur Jaipur Rajasthan(302001)	1. Dr. Hemant Kumar Daima AMITY UNIVERSITY RAJASTHAN JAIPUR Dr. Hemant Kumar Daima, PhD Assistant Professor Nanoscience Nanobiotechnology In-charge, Amity Univ. Science Instrumentation	1. Dr. Ashish Kumar NATIONAL RESEARCH CENTRE ON PLANT BIOTECHNOLOGY ICAR-National Institute for Plant Biotechnology, Lab No.- 112, LBS Building, Pusa Campus, New Delhi-110	hkdaima@gmail.com	88847 74863	3 Year s and 0 Mon ths	54911 12

		crops				Center-II AUSIC-II Amity Institute of Biotechnology, Amity	012				
						Jaipur Rajasthan(303002)	Delhi Delhi(110012)				
41	37 74 9	Develop Portable Electrochem ical Sensor Devices based on Nanocompo site Materials to monitor the Water and Soil Contaminan ts anions and metal ions Primary Concentrate on Fluoride.	Dr.Karan Pratap Singh	SHRI JAGDISH PRASAD JHABARMAL TIBREWALA UNIVERSITY, JHUNJHUNU, RAJASTHAN, INDIA.	Shri Jagdish Prasad Jhabarmal Tibrewala University, vidyangari Jhunjhunu, churu road,Rajastha n. Jhunjhunu Rajasthan(333 001)	1. Dr. Karan Pratap Singh SHRI JAGDISH PRASAD JHABARMAL TIBREWALA UNIVERSITY, JHUNJHUNU, RAJASTHAN, INDIA. Shri Jagdish Prasad Jhabarmal Tibrewala University, vidyangari Jhunjhunu, churu road,Rajasthan. Jhunjhunu Rajasthan(333001)	1. Dr. Medalson Ronghang BINESHWER BRAHMA ENGINEERING COLLEGE KOKRAJHAR, BTAD, ASSAM 783370 Civil Engineering Department Bineswar Brahma Engineering College Bujuleebari, Kokrajhar BTAD, Assam- 783370 E-mail: medalson@bb ec.ac.in Ph: +91- 9085805488 kokrajhaar Assam(783370	drkaranmitws@gmail. com	86305 83793	5 Year s and 0 Mon ths	25180 000

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2. Dr. NEEL KAMAL MISHRA					
THE TECHNOLOGIC AL INSTITUTE OF TEXTILE AND SCIENCES House No-8 Lake View, Birla Colony Tosham Road Bhiwani- Haryana BHIWANI Haryana(1270 21)					
3. Mrs. SUMAN RANI					
SHRI JAGDISH PRASAD JHABARMAL TIBREWALA UNIVERSITY, JHUNJHUNU, RAJASTHAN, INDIA. Shri Jagdish Prasad Jhawarmal Tibrewala University Vidyanagari, Jhunjhunu- Churu					

							Highway Chudela				
							Jhunjhunu Rajasthan(333 001)				
42	37 36 7	Translation of nanobased quinapyrami ne sulphate formulation into product and its evaluation against Trypanosom a evansi in animals	Dr.Anju Manuja	ICAR NATIONAL RESEARCH CENTRE ON EQUINES	ICAR National Research Centre on Equines, Sirsa road, Hisar Hisar Haryana(1250 01)	1. Dr. Anju Manuja ICAR NATIONAL RESEARCH CENTRE ON EQUINES	1. Dr. Balvinder Kumar ICAR NATIONAL RESEARCH CENTRE ON EQUINES Principal Scientist, ICAR- National Research Centre on Equines, Hisar- 125001, Haryana H.No.1820, Sector-14, Hisar- 125001, Haryana Sirsa ,road Hisar Haryana(1250 01)	amanuja@rediffmail.c om	94661 27780	3 Year s and 0 Mon ths	41296 320
					ICAR National Research Centre on Equines, Sirsa road, Hisar Hisar Haryana(125001)	1. Dr. Azhahianambi Palavesam TAMIL NADU VETERINARY AND ANIMAL SCIENCES	2. Dr. K Chitra TAMIL NADU VETERINARY AND ANIMAL				

						UNIVERSITY	SCIENCES UNIVERSITY Translational research Platform for Veterinary Biologicals, Centre for Animal Health Studies Tamil Nadu Veterinary and Animal Sciences University Madhavaram Milk Colony, Chennai Chennai Tamilnadu(600 051) 3. Dr. K Viswanathan TAMIL NADU VETERINARY AND ANIMAL SCIENCES UNIVERSITY Translational research Platform for Veterinary Biologicals, Centre for Animal Health Studies Tamil				
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Nadu Veterinary and Animal Sciences University Madhavaram Milk Colony, Chennai Chennai Tamilnadu(600 051) 4. Dr. M Raman TAMIL NADU VETERINARY AND ANIMAL SCIENCES UNIVERSITY Translational research Platform for Veterinary Biologicals, Centre for Animal Health Studies Tamil Nadu Veterinary and Animal Sciences University Madhavaram Milk Colony, Chennai Chennai Tamilnadu(600				
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							051) 5. Dr. Rajender Kumar ICAR NATIONAL RESEARCH CENTRE ON EQUINES ICAR-National Research Centre on Equines Sirsa Road, Hisar 125 001, Haryana Hisar Haryana(1250 01)				
43	37 20 4	Synthesis and risk assessment of iron oxide linked solid lipid nanoparticles embedded with essential oils to manage Fusarium wilt in Chickpea	Dr.ABHISHEK SHARMA	AMITY UNIVERSITY NOIDA	sec-125, noida Noida Uttar Pradesh(2013 06)	1. Dr. ABHISHEK SHARMA AMITY UNIVERSITY NOIDA sec-125, noida Noida Uttar Pradesh(201306)	1. Dr. Arpita Bhattacharya AMITY UNIVERSITY Amity Institute of Nanotechnology, Sector-125, Amity University Noida Uttar Pradesh(20131 3) 2. Dr. Ashverya	asharma5@amity.edu	99119 51615	3 Year s and 0 Mon ths	15110 400

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**3. Dr. Manu
Dalela**
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SCIENCES
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Nagar, Ansari
Nagar East,
New Delhi,
Delhi 110029
Delhi
Delhi(110029)
**4. Dr. Nutan
Kaushik**
AMITY
UNIVERSITY
NOIDA
Amity Food
and
Agriculture

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							Foundation , J-1 Block, Sector 125, Amity Campus, Noida Noida Uttar Pradesh(201313)				
							5. Dr. Sujata Mohanty ALL INDIA INSTITUTE OF MEDICAL SCIENCES Sri Aurobindo Marg, Ansari Nagar, Ansari Nagar East, New Delhi, Delhi 110029 New Delhi Delhi(110029)				
44	37 56 6	Bio-Nano-Selenium loaded probiotics pro-BioNSe for limiting emergence of antimicrobial resistance and as a micronutrient	Dr.Bappaditya Dey	NATIONAL INSTITUTE OF ANIMAL BIOTECHNOLOGY	D. No. 1-121/1, 4th and 5th Floors, Axis Clinicals Building, Opp. to Cine Town, Miyapur, Hyderabad, Telangana, India Hyderabad	1. Dr. Amit Kumar Goyal CENTRAL UNIVERSITY OF RAJASTHAN Central University of Rajasthan, NH-8, Bandar Sindri	1. Dr. S V Rama rao ICAR DIRECTORATE OF POULTRY RESEARCH ICAR - Directorate of Poultry Research ICAR-DPR, Pillar No. 216,	bdey@niab.org.in	70420 77704	3 Year s and 0 Mon ths	65164 00

	nt supplement in poultry.		Telangana(500049)	<p>Ajmer</p> <p>Rajasthan(305817)</p> <p>1. Dr. Bappaditya Dey NATIONAL INSTITUTE OF ANIMAL BIOTECHNOLOGY Survey No. 37, Extended Q City Road, Opp. Journalist Colony, Near Gowlidoddi, Gachibowli Hyderabad Telangana(500032)</p> <p>2. Dr. Bappaditya Dey NATIONAL INSTITUTE OF ANIMAL BIOTECHNOLOGY Survey No. 37, Extended Q City Road, Opp. Journalist Colony, Near Gowlidoddi, Gachibowli</p>	<p>Dairy Farm Chowrastha, Rajendra Nagar Rd, Rajendranagar mandal Hyderabad Telangana(500030)</p>			
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						Hyderabad Telangana(500032) 3. Dr. Ruchi Jain Dey BITS PILANI HYDERABAD CAMPUS BITS Pilani Hyderabad Campus Jawaharnagar, Kapra Mandal Hyderabad Telangana(500078) 4. Dr. Shyam Sundar Paul ICAR DIRECTORATE OF POULTRY RESEARCH ICAR - Directorate of Poultry Research ICAR-DPR, Pillar No. 216, Dairy Farm Chowrasta, Rajendra Nagar Rd, Rajendranagar mandal Hyderabad Telangana(500030)					
45	37 79 4	Green Synthesis of Medicinal Plants based Nanoparticles and their bioefficacy against plant	Dr.Nita Lakra	CHAUDHARY CHARAN SINGH HARYANA AGRICULTURE UNIVERSITY HISAR	Haryana Agricultural University, Hisar, Haryana 125004 Hisar Haryana(1250 04)	1. Dr. Nita Lakra CHAUDHARY CHARAN SINGH HARYANA AGRICULTURE UNIVERSITY HISAR	1. Prof. Pushpa Kharb CHOUDHARY CHARAN SINGH HARYANA AGRICULTURE UNIVERSITY	nitabot@hau.ac.in	81302 83959	3 Year s and 0 Mon ths	37864 90

pathogens

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Haryana 125004
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Haryana(125004)

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Biology,
Biotechnology
and
Bioinformatics
, COBSH, CCS
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Haryana(1250
04)
**2. Dr. Upendra
Kumar
CHAUDHARY
CHARAN
SINGH
HARYANA
AGRICULTURE
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HISAR**
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Biology,
Biotechnology
and
Bioinformatics
, COBSH, CCS
HAU Hisar
Hisar
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04)
**3. Dr. Vinod
Saharan**
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						Rajasthan College of Agriculture, Maharana Pratap University of Agriculture and Technology (MPUAT), Udaipur, Rajasthan 313001 Sri GangaNagar Rajasthan(335 001)					
46	37 75 8	Developmen t of a portable device for monitoring soil nitrogen and moisture levels and formulation of a smart nanocompos ite based slow-release fertilizer	Dr.VIMALA R	VIT UNIVERSITY	Tiruvallam Road Katpadi Vellore Katpadi Tamilnadu(63 2014)	1. Dr. Pratap Kollu UNIVERSITY OF HYDERABAD School of Physics, University of Hyderabad, Hyderabad 500046, Telangana Hyderabad Telangana(500046) 1. Dr. VIMALA R	1. Dr. A NIRMALA GRACE VELLORE INSTITUTE OF TECHNOLOGY Centre for Nanotechnolo gy Research, VIt, Vellore,Tamil nadu Vellore Tamilnadu(632 014) 2. Dr. Arunkumar Chandrasekha r	vimala.r@vit.ac.in	99652 04248	3 Year s and 0 Mon ths	62299 00

						<p>VIT UNIVERSITY</p> <p>Tiruvallam Road Katpadi Vellore Katpadi Tamilnadu(632014)</p> <p>2. Dr. S Marimuthu TAMIL NADU AGRICULTURAL UNIVERSITY Dept. of Nanoscience and Technology, TNAU, Coimbatore Coimbatore Tamilnadu(641003)</p> <p>3. Dr. VIMALA R</p> <p>VIT UNIVERSITY</p> <p>Tiruvallam Road Katpadi Vellore Katpadi Tamilnadu(632014)</p>	<p>VELLORE INSTITUTE OF TECHNOLOGY School of Electronics Engineering, VIT, Vellore, TN Vellore Tamilnadu(632 014)</p> <p>3. Dr. C Chiranjeevi VELLORE INSTITUTE OF TECHNOLOGY School of Mechanical Engineering, VIT, Vellore Vellore Tamilnadu(632 014)</p> <p>4. Mr. George Jacob VELLORE INSTITUTE OF TECHNOLOGY Centre for Nanotechnolo gy Research, VIT, Vellore TN Vellore Tamilnadu(632 014)</p>				
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**5. Dr. Jagan
Mohan
Obbineni**
VELLORE
INSTITUTE OF
TECHNOLOGY
Agricultural
Innovations
and Advanced
Learning, VIT,
Vellore
Vellore
Tamilnadu(632
014)

6. Dr. K RAJA
TAMIL NADU
AGRICULTURA
L UNIVERSITY
Dept of
Nanoscience &
Technology,
TNAU,
Coimbatore
Coimbatore
Tamilnadu(641
003)

**7. Dr.
Vasudevan
Rajamohan**
VELLORE
INSTITUTE OF
TECHNOLOGY
School of
Mechanical
Engineering,

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						VIT, Vellore Vellore Tamilnadu(632 014)					
47	37 63 9	Preparation and molecular evaluation of nano carotenoid fortified pellet feed for colour enhancement and immunostimulation in ornamental goldfish Carassius auratus	Dr.Inbakandan	SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY	Sathyabama Institute of Science and Technology (Deemed to be University) Jeppiaar Nagar, Rajiv Gandhi Salai, Chennai - 600 119. Tamilnadu, INDIA. Chennai Tamilnadu(60 0119)	<p>1. Dr. A Kathirvelpandian</p> <p>TAMIL NADU DR. J. JAYALALITHAA FISHERIES UNIVERSITY</p> <p>236B, Malligaistreet, Poompozhi Nagar, Avadi, Chennai Aavadi</p> <p>Tamilnadu(600062)</p> <p>1. Dr. Inbakandan</p> <p>SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY</p> <p>Dr. D. INBAKANDAN, M Sc, ADAB, PGDMBT, Ph D. Scientist / Associate Professor</p> <p>Centre for Ocean Research DST-FIST</p>	<p>1. Dr. E Suresh</p> <p>TAMIL NADU DR. J. JAYALALITHAA FISHERIES UNIVERSITY</p> <p>B1 101, SrikaramShub hadhi Thaiyur road, Kelambakkam Kanchipuram District 603 103 Kelampakkam Tamilnadu(603 103)</p> <p>2. Dr. Jemmy Christy</p> <p>SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY</p> <p>Department of Bioinformatics ,School of Bio and Chemical Engineering</p>	inbakandan@sathyabama.ac.in	99655 40310	3 Year s and 0 Mon ths	13017 833

						<p>Sponsored Centre Col. Dr. Jeppiaar Research Park Sathyabama Institute of Science a</p> <p>Chennai Tamilnadu(600119)</p> <p>Chennai Tamilnadu(600119) 3. Dr. K Govindaraju SATHYABAMA INSTITITE OF SCIENCE AND TECHNOLOGY Sathyabama Institute of Science and Technology, Chennai Chennai Tamilnadu(600119)</p>					
48	37 63 7	“Nanotechnology in Agriculture Utilization of novel bionanoparticles to combat the problem of animal diseases” .	Dr.Ravindra	SHRI SHIV CHHATRAPATI COLLEGE OF ARTS, COMMERCE AND SCIENCE	Bodkenagar, Junnar - 410 502, Dist. Pune, M. S. Junnar Maharashtra(410502)	1. Dr. Ravindra D Chaudhari SHRI SHIV CHHATRAPATI COLLEGE OF ARTS, COMMERCE AND SCIENCE Bodkenagar, Junnar - 410 502, Dist. Pune, M. S. Junnar Maharashtra(410502)	NA	rdchaudhari2004@yahoo.co.in	99702 14585	3 Year s and 0 Mon ths	81940 00

49	37 65 6	NANO-ENCAPSULATION OF FERTILIZERS USING NANO-CELLULOSE PREPARED FROM AGRO RESIDUES AND STUDY OF ITS CONTROLLED RELEASE PROPERTIES	Mr.VENKATESH	CSIR NATIONAL INSTITUTE FOR INTERDISCIPLINARY SCIENCE AND TECHNOLOGY (NIIST)	Industrial Estate P.O, Pappanamcode, Thiruvananthapuram-695019 Thiruvananthapuram Kerala(695019)) 1. Dr. GLADIS COLLEGE OF AGRICULTURE, VELLAYANI COLLGE OF AGRICULTURE VELLAYANI THIRUVANANTHAPURAM Kerala(695522) 1. Mr. VENKATESH CSIR NATIONAL INSTITUTE FOR INTERDISCIPLINARY SCIENCE AND TECHNOLOGY(NIIST) Industrial Estate P.O, Pappanamcode, Thiruvananthapuram - 695019 Thiruvananthapuram	1. Mr. KIRAN KUMAR M NATIONAL INSTITUTE FOR INTERDISCIPLINARY SCIENCE AND TECHNOLOGY microbial process and technology division, csir niist, industrial estate paapanamcode THIRUVANANTHAPURAM Kerala(695019) 2. Dr. MINI OTHER REGISTERED ORGANISATION Onattukara Regional Agricultural Research Station, Kayamkulam, Alapuzha-690502 PALLICHAL	venkateshsowdhill@gmail.com	78968 78293	3 Year s and 0 Mon ths	99080 00
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						Kerala(695019)	Kerala(695052)				
50	34 07 5	Pilot-scale production of pure and carrier-based nano-agrochemicals to enhance nutrient use efficiency and disease resistance in three Indian crops	Prof.APPA RAO PODILE	UNIVERSITY OF HYDERABAD	University of Hyderabad Prof. C.R Rao Road P.O. Central University Hyderabad, Telangana State, India Hyderabad Telangana(500046)	1. Prof. APPA RAO PODILE UNIVERSITY OF HYDERABAD Room No S23, Department of Plant Sciences School of Life Sciences University of Hyderabad Prof. C.R Rao Road P.O. Central University Hyderabad, Telangana State, India Hyderabad Telangana(500046)	1. Dr. Ashish Ranjan UNIVERSITY OF HYDERABAD School of Life Sciences, Dept. of Plant Sciences, University of Hyderabad, Prof. C. R. Rao Rao, Central University PO, Gachibowli, Hyderabad-500046 hyderabad Telangana(500046) 2. Dr. Jogi Madhuprakash UNIVERSITY OF HYDERABAD Room No. F-29, Department of Plant Sciences,School of Life Sciences, University of	podilerao@uohyd.ac.in	9490749922	3 Years and 0 Months	84460000

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Hyderabad, Prof. C. R. Rao Road, Central University PO, Gachibowli, Hyderabad, Telangana. hyderabad Telangana(500 046) 3. Dr. K R K REDDY SRI BIOAESTHETIC S PRIVATE LIMITED H.No. 5-35- 319, Sai Baba Colony, Kukatpally, Hyderabad- 500072, Telangana, India HYDERABAD Telangana(500 072) 4. Dr. Rahul Kumar UNIVERSITY OF HYDERABAD				
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S48, School of
Life Sciences,
University of
Hyderbaad,
Prof. C. R. Rao
Rao, Central
University PO,
Gachibowli,
Hyderabad
hyderabad
Telangana(500
046)

**5. Mr.
Sreedhara
Sudhakara
sarma**

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AL ADVANCED
RESEARCH
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AND NEW
MATERIALS
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Post,
Hyderabad -
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hyderabad
Telangana(500
005)

**6. Dr. Tata
Narasinga Rao**

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						INTERNATION AL ADVANCED RESEARCH CENTER FOR POWDER METALLURGY AND NEW MATERIALS ARCI, Balapur Post, Hyderabad- 500005 hyderabad Telangana(500 005) 7. Dr. Vadali Venkata Satya Siva Srikanth UNIVERSITY OF HYDERABAD School of Engineering Sciences and Technology, University of Hyderbaad, Prof. C. R. Rao Rao, Central University PO, Gachibowli, Hyderabad HYDERABAD Telangana(500 046)					
51	37	Biogenic	Dr.G	THIRUVALLU	DEPARTMENT	1. Dr. G Singaravelu	1. Dr. K	gsvelu@gmail.com	99523	3	76762

	84 7	preparation of silica nanomaterials and their agricultural applications	Singaravelu	VAR UNIVERSITY	OF BIOTECHNOLOGY THIRUVALLUVAR UNIVERSITY SERKKADU VELLORE 632115 Tamilnadu(632115)	THIRUVALLUVAR UNIVERSITY DEPARTMENT OF Zoology THIRUVALLUVAR UNIVERSITY SERKKADU VELLORE 632115 Tamilnadu(632115)	Govindaraju SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY Sathyabama Institute of Science and Technology, Chennai-600119. Chennai Tamilnadu(600119) 2. Dr. M Kannan TAMIL NADU AGRICULTURAL UNIVERSITY Tamil Nadu Agricultural University, Coimbatore Coimbatore Tamilnadu(641003)	95363	Years and Months	40	
52	37 74 8	Characterization of Nanonized Zinc and its Role in Mitigating the Effect of Terminal Heat Stress	Prof.Anil Sirohi	SARDAR VALLABHBHAI PATEL UNIVERSITY OF AGRICULTURE AND TECHNOLOGY	modipuram meerut MEERUT Uttar Pradesh(250110)	1. Prof. Anil Sirohi SARDAR VALLABHBHAI PATEL UNIVERSITY OF AGRICULTURE AND TECHNOLOGY	1. Dr. Neelesh Kapoor SARDAR VALLABHBHAI PATEL UNIVERSITY OF AGRICULTURE AND	anilsirohi@rediffmail.com	70176 23911	3 Years and Months	18351 920

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3. Prof. Shelly Praveen

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Research
Institute New
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4. Dr. Suneha Goswami

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5. Dr. Sweta Mishra

SARDAR
VALLABHBHAI
PATEL
UNIVERSITY
OF
AGRICULTURE
AND
TECHNOLOGY

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						Department of Fingerprinting, College of Biotechnology, SVPUAT, Meerut Meerut Uttar Pradesh(250110) 6. Prof. Viswanathan Chinnusamy IARI Division of Plant Physiology Indian Agricultural Research Institute New Delhi delhi Delhi(110012)					
53	37798	Development of biosurfactant nano-formulations and its utilization in herbicide mobilization	Dr.SEEMA	CCS HARYANA AGRICULTURE UNIVERSITY	CCS Haryana Agriculture University, Hisar, Haryana Hisar Haryana(125004)	1. Dr. Sandeep Kumar NATIONAL BUREAU OF PLANT AND GENETIC RESOURCES EA 23 second floor	1. Dr. Minakshi Prasad LALA LAJPAT RAI UNIVERSITY OF VETERINARY AND ANIMAL SCIENCES ABT, LUVAS,	seema_sangwan80@yahoo.co.in	9194682102	3 Years and 0 Months	9506000

					<p>Inderpuri, new delhi Delhi</p> <p>Delhi(110012)</p> <p>1. Dr. SEEMA SANGWAN CCS HARYANA AGRICULTURE UNIVERSITY</p> <p>CCS Haryana Agriculture University, Hisar, Haryana Hisar</p> <p>Haryana(125004)</p> <p>2. Dr. SEEMA SANGWAN CCS HARYANA AGRICULTURE UNIVERSITY CCS Haryana Agriculture University, Hisar, Haryana Hisar</p> <p>Haryana(125004)</p> <p>3. Dr. Sushila Singh CCSHAU,HISAR 127 Prem Nagar Hisar Hisar Haryana(125001)</p>	<p>Hisar Hisar Haryana(125004)</p> <p>2. Dr. Pushpa Kharb CCS HARYANA AGRICULTURE UNIVERSITY Department of MBBB, COBSampH, CCS HAU, Hisar Hisar Haryana(125004)</p>			
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54	37 66 1	Nanoherbicide A controlled release formulation to improve rice production	Dr.TOTAN ADAK	NATIONAL RICE RESEARCH INSTITUTE	Director ICAR-National Rice Research Institute Cuttack (Odisha) 753006, India Cuttack Orissa(753006)	<p>1. Dr. TOTAN ADAK NATIONAL RICE RESEARCH INSTITUTE</p> <p>Director ICAR-National Rice Research Institute Cuttack (Odisha) 753006, India Cuttack Orissa(753006)</p>	<p>1. Dr. Fahima Dilnawaz INSTITUTE OF LIFE SCIENCES Institute of Life Sciences, Nalco Square, Bhubaneswar-751023, India Phone Number 0091 674 2300137/2301476 ext. 238 Bhubaneswar Orissa(751023)</p> <p>2. Dr. Sanjeeb Kumar Sahoo INSTITUTE OF LIFE SCIENCES Institute of Life Sciences, Nalco Square, Bhubaneswar-751023, India Phone Number 0091 674 2300137/2301476 ext. 221 Bhubaneswar Orissa(751023)</p>	totanadak@gmail.com	72056 22574	3 Year s and 0 Mon ths	11610 240
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							3. Dr. Sushmita Munda NATIONAL RICE RESEARCH INSTITUTE Crop Production Division, ICAR-National Rice Research Institute, Cuttack (Odisha) 753006, India Cuttack Orissa(753006)				
55	37 37 6	Development of a novel nanofungicide through nanofabrication for the control of fungal diseases in vegetables and crops and its safety evaluation on Drosophila melanogaste	Dr.Pankaj Kumar Tyagi	NOIDA INSTITUTE OF ENGINEERING & TECHNOLOGY	19, Knowledge Park-II, Institutional Area, Greater Noida (UP) - 201306 NOIDA Uttar Pradesh(201306)	1. Dr. Pankaj Kumar Tyagi NOIDA INSTITUTE OF ENGINEERING & TECHNOLOGY, 19, Knowledge Park-II, Institutional Area, Greater Noida (UP) - 201306 MUZAFFAR NAGAR Uttar Pradesh(251307)	1. Dr. Ravikant Singh AMITY UNIVERSITY CHHATTISGARH Amity center for Biotechnology amity university raipur Chhattisgarh Raipur Chhattisgarh(493225)	pktgenetics@gmail.com	90450 96732	3 Year s and 0 Mon ths	47280 00

56	37 34 3	Vancomycin loaded Poly- μ -caprolactone Nanoparticles for treatment of Mastitis caused by S.aureus infection –an in vitro study.	Dr.C K PRASHANT	PILLAI COLLEGE OF ARTS COMMERCE AND SCIENCE	PCACS, DR. K M VASUDEVAN PILLAI CAMPUS, PLOT NO.10, SECTOR 16, NEW PANVEL NEW PANVEL Maharashtra(410206)	1. Dr. C K PRASHANT PILLAI COLLEGE OF ARTS COMMERCE AND SCIENCE PCACS, DR. K M VASUDEVAN PILLAI CAMPUS, PLOT NO.10, SECTOR 16, NEW PANVEL NEW PANVEL Maharashtra(410206)	NA	prashant.ck@gmail.com	9868765650	3 Years and 0 Months	2673000
57	37 62 4	Development of biopolymer nano-clay based agrichemical carriers for maize-mustard cropping system	Dr.GIRISH PANDEY	ITM UNIVERSITY GWALIOR	AH-43, Turari, Jhanshi Road,Gwalior GWALIOR Madhya Pradesh(474011)	1. Dr. GIRISH PANDEY ITM UNIVERSITY GWALIOR AH-43, Turari, Jhanshi Road,Gwalior GWALIOR Madhya Pradesh(474011)	1. Dr. MAYANK CHATURVEDI ITM UNIVERSITY GWALIOR 721/1C, NAI BASTI, JHANSI (U.P.) JHANSI Uttar Pradesh(284001) 2. Dr. PRIYAL PANDEY ITM UNIVERSITY GWALIOR	dean.ag@itmuniversity.ac.in	9140370470	4 Years and 0 Months	5979000

							C/O Suresh Chandra Tiwari, Bengali Para, behind paliwal memorial hospital, Janjgir, Janjgir Champa C.G. 495668 Janjgir Chhattisgarh(495668)				
58	37 76 2	Development of diagnostic kit for early detection of Banana Bunchy Top Virus BBTV in banana	Mr.Harsha S	CENTRAL MANUFACTURING TECHNOLOGY INSTITUTE	Central Manufacturing Technology Institute (CMTI), Tumkur Road, Bengaluru Bengaluru Karnataka(560022)	1. Mr. Harsha S CENTRAL MANUFACTURING TECHNOLOGY INSTITUTE Central Manufacturing Technology Institute (CMTI), Tumkur Road, Bengaluru Bengaluru Karnataka(560022)	1. Dr. B Fakrudin UNIVERSITY OF HORTICULTURAL SCIENCES, BAGALKOT Department of Biotechnology and Crop Improvement, College of Horticulture, University of Horticultural Sciences, UHS campus, GKVK post, Bengaluru, Karnataka State, INDIA Bengaluru Karnataka(580	harsha.cmti@nic.in	90084 20744	3 Year s and 0 Mon ths	14306 000

						<p>2. Dr. K S Shankarappa</p> <p>UNIVERSITY OF HORTICULTURAL SCIENCES, BAGALKOT College of Horticulture, Bengaluru, GKVK Campus, Bengaluru University of Horticultural Sciences, Bagalkot, Karnataka, India Bengaluru Karnataka(560065)</p>	<p>065)</p> <p>2. Mrs. Megha Agrawal CENTRAL MANUFACTURING TECHNOLOGY INSTITUTE Central Manufacturing Technology Institute (CMTI), Tumkur Road, Bengaluru Bengaluru Karnataka(560022)</p>				
59	37 82 1	Fabrication of Handheld Device for On-site Applications : Pesticide Monitoring in Environment and Agriculture Products	Dr.NARINDER SINGH	INDIAN INSTITUTE OF TECHNOLOGY ROPAR	Nangal Road Ropar Punjab(140001)	<p>1. Dr. NARINDER SINGH</p> <p>INDIAN INSTITUTE OF TECHNOLOGY ROPAR Nangal Road Ropar Punjab(140001)</p>	<p>1. Dr. Anupinder singh GURU NANAK DEV UNIVERSITY, AMRITSAR. Guru Nanak Dev university, Amritsar Amritsar Punjab(143005)</p> <p>2. Dr. Navneet Kaur PANJAB</p>	nsingh@iitrpr.ac.in	9815250731	3 Year s and 0 Mon ths	6018000

						<p>UNIVERSITY CHANDIGARH PU Chandigarh Chandigarh Chandigarh(16 0014)</p> <p>3. Dr. Satbir Singh GURU NANK DEV UNIVERSITY REGIONAL CAMPUS GURDASPUR Guru Nanak Dev University, Regional Campus, Gurdaspur, Punjab,India Gurdaspur Punjab(14352 1)</p> <p>4. Dr. Shilpa Sharma IIT ROPAR IIT Ropar Rupnagar Punjab(14000 1)</p>					
60	37 71 1	The Hybrid Hetero nanostructu res for Seed	Prof.K Venkateswara Rao	JAWAHARLAL NEHRU TECHNOLOGI CAL	KUKATPALLY, HYDERABAD, TELANGANA STATE	1. Prof. K Venkateswara Rao JAWAHARLAL NEHRU	1. Dr. CH Sandeep OTHER REGISTERED	kalagadda2003@gmail .com	94408 58664	3 Year s and 0	48475 60

		Germination and Nanofertilizers		UNIVERSITY HYDERABAD (JNTUH)	HYDERABAD Telangana(500085)	TECHNOLOGICAL UNIVERSITY HYDERABAD (JNTUH) KUKATPALLY, HYDERABAD, TELANGANA STATE HYDERABAD Telangana(500085)	ORGANISATION h no 3-33/59, Near Railway station, L Venkata Reddy Colony, HUDA Trade center, Serilingampally, Hyderabad, Telangana state Hyderabad Telangana(500090)			Months	
61	37755	BIOSYNTHESIS OF NANO NUTRIENTS FROM BIOLOGICAL WASTE AND THEIR OPTIMIZED USE BY DEVELOPMENT OF ONLINE NANO NUTRIENT SENSOR FOR HYDROPONICS AGRICULTURE	Dr.SHABAD PREET	DAYALBAGH EDUCATIONAL INSTITUTE, DAYALBAGH AGRA	Dayalbagh Educational Institute, Dayalbagh Agra 282005 Agra Uttar Pradesh(282005)	1. Dr. PARTIMA SOLANKI JAWAHARLAL NEHRU UNIVERSITY SPECIAL CENTRE FOR NANOSCIENCE, JNU NEW DELHI DELHI Delhi(110067) 1. Dr. SHABAD PREET DAYALBAGH EDUCATIONAL INSTITUTE,	1. Dr. SHIPRA R B S COLLEGE AGRA DEPARTMENT OF BIOTECHNOLOGY RBS COLLEGE AGRA AGRA Uttar Pradesh(282002)	preetshabd@gmail.com	8979193337	3 Years and 0 Months	21135000

						<p>DAYALBAGH AGRA</p> <p>Dayalbagh Educational Institute, Dayalbagh Agra 282005 Agra Uttar Pradesh(282005)</p> <p>2. Dr. SEEMA BHADAURIA</p> <p>R B S COLLEGE AGRA DEPARTMENT OF BOTANY RBS COLLEGE AGRA AGRA Uttar Pradesh(282002)</p> <p>3. Dr. SHABAD PREET</p> <p>DAYALBAGH EDUCATIONAL INSTITUTE, DAYALBAGH AGRA Dayalbagh Educational Institute, Dayalbagh Agra 282005 Agra Uttar Pradesh(282005)</p>					
62	37 79 6	Developmen t of nano- encapsulatio n of bio-	Dr.Jyotsna Sanjeev Waghmare	INSTITUTE OF CHEMICAL TECHNOLOGY , MUMBAI	NATHALAL PAREKH ROAD, NEAR DON BOSCO	1. Dr. Jyotsna Sanjeev Waghmare INSTITUTE OF CHEMICAL	NA	jyotsna.waghmare@g mail.com	97699 12869	3 Year s and 0	74520 00

		pesticide and their applications in coating			SCHOOL, MATUNGA (EAST), MUMBAI Maharashtra(400019)	TECHNOLOGY, MUMBAI NATHALAL PAREKH ROAD, NEAR DON BOSCO SCHOOL, MATUNGA (EAST), MUMBAI Maharashtra(400019) 2. Prof. Ravindra D Kulkarni INSTITUTE OF CHEMICAL TECHNOLOGY, MUMBAI Faculty Tower,Nathalal Parekh Marg, Near Khalasa College, Matunga-19 Mumbai Maharashtra(400019)			Months		
63	37 42 1	BIOENGINEER RING OF NANOFERTILIZERS USING POLYSACCHARIDE AS CARRIERS FOR TARGETED DELIVERY OF NUTRIENTS	Dr.PUBALI DHAR	UNIVERSITY OF CALCUTTA	87/1, COLLEGE STREET, SENATE HOUSE, KOLKATA, WEST BENGAL 700073 KOLKATA West	1. Dr. PUBALI DHAR UNIVERSITY OF CALCUTTA 20B JUDGES COURT ROAD. UNIVERSITY OF CALCUTTA FOOD AND NUTRITION DIVISION, KOLKATA 700027	1. Dr. Rambilash Mallick CALICUT UNIVERSITY Satadweep Apartment, 33/5 Ashoke Row, Ganguly Bagan, Kolkata	pubalighoshdhar23@gmail.com	9433122560	3 Years and 0 Months	450000

		IN PLANTS			Bengal(700073)	KOLKATA West Bengal(700073)	Kolkata West Bengal(700084)				
64	37 66 4	Fabrication and employment of bio-safe amp degradable carbon nanodots CDs for enhanced yield and drought tolerance traits in Cotton and Indian mustard	Dr.Bhupendra Chaudhary	GAUTAM BUDDHA UNIVERSITY	Gautam Buddha University, Yamuna Expressway, Greater Noida, Gautam Budh Nagar, Uttar Pradesh(India)-201308 Greater Noida Uttar Pradesh(201308)	1. Dr. Bhupendra Chaudhary GAUTAM BUDDHA UNIVERSITY Gautam Buddha University, Yamuna Expressway, Greater Noida, Gautam Budh Nagar, Uttar PradeshIndia-201308 Greater Noida Uttar Pradesh(201308)	1. Dr. Jai Prakash Moyal GAUTAM BUDDHA UNIVERSITY School of Biotechnology Gautam Buddha University Greater Noida Uttar Pradesh(201310)	bhupendrach@gmail.com	9971550785	3 Years and 0 Months	17151200
65	37 32 6	Assessment of multi-functional nanocarriers for sustainable agriculture	Dr.JYUTIKA MILIND RAJWADE	AGHARKAR RESEARCH INSTITUTE	G. G. Agarkar Road Pune Maharashtra(411004)	1. Dr. JYUTIKA MILIND RAJWADE AGHARKAR RESEARCH INSTITUTE G. G. Agarkar Road Pune Maharashtra(411004) 2. Prof. Meenal Kowshik	1. Dr. Vandana Ghormade AGHARKAR RESEARCH INSTITUTE G. G. Agarkar Road Pune 411004 Pune Maharashtra(411004)	jrajwade@aripune.org	9822280291	3 Years and 0 Months	7836658

						BIRLA INSTITUTE OF TECHNOLOGY AND SCIENCE PILANI, K K BIRLA GOA CAMPUS Department of Biological Sciences, BITS Pilani K K Birla Goa Campus, Off N H 17B, Zuarinagar Goa Zuarinagar Goa(403726)					
66	37 72 0	2nd generation smart coating formulations for enhancing the shelf life and quality of fruits and vegetables	Dr.Shashikant Yadav	DR B R AMBEDKAR NATIONAL INSTITUTE OF TECHNOLOGY JALANDHAR	Dr. B.R. Ambedkar National Institute of Technology Jalandhar N.I.T. Post Office Jalandhar (Punjab) - 144 011 India Jalandhar Punjab(144011)	1. Dr. Shashikant Yadav DR B R AMBEDKAR NATIONAL INSTITUTE OF TECHNOLOGY JALANDHAR Dr. B.R. Ambedkar National Institute of Technology Jalandhar N.I.T. Post Office Jalandhar (Punjab) - 144 011 India Jalandhar Punjab(144011)	1. Dr. Raj Kumar CSIR NATIONAL INSTITUTE FOR INTERDISCIPLINARY SCIENCE AND TECHNOLOGY National Institute for Interdisciplinary Science and Technology, Industrial Estate P.O, Pappanamcode, Thiruvananthapuram, Kerala Trivendrum Kerala(695019)	shashikant529@gmail.com	79772 28315	3 Year s and 0 Mon ths	24200 00
67	37 63	Fabrication of biological	Dr.Chandrika Attri	SHOOLINI UNIVERSITY	Shoolini University,	1. Dr. Chandrika Attri	1. Dr. Amit Seth	chandrika.attri@gmail.com	98172 51637	3 Year	10000 000

	1	and coated magnetic nanoparticles as nanofungicides		OF BIOTECHNOLOGY AND MANAGEMENT SCIENCES, SOLAN, HP	The Mall, Solan, HP. Solan Himachal Pradesh(173212)	SHOOLINI UNIVERSITY OF BIOTECHNOLOGY AND MANAGEMENT SCIENCES, SOLAN, HP Bhajol Solan Himachal Pradesh(173212) 2. Prof. Mahavir Singh HIMACHAL PRADESH UNIVERSITY Department of Physics, Himachal Pradesh University, Shimla Shimla Himachal Pradesh(171005)	SHOOLINI UNIVERSITY Faculty of Applied Sciences and Biotechnology, Shoolini University, Bajhol, Solan Solan Himachal Pradesh(173229)			s and 0 Months	
68	37468	“Polymeric nanoparticle loaded seaweed extract for enhancement of	Prof.WILSON SANTHOSHKUMAR ARUNI	SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY	Sathyabama Institute of Science and Technology (Deemed to be University) Jeppiaar Nagar, Rajiv	1. Dr. S KUMARAN SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY JEPPIAAR NAGAR	1. Dr. M V RAJESWARI SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY JEPPIAAR NAGAR	drwilsonaruni@hotmail.com	9994994142	3 Years and 0 Months	4491600

		growth, immunity and disease resistance in economically valuable culture fishes in India .			Gandhi Salai, Chennai - 600119. Tamilnadu, INDIA. Chennai Tamilnadu(600119)	CHENNAI Tamilnadu(600119) 1. Prof. WILSON SANTHOSHKUMAR ARUNI SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY Sathyabama Institute of Science and Technology (Deemed to be University) Jeppiaar Nagar, Rajiv Gandhi Salai, Chennai - 600119. Tamilnadu, INDIA. Chennai Tamilnadu(600119) 2. Dr. T DEVASENA SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY AC TECH CAMPUS GUINDY CHENNAI Tamilnadu(600025)	CHENNAI Tamilnadu(600119)				
69	37 38 7	NANO-MASALA NANO Materials Advanceme	Dr.Anees K	ICAR INDIAN INSTITUTE OF SPICES RESEARCH	ICAR Indian Institute of Spices Research, Kozhikode	1. Dr. Anees K ICAR INDIAN INSTITUTE OF SPICES RESEARCH	1. Dr. N K Leela ICAR INDIAN INSTITUTE OF SPICES	aneeskaprakkaden@gmail.com	9308773652	3 Years and 0 Mon	16376800

	<p>nt in Spices And its Livelihood Applications - Nano size effect of spices Synthesis, characteriza tion and its applications</p>		<p>Marikkunnu P.O Kozhikkode Kozhikkode Kerala(67301 2)</p>	<p>ICAR Indian Institute of Spices Research, Kozhikkode Marikkunnu P.O Kozhikkode Kozhikkode Kerala(673012) 1. Dr. Chandra Sekhar Tiwary IIT KHARAGPUR Assistant Professor, Department of Metallurgical and Materials Engineering Indian Institute of Technology, Kharagpur, WB, India Phone 8078317531Mobile Kharagpur West Bengal(721302)</p>	<p>RESEARCH ICAR IISR Kozhikkode Marikkunnu P.O Vellimadukunn u Kerala(673012) 2. Dr. Praveena R ICAR INDIAN INSTITUTE OF SPICES RESEARCH ICAR IISR kozhikkode Marikkunnu P.O Vellimadukunn u Kerala(673012) 3. Ms. R Sivaranjani ICAR INDIAN INSTITUTE OF SPICES</p>		ths	
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RESEARCH					
ICAR IISR Kozhikode Marikkunnu P.O Vellimadukunnu Kerala(673012)					
4. Dr. Sarathambal C					
ICAR INDIAN INSTITUTE OF SPICES RESEARCH ICAR IISR Kozhikode Marikkunnu P.O Vellimadukunnu Kerala(673012)					
5. Dr. Vidya kochat					
IIT KHARAGPUR Assistant professor Materials Science Centre IIT Kharagpur WB, India Karagpur					

							West Bengal(721302)				
70	34 30 7	Immunomodulatory, antioxidant and antimicrobial effect of nano minerals & phytochemical conjugates as feed additive in livestock and poultry	Dr.Duraisamy Rajendran	ICAR NATIONAL INSTITUTE OF ANIMAL ANIMAL NUTRITION AND PHYSIOLOGY	NIANP ADUGODI Karnataka(560030)	<p>1. Dr. Duraisamy Rajendran ICAR NATIONAL INSTITUTE OF ANIMAL ANIMAL NUTRITION AND PHYSIOLOGY</p> <p>NIANP, Hosur Road, ADUGODI Bengaluru Karnataka(560030)</p>	<p>1. Dr. A Manimaran ICAR NATIONAL DAIRY RESEARCH INSTITUTE Hosur Road, ICAR-NDRI Opp. to Bosch Adugodi Bengaluru Karnataka(560030)</p> <p>2. Dr. Dintaran Pal ICAR NATIONAL INSTITUTE OF ANIMAL ANIMAL NUTRITION AND PHYSIOLOGY ICAR NIANP, Hosur Road, Adugodi Bengaluru Karnataka(560030)</p> <p>3. Dr. F MAGDALINE ELJEEVA</p>	rajnutri@gmail.com	9443900432	3 Years and 0 Months	14577312

							EMERALD ICAR NATIONAL DAIRY RESEARCH INSTITUTE Hosur Road, Opp to Bosch, SRS, ICAR- NDRI, Adugodi, Bengaluru Karnataka(560 030)				
71	35 09 8	Immunostimulatory fucoidan nanoparticles from marine algae for treating white faces syndrome WFS in Litopenaeus vannamei Shrimp	Dr.RAJASEKAR T	SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY	Sathyabama Institute of Science and Technology (Deemed to be University) Jeppiaar Nagar, Rajiv Gandhi Salai, Chennai - 600 119. Tamilnadu, INDIA. Chennai Tamilnadu(60 0119)	1. Dr. P GOPINATH I I T ROORKEE Joint faculty in Centre for Nanotechnology, Indian Institute of Technology Roorkee, Roorkee -247667, Uttarakhand, India.	1. Dr. V GOPIKRISHNAN SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY Centre for Drug Discovery and Development, Col. Dr. Jeppiaar Research Park Sathyabama Institute of Science and Technology Deemed to be University Jeppiaar Nagar, Rajiv	microraja09@gmail.com	97512 36647	3 Year s and 0 Mon ths	73540 40

							Gandhi Road, Chennai				
						Roorkee Uttarakhand(247667) 1. Dr. RAJASEKAR T SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY Sathyabama Institute of Science and Technology Deemed to be University Jeppiaar Nagar, Rajiv Gandhi Salai, Chennai - 600 119. Tamilnadu, INDIA. Chennai Tamilnadu(600119)	Chennai Tamilnadu(600 119)				
72	37 71 5	Developmen t of carbon and silica nanomateria ls and their impact on growth and secondary metabolites of Valeriana	Dr.Amitabha Acharya	INSTITUTE OF HIMALAYAN BIORESOURC E TECHNOLOGY	Post Box. No. 06, Palampur - 176061 (H.P.) INDIA Palampur Himachal Pradesh(1760 61)	1. Dr. Amitabha Acharya INSTITUTE OF HIMALAYAN BIORESOURCE TECHNOLOGY Post Box. No. 06, Palampur - 176061 H.P. INDIA	1. Dr. Probir K Pal CSIR INSTITUTE OF HIMALAYAN BIORESOURCE TECHNOLOGY CSIR-IHBT, Palampur	amitabhachem@gmail .com	86269 87368	3 Year s and 0 Mon ths	61201 00

		jatamansi An important medicinal and aromatic Himalayan plant				Palampur Himachal Pradesh(176061)	Palampur Himachal Pradesh(176061)				
73	37 46 6	Exploring unique enzyme mimetic and SERS properties of gold nanostructures for organophosphate detection	Dr.Seema nara	MOTILAL NEHRU NATIONAL INSTITUTE OF TECHNOLOGY	Teliarganj, Allahabad, Uttar Pradesh 211004 Teliarganj Uttar Pradesh(211004)	1. Dr. Seema nara MOTILAL NEHRU NATIONAL INSTITUTE OF TECHNOLOGY Teliarganj, Prayagraj, Uttar Pradesh 211004 Teliarganj Uttar Pradesh(211004) 1. Prof. Nandakumar Kalarikkal MAHATMA GANDHI UNIVERSITY , KOTTAYAM	1. Dr. Manisha Sachan MOTILAL NEHRU NATIONAL INSTITUTE OF TECHNOLOGY ALLAHABAD Department of Biotechnology, MNNIT Allahabad, U.P., India Prayagraj Uttar Pradesh(211004)	seemanara@mnnit.ac.in	99844 21252	3 Year s and 0 Mon ths	99917 44

						International and Inter University, Centre for Nanoscience and Nanotechnology, & School of Pure and Applied Physics, Mahatma Gandhi University, Kottayam - 686 560, Kerala, India Kottayam Kerala(686560)					
74	37 74 4	Development of a nanoparticle based RNAi pesticide as an environmentally safer alternative to chemical pesticides for controlling mustard aphids	Dr.Surajit Bhattacharya	AMITY UNIVERSITY, KOLKATA	Major Arterial Road, Action Area II, Rajarhat, New Town, Kolkata, West Bengal 700135. Kolkata West Bengal(700135)	1. Dr. Surajit Bhattacharya AMITY UNIVERSITY, KOLKATA Major Arterial Road, Action Area II, Rajarhat, New Town Kolkata West Bengal(700135)	1. Dr. Prasun Patra AMITY UNIVERSITY, KOLKATA Major arterial road, Action area ii, kadampukur village, Rajarhat, New town, kolkata West Bengal(700156)	surajit.bt@gmail.com	98368 53739	3 Year s and 0 Mon ths	49225 00
75	37 47 4	Development of a portable nano biosensor for the early detection of	Dr.Praveena R	ICAR INDIAN INSTITUTE OF SPICES RESEARCH (IISR)	ICAR-INDIAN INSTITUTE OF SPICES RESEARCH (IISR), CALICUT 673012,	1. Dr. Praveena R ICAR INDIAN INSTITUTE OF SPICES RESEARCH (IISR)	1. Dr. A Jeevalatha ICAR INDIAN INSTITUTE OF SPICES RESEARCH (IISR)	praveenaravindran55@gmail.com	94475 68555	3 Year s and 0 Mon ths	18546 000

		fungi causing post harvest losses in ginger			KERALA, INDIA KOZHIKODE Kerala(673012)	ICAR-INDIAN INSTITUTE OF SPICES RESEARCH (IISR), CALICUT 673012, KERALA, INDIA KOZHIKODE Kerala(673012)	ICAR-Indian Institute of Spices Research, Marikkunnu Post, Kozhikode “ 673012, Kerala Kozhikode Kerala(673012)				
							2. Dr. Anees K ICAR INDIAN INSTITUTE OF SPICES RESEARCH (IISR) ICAR-Indian Institute of Spices Research, Marikkunnu Post, Kozhikode “ 673012, Kerala Kozhikode Kerala(673012)				
							3. Dr. Bindiya T S NATIONAL INSTITUTE OF TECHNOLOGY				

							Department of Electronics and Communication Engineering, National Institute of Technology Calicut, NIT Campus P. O., Kozhikode “ 673601, Kerala Kozhikode Kerala(673601)				
76	37 39 6	Development and Deployment of Electrochemical Sensor for farmers for checking Pesticides, Fertilizers and Micro-nutrients in the Soil	Dr.Harish Kumar	CENTRAL UNIVERSITY OF HARYANA	Central University of Haryana, Jant-Pali, Mahendergarh Jant-Pali, Mahendergarh Haryana(123029)	1. Dr. Harish Kumar CENTRAL UNIVERSITY OF HARYANA Central University of Haryana, Jant-Pali, Mahendergarh Jant-Pali, Mahendergarh Haryana(123029)	1. Dr. Sushil Ahlawat CCSHAU,HISAR HAU Hisar Hisar Haryana(125001)	harishkumar@cuh.ac.in	72060 77870	3 Year s and 0 Mon ths	63948 60
77	37 72 6	“BIOSYNTHESIS OF CELLULOSE NANO FIBER FROM AGRICULTURAL WASTE FOR	Dr.Preetha R	SRM INSTITUTE OF SCIENCE AND TECHNOLOGY (FORMERLY SRM UNIVERSITY)	SRM Nagar, Kattankulathur - 603 203 Kancheepuram District, Tamil Nadu Chennai Tamilnadu(60	1. Dr. Preetha R SRM INSTITUTE OF SCIENCE AND TECHNOLOGY (FORMERLY SRM UNIVERSITY)	1. Dr. T ANJU SRM INSTITUTE OF SCIENCE AND TECHNOLOGY (FORMERLY SRM UNIVERSITY)	preetharkrishnan@gmail.com	91766 10351	3 Year s and 0 Mon ths	41088 00

		BIODEGRADABLE FOOD PACKAGING			3203)	SRM Nagar, Kattankulathur - 603203 Kancheepuram District, Tamil Nadu Chennai Tamilnadu(603203)	DEPARTMENT OF BIOTECHNOLOGY, SCHOOL OF BIOENGINEERING, SRMIST, KATTANKULATHUR CHENNAI Tamilnadu(603203)				
78	37 65 9	Design and development of 2nd generation coated nano biochar encapsulated with NPK for soil remediations for semi arid region	Dr.Raj Kumar	CSIR NATIONAL INSTITUTE FOR INTERDISCIPLINARY SCIENCE AND TECHNOLOGY (NIIST)	Industrial Estate P.O, Pappanamcode, Thiruvananthapuram-695019 Thiruvananthapuram Kerala(695019)	1. Dr. Raj Kumar CSIR NATIONAL INSTITUTE FOR INTERDISCIPLINARY SCIENCE AND TECHNOLOGY(NIIST) Industrial Estate P.O, Pappanamcode, Thiruvananthapuram - 695019 Thiruvananthapuram Kerala(695019)	1. Prof. Jyoti Saxena BT KUMAON INSTITUTE OF TECHNOLOGY Prof. and Head, Biochemical Engineering Department, B.T.Kumaon Institute of Technology, Dwarahat Dwarahat Uttarakhand(263653)	rajkumar@niist.res.in	9467142434	3 Years and 0 Months	2993680
79	37 37 2	Nano-scale nutrients Zn, Fe and phosphorous fortified	Dr.K Govindaraju	SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY	Sathyabama Institute of Science and Technology (Deemed to	1. Dr. K Govindaraju SATHYABAMA INSTITUTE OF SCIENCE AND	1. Dr. Jitendra Kumar Singh DAYAL GROUP	govindtu@gmail.com	9677862799	3 Years and 0 Months	16356648

		biochar based slow release compound fertilizer for agricultural application.		be University) Jeppiaar Nagar, Rajiv Gandhi Salai, Chennai - 600 119. Tamilnadu, INDIA. Chennai Tamilnadu(60 0119)	TECHNOLOGY Sathyabama Institute of Science and Technology Deemed to be University Jeppiaar Nagar, Rajiv Gandhi Salai, Chennai - 600 119. Tamilnadu, INDIA. Chennai Tamilnadu(600119)	Dayal Group, Delhi Road, Partapur Meerut, UP 250 103. Partapur Uttar Pradesh(25010 3)			ths	
						2. Dr. R Vinu INDIAN INSTITUTE OF TECHNOLOGY MADRAS Associate Professor Department of Chemical Engineering Indian Institute of Technology Madras, Chennai-600 036. Chennai Tamilnadu(600 036)				
						3. Dr. Sumit				

							Chaturvedi G B PANT UNIVERSITY OF AGRICULTURE TECHNOLOGY, PANTNAGAR Department of Agronomy GB Pant University of Agriculture amp Technology, Pantnagar-263 145, U S Nagar, Uttarakhand. Pantnagar Uttarakhand(2 63145)				
80	37 68 1	Application of active bio-nano-composite Poly lactic acid PLA packaging incorporated with antimicrobial loaded Soy protein isolate SPI nano-particle for	Dr.Sajad Mohd Wani	SHER E KASHMIR UNIVERSITY OF AGRICULTURAL SCIENCES AND TECHNOLOGY OF KASHMIR	shuhama alastang srinagar srinagar Jammu And Kashmir(1900 06)	1. Dr. Sajad Mohd Wani SHER E KASHMIR UNIVERSITY OF AGRICULTURAL SCIENCES AND TECHNOLOGY OF KASHMIR Shalimar, Srinagar Kashmir JK	1. Prof. H R Naik SHERE KASHMIR UNIVERSITY OF AGRICULTURAL SCIENCES AND TECHNOLOGY KASHMIR Food Science and Technology, SKUAST K	wanisajad82@gmail.com	9858445878	3 Years and 0 Months	9211600

		enhancing the shelf life of fresh-cut fruits.				Srinagar Jammu And Kashmir(191125)	Srinagar Jammu And Kashmir(191121)				
81	37 74 5	Development of nano biostimulant using chitosan-sodium alginate nanoparticles embedded with P. fluorescens PDY7 for promoting growth and defense of rice (Oryza sativa L.)	Dr.Palaniyandi Velusamy	SRM INSTITUTE OF SCIENCE AND TECHNOLOGY (FORMERLY KNOW AS SRM UNIVERSITY)	100 Feet Road Vadapalani Chennai-600 026 Chennai Tamilnadu(600026)	1. Dr. Palaniyandi Velusamy SRM INSTITUTE OF SCIENCE AND TECHNOLOGY (FORMERLY KNOW AS SRM UNIVERSITY) 100 Feet Road Vadapalani Chennai-600 026 Chennai Tamilnadu(600026)	1. Prof. R A Nazeer SRM INSTITUTE OF SCIENCE AND TECHNOLOGY (FORMERLY SRM UNIVERSITY) SRM Institute of Science and Technology SRM Nagar, Kattankulathur , Tamil Nadu 603203 Chennai Tamilnadu(603203)	vels73@gmail.com	89397 31191	3 Year s and 0 Mon ths	41556 00
82	35 06 4	Development of nano insecticide using seed oil of Hydnocarpus pentandra	Dr.Senthilkumar	INSTITUTE OF FOREST GENETICS AND TREE BREEDING COIMBATORE	FOREST CAMPUS RS PURAM COIMBATORE 641002 COIMBATORE Tamilnadu(64	1. Dr. Senthilkumar INSTITUTE OF FOREST GENETICS AND TREE BREEDING COIMBATORE	1. Dr. A John Peter VARSHA BIOSCIENCE AND TECHNOLOGY PVT LTD	senthilnk@icfre.org	96291 60703	3 Year s and 0 Mon ths	80460 00

	for application in agriculture and forestry		1002)	<p>FOREST CAMPUS RS PURAM COIMBATORE 641002 COIMBATORE Tamilnadu(641002)</p>	<p>Dr. A. John Peter, MD,Varsha Bioscience and technology Pvt Ltd, Floor 3, 17-1-383/36/2, 2nd Main Road,Vinay Nagar Colony, Saidabad,Hyderabad, Telangana “ 500059. Hyderabad Telangana(500059) 2. Dr. Ponpandian BHARATHIAR UNIVERSITY Dr. N. Ponpandian, Head, Department of Nano Science and Technology, Bharathiar University, Coimbatore-641046. Tamilnadu Coimbatore Tamilnadu(641</p>				
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							046) 3. Mrs. Sumathi INSTITUTE OF FOREST GENETICS AND TREE BREEDING COIMBATORE Institute of Forest Genetics and Tree Breeding (IFGTB), Indian Council of Forestry Research and Education (An Autonomous council under Ministry of Environment, Forest and Climate Change(MoEF &CC), Coimbatore Tamilnadu(641 002)				
83	33 70 0	Cellulosic superabsorbent-nanoclay composite for controlled	Dr.Saikat Dutta	AMITY UNIVERSITY UTTAR PRADESH, NOIDA CAMPUS	Sector-125 Noida Uttar Pradesh(2013 13)	1. Dr. Saikat Dutta AMITY UNIVERSITY UTTAR PRADESH, NOIDA CAMPUS	1. Prof. Asim Bhaumik INDIAN ASSOCIATION FOR THE CULTIVATION OF SCIENCE	saikatdutta2008@gmail.com	76529 06714	5 Years and 0 Months	59037 100

release of
water and
nutrients to
soil
Nanoscale
effect in
rainfed
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em

Sec-125, noida
Noida

Uttar
Pradesh(201313)

2A 2B Raja S.
C. Mullick
Road, Kolkata
700032
Kolkata
West
Bengal(700032
)

**2. Prof.
Monalisa
Mukherjee**
AMITY
UNIVERSITY
UTTAR
PRADESH,
NOIDA
CAMPUS
Sector 125
Amity
University,
Noida, 201303
Noida
Uttar
Pradesh(21303
)

**3. Dr. Om Pal
Singh Khola**
ICAR INDIAN
INSTITUTE OF
SOIL AND
WATER
CONSERVATIO
N

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ICAR- Indian institute of Soil and Water Conservation Research Center, Chandigarh Sector - 27A, Madhya Marg, Chandigarh Pin code 160019 Chandigarh Chandigarh(16 0019) 4. Dr. Pankaj Panwar ICAR INDIAN INSTITUTE OF SOIL AND WATER CONSERVATIO N ICAR- Indian institute of Soil and Water Conservation Research Center, Chandigarh Sector - 27A, Madhya Marg, Chandigarh Pin code 160019 Chandigarh				
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							Chandigarh(160019) 5. Dr. Sharmistha Pal ICAR INDIAN INSTITUTE OF SOIL AND WATER CONSERVATION ICAR Indian institute of Soil and Water Conservation Research Center, Chandigarh Sector - 27A, Madhya Marg, Chandigarh Pin code 160019 Chandigarh Chandigarh(160019)				
84	37709	New generation nano vehicle (Nano Zinc (Zn) loaded novel	Dr.GOMATHY	AGRICULTURAL COLLEGE AND RESEARCH INSTITUTE, KILLIKULAM	The Dean, Agricultural College and Research Institute Killikulam,	1. Dr. Dilip Saikia PANDIT DEENDAYAL UPADHAYA ADARSHA MAHAVIDYALAYA	1. Dr. Dhruva jyoti nath ASSAM AGRICULTURE UNIVERSITY	mg2003@rediffmail.com	9944627322	3 Years and 0 Months	9868540

	<p>phyllosphere yeast bioactives) for efficient management of foliar diseases of rice and enhanced uptake of zinc nutrition</p>			<p>Vallanadu - 628 252 Thoothukudi District Tamil Nadu, India VALLANADU Tamilnadu(628252)</p>	<p>Dr. Dilip Saikia, Department of Physics, Pandit Deendayal Upadhyaya Adarsha Mahavidyalaya, Behali. Behali Assam(784184)</p> <p>1. Dr. GOMATHY M AGRICULTURAL COLLEGE AND RESEARCH INSTITUTE, KILLIKULAM Dr.M.GOMATHY Department of Soil Science and Agricultural Chemistry Agricultural College and Research Institute Killikulam,</p>	<p>Principal Scientist and Principal Investigator All India Network Project on Soil Biodiversity-Biofertilizers Department of Soil Science Assam Agricultural University Jorhat785013, AssamIndia Email jorhat Assam(785013)</p> <p>2. Dr. K Eraivan Arutkani Aiyanathan</p> <p>TAMIL NADU AGRICULTURAL UNIVERSITY</p> <p>Dean, ACampRI, killikulam</p>				
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Vallanadu - 628 252
Thoothukudi District
Tamil Nadu, India

VALLANADU
Tamilnadu(628252)

2. Dr. Pranab Dutta
ASSAM
AGRICULTURAL
UNIVERSITY

Scientist at AAU,
Jorhat, Assam
Jorhat

Assam(785013)

tirunelveli
Tamilnadu(628
011)

**3. Dr. K S
Subramanian**
TAMILNADU
AGRICULTURA
L UNIVERSITY

Director of
Research,
TNAU,
Coimbatore
Coimbatore
Tamilnadu(641
003)

**4. Dr. KG
Sabarinathan**
TAMIL NADU
AGRICULTURA
L UNIVERSITY

Asst Professor,
AC amp RI
killikulam
tirunelveli
Tamilnadu(628
011)

**5. Dr. SEN
SARMA
NEELOTPAL**

							INSTITUTE OF ADVANCED STUDIES IN SCIENCE AND TECHNOLOGY Institute of Advanced Study in Science and Technology, Paschim Boragaon, Vigyan Path, Guwahati-781 035, Assam, INDIA Guwahati Assam(781040)				
85	37 69 1	Developmen t of bionanocom posite based intelligent packaging material for fishery products	Dr.Muralidhar an Nagarajan	DR. M.G.R. FISHERIES COLLEGE AND RESEARCH INSTITUTE	TH Road Ponneri Tamilnadu(60 1204)	1. Dr. D Kesavan TAMIL NADU DR. J. JAYALALITHAA FISHERIES UNIVERSITY Panangudi Nagapattinam Tamilnadu(611002) 1. Dr. Muralidharan Nagarajan DR. M.G.R. FISHERIES COLLEGE AND RESEARCH INSTITUTE TH Road Tamil Nadu Dr. J. Jayalalithaa	NA	murali@tnfu.ac.in	99522 31805	3 Year s and 0 Mon ths	79662 50

						<p>Fisheries University</p> <p>Ponneri Tamilnadu(601204)</p> <p>2. Dr. K S Subramanian TAMIL NADU AGRICULTURAL UNIVERSITY Pudur Coimbatore Tamilnadu(641003)</p> <p>3. Dr. Muralidharan Nagarajan DR. M.G.R. FISHERIES COLLEGE AND RESEARCH INSTITUTE TH Road Tamil Nadu Dr. J. Jayalalithaa Fisheries University Ponneri Tamilnadu(601204)</p>					
86	37 70 8	Synthesis of Urea Modified Hydroxyapatite embedded TiO ₂ and Ti(Urea)Cl ₃ "Hydroxyapatite Nanocompo	Dr.ILAIYARAJA PERUMAL	AARUPADAI VEEDU INSTITUTE OF TECHNOLOGY	paiyanoor, chennai chennai Tamilnadu(603104)	<p>1. Dr. ILAIYARAJA PERUMAL</p> <p>AARUPADAI VEEDU INSTITUTE OF TECHNOLOGY Department of chemistry, Science and Humanities, Paiyanoor</p>	<p>1. Dr. SURESH GOVINDASAMY</p> <p>AARUPADAI VEEDU INSTITUTE OF TECHNOLOGY</p> <p>Department of Physics, AVIT</p>	chemila07@gmail.com	63798 13623	3 Year s and 0 Mon ths	47450 00

		sites for Agricultural Application: Plant Growth and Protection				chennai Tamilnadu(603104)	chennai Tamilnadu(603104)				
87	37 67 8	Self assembled carbon nanomaterials and Coreshell nanomaterials are the future of Precision Agriculture.	Dr.Shobha	ABASAHEB GARWARE COLLEGE, PUNE	Abasaheb Garware College Pune Pune Maharashtra(411004)	1. Dr. Shobha Ajeet Waghmode ABASAHEB GARWARE COLLEGE, PUNE Abasaheb Garware College Pune Pune Maharashtra(411004)	1. Dr. Vidya Kalyankar ABASAHEB GARWARE COLLEGE, PUNE Abasaheb Garware College Pune Pune Maharashtra(411004)	shobha.waghmode@mesagc.org	94223 16895	3 Year s and 0 Mon ths	59080 00
88	37 27 0	Development of printed paper based sensors with nanoparticle s-ink for detection of micronutrients in soil and pesticides in food materials	Dr.Kamlesh Kumar Shrivas	PT. RAVISHANKAR SHUKLA UNIVERSITY	Pt. RSU Aamanaka G.E. Road Raipur Raipur Chhattisgarh(492010)	1. Dr. Kamlesh Kumar Shrivas PT. RAVISHANKAR SHUKLA UNIVERSITY Pt. RSU Aamanaka G.E. Road Raipur Raipur	1. Dr. Khemchand Dewanagn INDIRA GANDHI NATIONAL TRIBAL UNIVERSITY, AMARKANTAK Department of Chemistry, Indira Gandhi National Tribal University, Amarkantak, M. P.; India Amarkantak	kshrivas@gmail.com	78795 81979	3 Year s and 0 Mon ths	52700 00

						Chhattisgarh(492010)	Madhya Pradesh(484886) 2. Dr. Manmohan Lal Satnmai PT. RAVISHANKAR SHUKLA UNIVERSITY RAIPUR School of Studies in Chemistry, Pandit Ravishankar Shukla University, Raipur, (Chhattisgarh), 492010 Raipur Chhattisgarh(492010)				
89	37 21 5	Green sustainable nano material Bismuth Oxyhalides based on Ficus Religiosa peepal leaf for agriculture	Dr.Suresh S	MAULANA AZAD NATIONAL INSTITUTE OF TECHNOLOGY BHOPAL	Link Road Number 3, Near Kali Mata Mandir, Bhopal, Madhya Pradesh 462003 Bhopal Madhya Pradesh(462003)	1. Dr. Suresh Sundaramurthy MAULANA AZAD NATIONAL INSTITUTE OF TECHNOLOGY BHOPAL Link Road Number 3, Near Kali Mata Mandir, Bhopal, Madhya Pradesh	1. Dr. Jay Mant Jha MAULANA AZAD NATIONAL INSTITUTE OF TECHNOLOGY BHOPAL Department of Chemical Engineering MANIT Bhopal	ssureshchemengg@gmail.com	8989005393	3 Year s and 0 Mon ths	682000

		based sensor application				462003					
						Bhopal Madhya Pradesh(462003)	Bhopal Madhya Pradesh(462003) 2. Dr. Sunny Kumar MAULANA AZAD NATIONAL INSTITUTE OF TECHNOLOGY BHOPAL Department of Chemical Engineering MANIT Bhopal Bhopal Madhya Pradesh(462003)				
90	37568	Hybrid Macro and Micro nutrient Containing Nano Metal/Metal Oxide Based Seaweed Bio-stimulant for	Dr.Sanjay Pratihar	CENTRAL SALT AND MARINE CHEMICALS RESEARCH INSTITUTE	LAB 207, CSIR-CSMCRI, BHAVNAGAR BHAVNAGAR Gujarat(364002)	1. Dr. Sanjay Pratihar CENTRAL SALT AND MARINE CHEMICALS RESEARCH INSTITUTE IMCD, CSIR-CSMCRI, BHAVNAGAR	1. Dr. Arup Ghosh CENTRAL SALT AND MARINE CHEMICALS RESEARCH INSTITUTE CSIR-Central Salt & Marine Chemicals Research Institute	spratihar29@gmail.com	8876219930	3 Years and 0 Months	4700415

		Enhancing the Agricultural Crop Productivity					(CSMCRI), G. B. Marg, Bhavnagar-364002, Gujarat, India Bhavnagar Gujarat(364002)				
91	37 56 2	Palm held Micro e-PAD for diagnosis of subclinical ketosis in livestock™s	Dr.Sudhakara prasad K	YENEPOYA UNIVERSITY	Yenepoya University University Road, Deralakatte, Mangalore 575018. Phone: +91 824 2206000 Fax: +91 824 2204667 Mangalore Karnataka(575018)	1. Dr. Sudhakaraprasad K YENEPOYA UNIVERSITY Yenepoya University University Road, Deralakatte, Mangalore 575018. Phone 91 824 2206000 Fax 91 824 2204667 Mangalore Karnataka(575018)	1. Mr. Asim Syed Sheeraz YENEPOYA UNIVERSITY Yenepoya Technology Incubator Yenepoya University Mangalore Karnataka(575018) 2. Dr. RAJI KANAKKAPAR AMBIL KERALA VETERINARY AND ANIMAL SCIENCES UNIVERSITY, POOKOD	ksprasadnair@yenepoya.edu.in	9108772501	3 Year s and 0 Mon ths	5324000

							Assistant Professor, Department of Veterinary Physiology, College of Veterinary & Animal Sciences, Mannuthy, Thrissur, Kerala Veterinary and Animal Sciences University, Kerala, India-680651. Mannuthy Kerala(680651)				
92	37 66 7	Phytobiosynthesis of Ag and Cu nanoparticle s from non-host plant extracts and their use as antiviral nanoformulation for management of economically important	Dr.Pranab	DIRECTORATE OF RESEARCH (AGRICULTURE), ASSAM AGRICULTURAL UNIVERSITY	Directorate of Research (Agriculture) Assam Agricultural University Jorhat-13, Assam Jorhat Assam(785013)	1. Dr. Kajal Kumar Biswas INDIAN AGRICULTURAL RESEARCH INSTITUTE Unit of Plant Virology, IARI, New Delhi Delhi Delhi(110012) 1. Dr. Pranab Dutta	1. Dr. Ananta Madhab Baruah ASSAM AGRICULTURAL UNIVERSITY Borbheta Jorhat Assam(785013) 2. Dr. Basanta Kumar Borah	pranabdutta74@gmail .com	96789 06650	3 Year s and 0 Mon ths	18229 853

		virus and virus-like diseases in vegetables, cotton and citrus.				DIRECTORATE OF RESEARCH (AGRICULTURE), ASSAM AGRICULTURAL UNIVERSITY Directorate of Research Agriculture Assam Agricultural University Jorhat-13, Assam Jorhat Assam(785013) 2. Dr. Pranab Dutta DIRECTORATE OF RESEARCH (AGRICULTURE), ASSAM AGRICULTURAL UNIVERSITY Directorate of Research Agriculture Assam Agricultural University Jorhat-13, Assam Jorhat Assam(785013)	ASSAM AGRICULTURAL UNIVERSITY Borbheta Jorhat Assam(785013) 3. Dr. Khem Bahadur Pun INDIAN AGRICULTURAL RESEARCH INSTITUTE Unit of Plant Pathology, IARI, New Delhi Delhi Delhi(110012)				
93	37670	• Bio synthesis of boron and sulphur nano fertilizers to	Dr.K N Geetha	UNIVERSITY OF AGRICULTURE SCIENCES BANGALORE	GKVK,Bellary road, BANGALORE Bengaluru Karnataka(560065)	1. Dr. K N Geetha UNIVERSITY OF AGRICULTURE SCIENCES BANGALORE	1. Dr. A G SHANKAR UNIVERSITY OF AGRICULTURAL SCIENCES,	geethagowda@hotmail.com	9945204726	3 Years and 0 Months	5592000

		enhance the productivity and nutritional quality of sunflower Helianthus annuus L.â€				GKVK,Bellary road, BANGALORE Bengaluru Karnataka(560065)	BANGALORE Dr. A. G. Shankar, Professor Department of Crop physiology UAS, GKVK, Bengaluru Bengaluru Karnataka(560065)				
94	37 58 2	Fabrication of MOF based nanosensors for real-time monitoring of soil micronutrients	Dr.Sandip Chakrabarti	AMITY UNIVERSITY UTTAR PRADESH	Amity University Uttar Pradesh Sector-125, Noida, Uttar Pradesh 201313 NOIDA Uttar Pradesh(201313)	1. Dr. Sandip Chakrabarti AMITY UNIVERSITY UTTAR PRADESH Amity Institute of Nanotechnology, J2, 4th Floor, Sector 125, PIN: 201313 Noida Uttar Pradesh(201313) 1. Prof. Dipankar Bandyopadhyay INDIAN INSTITUTE OF TECHNOLOGY,GUWAHATI Department of Chemical Engineering Indian Institute of Technology	NA	schakrabarti@amity.edu	8750337403	3 Years and 0 Months	12243000

						Guwahati Guwahati â€“ 781 039, Assam, India					
						Guwahati Assam(781039) 2. Dr. Sandip Chakrabarti AMITY UNIVERSITY UTTAR PRADESH Amity Institute of Nanotechnology, J2, 4th Floor, Sector 125, PIN: 201313 Noida Uttar Pradesh(201313)					
95	34 77 3	New generation dsRNA based nanocides for genetic control of pink bollworm Pectinophora gossypiella	Dr.Praveen Chandra Verma	NATIONAL BOTANICAL RESEARCH INSTITUTE, LUCKNOW	P.O. Box No 436, Sikanderbagh, Rana Pratap Marg, Hazratganj, Lucknow Lucknow Uttar Pradesh(2260 01)	1. Dr. Praveen Chandra Verma NATIONAL BOTANICAL RESEARCH INSTITUTE, LUCKNOW P.O. Box No 436, Sikanderbagh, Rana Pratap Marg, Hazratganj, Lucknow	1. Dr. Brahma Nand Singh NATIONAL BOTANICAL RESEARCH INSTITUTE Pharmacognosy & Ethnopharmacology Division Rana Pratap Marg CSIR- National Botanical Research Institute, Lucknow-	praveencverma@nbri. res.in	94521 82470	3 Year s and 0 Mon ths	14148 036

						Lucknow Uttar Pradesh(226001)	226001 Lucknow Uttar Pradesh(226001) 2. Dr. Vinay Kumari Kalia IARI National Facility for insect Rearing and Xenobiotic-cum-Transgenic Bioassay, Division of Entomology, ICAR-IARI, New Delhi. Delhi Delhi(110012)				
96	37 56 7	Nano-enabled herbal fungicide for the suppression of Alternaria alternata in management of Leaf	Dr.Aradhana Mishra	NATIONAL BOTANICAL RESEARCH INSTITUTE, LUCKNOW	P.O. Box No 436, Sikanderbagh, Rana Pratap Marg, Hazratganj, Lucknow Uttar Pradesh(2260	1. Dr. Aradhana Mishra NATIONAL BOTANICAL RESEARCH INSTITUTE, LUCKNOW P.O. Box No 436, Sikanderbagh, Rana Pratap Marg,	1. Dr. Praveen C Verma NATIONAL BOTANICAL RESEARCH INSTITUTE Lab No. F-17 & 18, CPMB Building,	mishra.a@nbri.res.in	87568 16221	3 Year s and 0 Mon ths	73537 44

		spot disease in <i>Withania somnifera</i>			01)	Hazratganj, Lucknow LUCKNOW Uttar Pradesh(226020)	National Botanical Research Institute Rana Pratap Marg Lucknow Uttar Pradesh(226001) 2. Dr. Suchi Srivastava NATIONAL BOTANICAL RESEARCH INSTITUTE Lab No 403, Division of Microbial Technology, Garden Block, CSIR-NBRI Lucknow Uttar Pradesh(226001)				
97	37 49 9	Novel Nematotoxic Nanostructure of nematode egg parasitic fungi <i>Purpureocillium lilacinum</i> to manage	Dr.N Seenivasan	TAMIL NADU AGRICULTURAL UNIVERSITY	Lawly Road, Tamil Nadu Agricultural University, Coimbatore Coimbatore Tamilnadu(641003)	1. Dr. N Seenivasan TAMIL NADU AGRICULTURAL UNIVERSITY Lawly Road, Tamil Nadu Agricultural University, Coimbatore	1. Dr. Raja K TAMIL NADU AGRICULTURAL UNIVERSITY Department of Nano Science & Technology Tamil Nadu Agricultural University	seeni_nema@yahoo.com	98657 24277	3 Year s and 0 Mon ths	34451 00

		invasive nematode pest of guava Meloidogyn e enterolobii				Coimbatore Coimbatore Tamilnadu(641003)	Coimbatore. Coimbatore Tamilnadu(641003)				
98	37 50 4	Development of novel gC3N4 nanocomposite encapsulated copper quantum dot Crop pest mitigation and enhanced nutrient delivery	Dr.Vivek Dave	BANASTHALI VIDYAPITH	Banasthali Vidyapith, Banasthali-3040022, Rajasthan Banasthali Rajasthan(304022)	1. Dr. Vivek Dave BANASTHALI VIDYAPITH Department of Pharmacy, Banasthali Vidyapith, Banasthali-3040022, Rajasthan Banasthali Rajasthan(304022)	1. Dr. Swapnil Sharma BANASTHALI VIDYAPITH Department of Pharmacy, Banasthali Vidyapith, Banasthali, Rajasthan- Banasthali Rajasthan(304022)	vivekdave1984@gmail.com	96948 91454	3 Year s and 0 Mon ths	37470 00
99	37 52 9	Green synthesis of Silicon nanoparticles and its application in agricultural crop protection against various fungal phytopathogens	Dr.JYOTI MATHUR	BANASTHALI VIDYAPITH	Banasthali Vidyapith, Banasthali-3040022, Rajasthan Banasthali Rajasthan(304022)	1. Dr. JYOTI MATHUR BANASTHALI VIDYAPITH Dept. of Bioscience and Biotechnology, Banasthali Vidyapith, Banasthali-3040022, Rajasthan	1. Dr. NIDHI SRIVASTAVA B.V.RAJU COLLEGE Dr. Nidhi Srivastava, Dept. of Bioscience & Biotechnology BanasthaliVidyapith, Banasthali - 304022 Rajasthan,India.	contact.srivastava@gmail.com	98870 69390	3 Year s and 0 Mon ths	28800 00

						Banasthali Rajasthan(304022)	NEWAI BANASTHALI Rajasthan(304022)				
100	37498	Development of graphene based ternary nanocomposites VOC sensors system powered by artificial intelligence to detect microbial infection in apple and strawberry at post harvesting stages	Dr.ARNAB HAZRA	BIRLA INSTITUTE OF TECHNOLOGY AND SCIENCE, PILANI	Birla Institute of Technology and Science, Pilani District Jhunjhunu RJ India Pilani Rajasthan(333031)	<p>1. Dr. ARNAB HAZRA</p> <p>BIRLA INSTITUTE OF TECHNOLOGY AND SCIENCE, PILANI Birla Institute of Technology and Science, Pilani District Jhunjhunu RJ India Pilani Rajasthan(333031)</p> <p>1. Prof. Prabhat Nath Jha</p> <p>BIRLA INSTITUTE OF TECHNOLOGY AND SCIENCE (BITS), PILANI, PILANI CAMPUS BITS Pilani Rajasthan(333031)</p>	<p>1. Dr. Bibhas Ranjan Sarkar</p> <p>BIRLA INSTITUTE OF TECHNOLOGY AND SCIENCE (BITS), PILANI, PILANI CAMPUS</p> <p>BITS Pilani Rajasthan(333031)</p> <p>2. Prof. Jitendra Panwar</p> <p>BIRLA INSTITUTE OF TECHNOLOGY AND SCIENCE (BITS), PILANI, PILANI CAMPUS BITS Pilani Rajasthan(333031)</p>	arnabhazra2013@gmail.com	9166184070	3 Year s and 0 Mon ths	25456300

2. Dr. Rahul Prajesh

CSIR CENTRAL
ELECTRONICS
ENGINEERING
RESEARCH
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CEERI) PILANI
CSIR-CEERI
Pilani

Rajasthan(333031)

**3. Dr. Pawan
Ajmera**

BIRLA
INSTITUTE OF
TECHNOLOGY
AND SCIENCE
(BITS), PILANI,
PILANI
CAMPUS
BITS
Pilani
Rajasthan(333
031)

**4. Mr. Satyam
Srivastava**

CSIR CENTRAL
ELECTRONICS
ENGINEERING
RESEARCH
INSTITUTE
(CSIR CEERI)
PILANI
CSIR-CEERI
Pilani
Rajasthan(333
031)

**5. Prof.
Subhashis
Gangopadhy
y**

BIRLA
INSTITUTE OF
TECHNOLOGY
AND SCIENCE
(BITS), PILANI,

							PILANI CAMPUS BITS Pilani Rajasthan(333 031) 6. Dr. Sujan Yenuganti BIRLA INSTITUTE OF TECHNOLOGY AND SCIENCE (BITS), PILANI, PILANI CAMPUS BITS Pilani Rajasthan(333 031) 7. Dr. Syamantak Majumder BIRLA INSTITUTE OF TECHNOLOGY AND SCIENCE (BITS), PILANI, PILANI CAMPUS BITS Pilani Rajasthan(333 031)				
10 1	34 80	THROUGHPUT IN VITRO	Dr.A Mangalagowri	TAMIL NADU VETERINARY	Tamil Nadu Veterinary	1. Dr. A Mangalagowri	1. Dr. A Gnanamani	mangalagowri.a@tanu vas.ac.in	94448 04033	3 Year	66861 00

	5 AND IN VIVO BIOSCREENING MODELS FOR TISSUE INTERACTIONS OF CONVENTIONAL AND GREEN SYNTHESIZED NANOMOLECULES		AND ANIMAL SCIENCES UNIVERSITY	and Animal Sciences University, Madhavaram Milk Colony, Chennai Chennai Tamilnadu(600051)	TAMIL NADU VETERINARY AND ANIMAL SCIENCES UNIVERSITY Tamil Nadu Veterinary and Animal Sciences University, Madhavaram Milk Colony, Chennai CHENNAI Tamilnadu(600051)	CENTRAL LEATHER RESEARCH INSTITUTE (CLRI) Principal Scientist, Microbiology Division, Biological Materials Laboratory, Central Leather Research Institute, Adyar, Chennai 20. Chennai Tamilnadu(600020) 2. Dr. Durgalakshmi D ANNA UNIVERSITY, CHENNAI 25 Assistant Professor, DST-Inspire Faculty, Department of Medical Physics, Anna University, Chennai Chennai			s and 0 Months	
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Tamilnadu(600 025) 3. Dr. K BRINDHA TAMIL NADU VETERINARY AND ANIMAL SCIENCES UNIVERSITY Associate PRofessor Department of Animal Biotechnology MVC, Chennai Tamilnadu(600 007) 4. Dr. V RANGANATHA N TAMIL NADU VETERINARY AND ANIMAL SCIENCES UNIVERSITY Professor and Head, Department of Veterinary Pharmacology and Toxicology, Veterinary College and Research				
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							Institute, Orathanadu- 614625, Thanjavur District Thanjavur Tamilnadu(614 625)				
10 2	37 21 7	Investigating the role of new- generation quantum dots /nano- materials for both detection and decontamin ation of pesticide residues in grapes A DUAL APPROACH	Dr.Dibakar Sahoo	SAMBALPUR UNIVERSITY	Department of Biotechnology and Bioinformatic s, Sambalpur University, Jyoti Vihar, Sambalpur, Odisha Burla Orissa(768019)	1. Dr. Abhishek Mandal ICAR INDIAN AGRICULTURAL RESEARCH INSTITUTE Division of Agricultural Chemicals, LBS Building, ICAR-IARI, PUSA Campus, New Delhi-110012 NewDelhi Delhi(110012) 1. Dr. Dibakar Sahoo SAMBALPUR UNIVERSITY Sambalpur University, Jyoti Vihar, Burla, Sambalpur, Odisha- 768019 Tel. 91-663- 2430157 (O) Fax:0663-2430158 E- mail: registrar@suniv.ac.i	1. Dr. Hirak Chakraborty SAMBALPUR UNIVERSITY Department of Chemistry, Sambalpur University, Burla, 768019 Burla Orissa(768019)	iamdibakar@suniv.ac.i n	87777 17185	3 Year s and 0 Mon ths	58049 70

						<p>n</p> <p>Sambalpur Orissa(768019) 2. Dr. Dibakar Sahoo SAMBALPUR UNIVERSITY Sambalpur University, Jyoti Vihar, Burla, Sambalpur, Odisha- 768019 Tel. 91-663- 2430157 (O) Fax:0663-2430158 E- mail: registrar@suniv.ac.i n Sambalpur Orissa(768019)</p>					
103	37426	Developing a nano based diagnostic device for detecting spoilage in stored onions.	Dr.Jogender Singh Rana	NATIONAL INSTITUTE OF FOOD TECHNOLOGY ENTREPRENEURSHIP AND MANAGEMENT	Plot No. 97, Sector 56, HSIIDC Industrial Estate, Kundli, Sonipat, Haryana 131028 Kundli Haryana(131028)	<p>1. Dr. Jogender Singh Rana</p> <p>NATIONAL INSTITUTE OF FOOD TECHNOLOGY ENTREPRENEURSHIP AND MANAGEMENT Plot No. 97, Sector 56, HSIIDC Industrial Estate, Kundli, Sonipat, Haryana</p>	<p>1. Dr. DIVYA SACHDEV NATIONAL INSTITUTE OF FOOD TECHNOLOGY ENTREPRENEURSHIP AND MANAGEMENT Plot No. 97, Sector 56, HSIIDC, Industrial</p>	jsrana@outlook.com	8295940256	5 Years and 0 Months	29460161

						131028	Estate, Kundli, Sonipat, Haryana				
						Kundli	KUNDLI				
						Haryana(131028)	Haryana(131028) 2. Dr. NEETU KUMRA TANEJA NATIONAL INSTITUTE OF FOOD TECHNOLOGY ENTREPRENEURSHIP AND MANAGEMENT Plot No. 97, Sector 56, HSIIDC, Industrial Estate, Kundli, Sonipat, Haryana KUNDLI Haryana(131028)				
104	34462	Elucidating nanoparticle -PGPR interactions for designing the next	Dr.Ramesh Namdeo Pudake	AMITY UNIVERSITY NOIDA	sec-125, noida Noida Uttar Pradesh(2013 06)	1. Dr. Ramesh Namdeo Pudake AMITY UNIVERSITY NOIDA	1. Dr. Sangeeta Pandey AMITY INSTITUTE OF ORGANIC AGRICULTURE	rnpudake@amity.edu	7503149960	3 Years and 0 Months	5600000

		generation form of biofertilizer.				Sec-125 campus, Noida Noida Uttar Pradesh(201301)	Amity University Uttar Pradesh, I2-Sector - 125, Noida, Gautam Budh Nagar , India Noida Uttar Pradesh(201313)				
105	34604	Study of molecular mechanisms of abiotic stress signaling in plants using nanostructure based optical sensing technologies	Dr. Amartya Sengupta	IIT DELHI	Hauz khas New Delhi Delhi(110016)	1. Dr. Amartya Sengupta IIT DELHI Department of Physics, IIT Delhi New Delhi Delhi(110016)	1. Dr. Yashwanti Mudgil DELHI UNIVERSITY Department of Botany, University of Delhi New Delhi Delhi(110007)	amartya@physics.iitd.ac.in	9582733597	3 Years and 0 Months	1450000
106	37530	Development of green technology for Arsenic removal from water through simultaneous oxidation and adsorption by	Dr. Sk Tofajjen Hossain	UNIVERSITY OF KALYANI	University Road, Near Kalyani Ghoshpara Railway Station, District Nadia, Kalyani, West Bengal Kalyani West Bengal(741235)	1. Dr. Sk Tofajjen Hossain UNIVERSITY OF KALYANI University Road, Near Kalyani Ghoshpara Railway Station, District Nadia, Kalyani, West Bengal	1. Prof. Samir Kumar Mukherjee UNIVERSITY OF KALYANI Department of Microbiology University of Kalyani Kalyani, Nadia 741235 West Bengal,	sktofajjen.hossain@gmail.com	7001902413	3 Years and 0 Months	4971340

		immobilization of Guar Gum coated Fe-nanoparticle in living biofilms of isolated novel soil bacteria.				Kalyani West Bengal(741235)	India Kalyani West Bengal(741235)				
107	37509	Nano-bioemulsions – a versatile weapon for plant disease control	Dr.Shilpa Mujumdar	PROGRESSIVE EDUCATION SOCIETY'S MODERN COLLEGE OF ARTS SCIENCE AND COMMERECE, SHIVAJINAGAR, PUNE	Shivajinagar, Pune Pune Maharashtra(411005)	1. Dr. Shilpa Mujumdar PROGRESSIVE EDUCATION SOCIETY'S MODERN COLLEGE OF ARTS SCIENCE AND COMMERECE, SHIVAJINAGAR, PUNE Shivajinagar, Pune Pune Maharashtra(411005)	1. Dr. Karishma Pardesi SAVITRIBAI PHULE PUNE UNIVERSITY Department of Microbiology, Savitribai Phule Pune University Ganeshkhind, Pune 411007, MH Pune Maharashtra(411007)	hodmicro@moderncollegepune.edu.in	9423562564	3 Years and 0 Months	5988000
108	3496	SMART FARMING	Dr.RAJESH KHANNA	VELTECH MULTITECH	Avadi Chennai 62 Chennai	1. Dr. Ramesh S	1. Dr. RAJESH KHANNA M	rajeshkhanna@veltechmultitech.org	9840333193	3 Year	1632700

	8	TECHNOLOGY FOR SENSING SOIL MOISTURE USING SENSOR BASED NANO-TECHNOLOGY	Murugesan	ENGINEERING COLLEGE	Tamilnadu(600062)	VELTECH MULTITECH ENGINEERING COLLEGE 42amp60 avadi vel tech road, chennai-62 Chennai Tamilnadu(600062)	VEL TECH MULTI TECH DR.RANGARAJAN DR.SAKUNTHALA ENGINEERING COLLEGE 1 new colony main road,porur porur Tamilnadu(600116)			s and 0 Months	
109	34725	Nanoparticle conjugated and encapsulated IgY antibodies and Antimicrobial Peptides Therapeutic approach for multi-drug resistant bacterial infections	Dr.Sukhadeo B Barbuddhe	ICAR NATIONAL RESEARCH CENTRE ON MEAT	ICAR-National Research Centre on Meat, Chengicherla, Boduppall Post, Hyderabad Hyderabad Telangana(500092)	1. Dr. Sukhadeo B Barbuddhe ICAR NATIONAL RESEARCH CENTRE ON MEAT ICAR-National Research Centre on Meat, Chengicherla, Boduppall Post Hyderabad Telangana(500092)	1. Dr. Girish Patil S NATIONAL RESEARCH CENTRE ON MEAT National Research Centre on Meat, Chengicherla, Boduppall Post HYDERABAD Telangana(500092) 2. Dr. Jess Vergis KERALA VETERINARY AND ANIMAL SCIENCES UNIVERSITY,	sb.barbuddhe@icar.gov.in	9518542937	3 Years and 0 Months	24920224

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Department of Veterinary Public Health College of Veterinary and Animal Sciences, Pookode, Lakkidi P.O. Wayanad Kerala(673576)					
3. Dr. Lavleen Kumar Gupta					
IGY IMMUNOLOGI X INDIA PVT LTD IgY Immunologix India Pvt Ltd, 3-14/2, Narsingi, Hyderabad 500089 Hyderabad Telangana(500 089)					
4. Dr. Laxman R Chatlod					
NATIONAL RESEARCH CENTRE ON					

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MEAT National Research Centre on Meat, Chengicherla, Boduppal Post HYDERABAD Telangana(500 092) 5. Dr. Lijo John KERALA VETERINARY AND ANIMAL SCIENCES UNIVERSITY, POOKOD Department of Veterinary Biochemistry, College of Veterinary and Animal Sciences, Pookode Wayanad Kerala(673576) 6. Dr. M Muthukumar NATIONAL RESEARCH CENTRE ON MEAT				
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7. Dr. Prejit
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Public Health
College of
Veterinary and
Animal
Sciences,
Pookode
Wayanad
Kerala(673576
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**8. Dr. Sanis
Juliet**
KERALA
VETERINARY
AND ANIMAL
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UNIVERSITY,
POOKOD

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						<p>Department of Veterinary Pharmacology and Toxicology, College of Veterinary and Animal Sciences, Pookode Wayanad Kerala(673576) 9. Dr. Y Adinarayana Reddy IGY IMMUNOLOGICAL INDIA PVT LTD IgY Immunologix India Pvt Ltd, 3-14/2, Narsingi, Hyderabad 500089 Hyderabad Telangana(500 089)</p>					
110	34338	Development of novel Zinc oxide nano-formulation for its mass	Dr.Biplab Sarkar	INDIAN INSTITUTE OF AGRICULTURAL BIOTECHNOLOGY	Indian Institute of Agricultural Biotechnology ,IINRG,PDU Campus,	1. Dr. Biplab Sarkar INDIAN INSTITUTE OF AGRICULTURAL BIOTECHNOLOGY	1. Dr. SANJAY KUMAR GUPTA ICAR IIAB	biplab_puru@yahoo.co.in	9730661230	3 Years and 0 Months	7870280

		scale application in rice-fallow system and carp culture in eastern region of India			Namkum, Ranchi - 834010. Namkum Jharkhand(834010)	Indian Institute of Agricultural Biotechnology ,IINRG,PDU Campus, Namkum, Ranchi - 834010. Namkum Jharkhand(834010)	IINGR campus, PD unit, namkum, Ranchi Ranchi Jharkhand(834010)				
						<p>1. Dr. Sushanta Kumar Naik</p> <p>ICAR RESEARCH COMPLEX FOR EASTERN REGION ICAR-RCER, FSRC for HP Region, Plandu, Ranchi Ranchi Jharkhand(834010)</p>	<p>2. Dr. Sudarshan Maurya</p> <p>ICAR RESEARCH COMPLEX FOR EASTERN REGION S-29/241 A-K, Shivpur, Varanasi, UP Varanasi Uttar Pradesh(221003)</p> <p>3. Dr. SUJIT KUMAR BISHI</p> <p>ICAR IIAB ICAR-IIAB, NAMKUM Ranchi Jharkhand(834010)</p>				
111	37349	Decontamination of Fresh-Cut	Dr.Umesh Uttamrao Jadhav	SAVITRIBAI PHULE PUNE UNIVERSITY	Savitribai Phule Pune University,Ga	1. Dr. Umesh Uttamrao Jadhav SAVITRIBAI PHULE	1. Dr. Habib Pathan SAVITRIBAI	ujadhav@unipune.ac.in	7218921018	5 Years and	15251000

		Produce Using Photo-Active Carbon Nanoparticles			neshkhind, Pune, Maharashtra 411007 Pune Maharashtra(411007)	PUNE UNIVERSITY Department of Microbiology, Savitribai Phule Pune University, Ganeshkhind, Pune, Maharashtra 411007 Pune Maharashtra(411007)	PHUE PUNE UNIVERSITY Department of Physics, Savitribai Phule Pune University Pune Maharashtra(411007) 2. Dr. Shweta Jagtap SAVITRIBAI PHUE PUNE UNIVERSITY Department of Instrumentation Science, Savitribai Phule Pune University Pune Maharashtra(411007)			0 Months	
112	37212	Synthesis of biocompatible nitrogen and micronutrient doped-hydroxyapatite nanoparticle fertilizer for	Dr.Udit	TERI UNIVERSITY	Plot No. 10, Institutional Area, Vasant Kunj, New Delhi, Delhi 110070 New Delhi(110070)	1. Dr. Udit Soni TERI UNIVERSITY Plot No. 10, Institutional Area, Vasant Kunj, New Delhi, Delhi 110070	1. Dr. Manoj Shrivastava ICAR Room No. 112, NRL Building Centre for Environment Science and Climate Resilient	uditsoni.iitd@gmail.com	9711269962	3 Years and 0 Months	4034920

		slow release of crop nutrient and release.....					Agriculture, ICAR-Indian Agricultural Research Institute New Delhi New Delhi Delhi(110070)				
113	35106	Phyto-Nanoformul ary for Enhanced Degradation of Mycotoxins and its Utility in Producing Residue Free Broiler Chickens	Dr.KG TIRUMURUGAN	TAMIL NADU VETERINARY AND ANIMAL SCIENCES UNIVERSITY	Tamil Nadu Veterinary and Animal Sciences University, Madhavaram Milk Colony, Chennai Chennai Tamilnadu(600051)	1. Dr. KG TIRUMURUGAAN TAMIL NADU VETERINARY AND ANIMAL SCIENCES UNIVERSITY Tamil Nadu Veterinary and Animal Sciences University, Madhavaram Milk Colony, Chennai Chennai Tamilnadu(600051)	1. Dr. Ghadevaru Sarathchandra TAMIL NADU VETERINARY AND ANIMAL SCIENCES UNIVERSITY Faculty of Basic Sciences, MVC Campus, Chennai-07 Chennai Tamilnadu(621704) 2. Dr. P Raja TAMIL NADU VETERINARY AND ANIMAL SCIENCES UNIVERSITY Department of Animal Biotechnology, Faculty of	tirumurugaan.k.g@tanuvas.ac.in	9940534047	3 Years and 0 Months	6941550

							Basic Sciences, Madras Veterinary College Campus, TANUVAS, Chennai-07 Ariyalur Tamilnadu(600 007)				
11 4	37 35 4	Controlled release formulation of nanomateria l encapsulate d tricyclazole and hexaconazol e: Next generation fungicide for the agriculture sector	Dr.Nitai Debnath	AMITY UNIVERSITY HARYANA	Amity Education Valley Panchgaon (Manesar) Manesar Haryana(1224 13)	1. Dr. Anirban Dutta IARI ICAR-Indian Agricultural Research Institute, Pusa Campus, New Delhi Delhi Delhi(110012) 1. Dr. Nitai Debnath AMITY UNIVERSITY HARYANA Amity University Haryana Manesar (Panchgaon) Manesar	1. Dr. Sumistha Das AMITY UNIVERSITY HARYANA Amity University Haryana Manesar Panchgaon Gurgaon Manesar Haryana(1224 13) 2. Dr. Tirthankar Banerjee IARI ICAR- Indian Agricultural Research Institute, New Delhi Delhi	nitai.debnath@gmail.c om	88002 75382	3 Year s and 0 Mon ths	94353 92

						Haryana(122413) 2. Dr. Nitai Debnath AMITY UNIVERSITY HARYANA Amity University Haryana Manesar (Panchgaon) Manesar Haryana(122413)	Delhi(110012)				
115	34914	Exploring innovative potential of nanoprimer technology for the enhancement of seed vigor index SVI in major crop plants for improving agriculture production	Dr.Mahima Kaushik	UNIVERSITY OF DELHI	University Road, New Delhi Delhi(110007)	1. Dr. Mahima Kaushik UNIVERSITY OF DELHI University Road, Delhi University Stadium, New Delhi Delhi Delhi(110007)	1. Dr. Pradeep Singh PGDAV COLLEGE ,UNIVERSITY OF DELHI PGDAV college, Nehru Nagar, Lajpat Nagar, New Delhi - 110065 New Delhi Delhi(110065)	kaushikmahima2011@gmail.com	9873036375	3 Years and 0 Months	3904032
116	37186	Biosynthesis of copper nanoparticles from electroplating industry effluents using indigenous biocontrol agents and	Dr.P Ponmurugan	BHARATHIAR UNIVERSITY	Bharathiar University, Coimbatore 641 046, Tamil Nadu coimbatore Tamilnadu(641046)	1. Dr. P Ponmurugan BHARATHIAR UNIVERSITY Bharathiar University, Coimbatore 641 046, Tamil Nadu coimbatore Tamilnadu(641046)	1. Dr. Chinnuswamy Viswanathan BHARATHIAR UNIVERSITY Marudhamalai Road, Coimbatore Coimbatore Tamilnadu(641	drponmurugan@gmail.com	9865857816	3 Years and 0 Months	3500000

		their evaluation against rhizome rot of turmeric					046) 2. Dr. K M Saradhadevi BHARATHIAR UNIVERSITY Marudhamalai Road Coimbatore Coimbatore Tamilnadu(641 046) 3. Dr. Saminathan Kulandaivel KONGUNADU ARTS AND SCIENCE COLLEGE Dr. K. Saminathan Assistant Professor Department of Chemistry Kongunadu Arts and Science College Coimbatore - 641 029 Tamil nadu. Coimbatore Tamilnadu(641 029)				
11	35	Enhanceme	Dr.AXAY	CCS	CCS Haryana	1. Dr. AXAY BHUKER	1. Dr. Virender	bhuker.axay@gmail.co	98123	3	26160

7	10 2	nt of seed quality and storability through nanoparticles in onion and cotton	KUMAR	HARYANA AGRICULTURE UNIVERSITY	Agriculture University, Hisar, Haryana Hisar Haryana(125004)	CCS HARYANA AGRICULTURE UNIVERSITY CCS Haryana Agriculture University, Hisar, Haryana Hisar Haryana(125004)	Singh Mor CHOUDHARY CHARAN SINGH HARYANA AGRICULTURAL UNIVERSITY 9/4, Old Campus, CCS, HAU, Hisar-125004 Hisar Haryana(125004)	m	75695	Years and 0 Months	00
118	34568	Exploring medicinal plant extract mediated green synthesis of copper and silver nanoparticles in managing diseases of economically important horticultural crops	Dr.Sunita Chandel	DR Y. S. PARMAR UNIVERSITY OF HORTICULTURE AND FORESTRY	Dr Y. S. Parmar university of Horticulture and Forestry, Nauni, Solan, HP, 173230, India Nauni Solan Himachal Pradesh(173230)	1. Dr. Sunita Chandel DR Y. S. PARMAR UNIVERSITY OF HORTICULTURE AND FORESTRY Dr Y. S. Parmar university of Horticulture and Forestry, Nauni, Solan, HP, 173230, India Nauni Solan Himachal Pradesh(173230)	1. Dr. H R Gautam YSP UNIVERSITY OF HORTICULTURE FORESTRY Dept. of Plant Pathology, UHF, Nauni, Solan (H.P) Solan Himachal Pradesh(173230) 2. Dr. Savita Jandaik YSP UNIVERSITY	schandelmp@yahooco.in	9418175462	3 Years and 6 Months	5215000

							OF HORTICULTURE FORESTRY Dept. of Plant Pathology Solani Himachal Pradesh(173230)				
119	35122	Bio-fabricated copper nanoparticles using Panchagavya against White Spot Syndrome Virus WSSV of Penaeus vannamei shrimp.	Dr.R Babujanarthanam	THIRUVALLUVAR UNIVERSITY	DEPARTMENT OF BIOTECHNOLOGY THIRUVALLUVAR UNIVERSITY SERKKADU VELLORE 632115 Tamilnadu(632115)	1. Dr. R Babujanarthanam THIRUVALLUVAR UNIVERSITY DEPARTMENT OF BIOTECHNOLOGY THIRUVALLUVAR UNIVERSITY SERKKADU VELLORE 632115 Tamilnadu(632115)	1. Dr. A Rajasekar THIRUVALLUVAR UNIVERSITY Srekkadu, Vellore Serkkadu Tamilnadu(632115)	babukmg@gmail.com	9787919191	3 Years and 0 Months	4627700
120	35138	Development of Paper-based ELISA Tests for Rapid Detection of Aflatoxin B1 in Tea Samples with Enhanced Analytical Performance	Mr.Hemant Sankar Dutta	CSIR NORTH EAST INSTITUTE OF SCIENCE AND TECHNOLOGY	NH 37, Pulibor, Jorhat, Assam 785006 Jorhat Assam(785006)	1. Mr. Hemant Sankar Dutta CSIR NORTH EAST INSTITUTE OF SCIENCE AND TECHNOLOGY NH 37, Pulibor, Jorhat Jorhat Assam(785006)	1. Mr. Dipankar Neog CSIR NORTH EAST INSTITUTE OF SCIENCE AND TECHNOLOGY CSIR-NEIST Jorhat, Assam Jorhat Assam(785006)	hsdutta@neist.res.in	7597585991	3 Years and 0 Months	5515664

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**2. Dr. Jyoti
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**3. Dr. Manash
Ranjan Das**

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Materials
Sciences and
Technology
Division, CSIR-
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**4. Dr. Rinku
Baishya**

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							CSIR-NEIST Jorhat, Assam Jorhat Assam(785006)				
12 1	35 14 8	GREEN SYNTHESIS OF SILVER NANOPARTI CLES USING PLECTRANT HUS BARBATUS AND KLEINIA GRANDIFLO RA AS A NOVEL BIO RESOURCE AND EVALUATIO N OF THEIR BIOLOGICAL ACTIVITIES.	Dr.kuppusany Selvam	PERIYAR UNIVERSITY	Periyar Palkalai Nagar Periyar University Salem Tamilnadu(63 6011)	1. Dr. kuppusany Selvam PERIYAR UNIVERSITY Periyar Palkalai Nagar Periyar University Salem Tamilnadu(636011)	1. Dr. S SENTHIL NATHAN NO Environmental science, School of Life Sciences Manonmania m Sundaranar University, Alwarkurichi 627 412, Tamil Nadu, India. Alwarkurichi Tamilnadu(627 012)	selsaratbot@gmail.co m	86955 78111	3 Year s and 6 Mon ths	99385 00
12 2	35 10 9	Perspectives of the nano- fertilizers to enhance the fertilizer use efficiency for sustainable crop production	Dr.Rita Dahiya	CHOUHARY CHARAN SINGH HARYANA AGRICULTUR AL UNIVERSITY	NEAR JWAHAR NAGAR, ON RAJGHAD ROAD , HISAR HISAR Haryana(1250 04)	1. Dr. Rita Dahiya CHOUHARY CHARAN SINGH HARYANA AGRICULTURAL UNIVERSITY NEAR JWAHAR NAGAR, ON RAJGHAD ROAD , HISAR HISAR Haryana(125004)	1. Dr. Anushree CCSHAU,HISAR Department of Chemistry, CCS HAU Hisar Hisar Haryana(1250	ritajbd@yahoo.com	98961 74050	3 Year s and 0 Mon ths	46460 00

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**2. Dr. Kiran
Jeet**

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AGRICULTURA
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Electron
Microscopy
and
Nanoscience
Lab
Department of
Soil Science,
College of
Agriculture
Punjab
Agriculture
University,
Ludhiana
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**3. Dr. P S
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CCSHAU,HISAR
Department of
soil Science,
College of
Agriculture,
CCSHAU Hisar
Hisar
Haryana(1250
04)

**4. Dr. Vinay
Kumar**

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							CCSHAU,HISAR Department of Physics, COBSampH, CCS HAU Hisar Hisar Haryana(1250 04)				
12 3	34 64 3	Life cycle assessment, chemo dynamics, bio-safety and eco- toxicology of Nanopermet hrin, a novel nano- pesticide for the control of vector mosquitoes in a rice model ecosystem	Dr.N Chandrasekar an	VIT UNIVERSITY	Tiruvallam Road Katpadi Vellore Katpadi Tamilnadu(63 2014)	1. Dr. DOYELI SANYAL THE ENERGY AND RESOURCES INSTITUTE (TERI) IHC, LODHI ROAD, NEW DELHI NEW DELHI Delhi(110003) 1. Dr. Natarajan Chandrasekaran VIT UNIVERSITY Prof. Dr. Natarajan Chandrasekaran Sr. Professor Centre for Nanobiotechnology VIT [Deemed to be University] Vellore 632014 Tamil Nadu	1. Dr. Amitava Mukherjee VELLORE INSTITUTE OF TECHNOLOGY VIT CENTRE FOR NANOBIOTECH NOLOGY VELLORE Tamilnadu(632 014) 2. Dr. Ratul Kumar Das THE ENERGY AND RESOURCES INSTITUTE (TERI) The Energy and Resources Institute (TERI) Darbari Seth Block, IHC Complex, Lodhi Road, New Delhi -	nchandra40@hotmail. com	94424 05757	3 Year s and 0 Mon ths	10492 000

							110 003, INDIA Tel: (+91 11) 2468 2100 Fax: (+91 11) 2468 2144, 2468 2145 Email: mailbox@teri.r es.in Indian Habitat Centre Delhi(110003)				
12 4	34 56 1	Synthesis, characteriza tion and efficiency of novel nano K fertilizer formulations from Indian K minerals	Dr.Nintu Mandal	BIHAR AGRICULTUR AL UNIVERSITY, SABOUR	Department of Horticulture (Vegetable and Floriculture), Bihar Agricultural College, BAU, Sabour Sabour Bihar(813210)	1. Dr. Nintu Mandal BIHAR AGRICULTURAL UNIVERSITY, SABOUR Department of Soil Science and Agricultural Chemistry, Bihar Agricultural College, BAU, Sabour Sabour Bihar(813210)	1. Dr. Abir Dey INDIAN AGRICULTURA L RESEARCH INSTITUTE Division of Soil Science and Agricultural Chemistry ICAR-Indian Agricultural Research Institute, New Delhi-110012 New Delhi Delhi(110012) 2. Dr. Rajiv Rakshit BIHAR AGRICULTURA L UNIVERSITY	nintumandal@gmail.c om	86778 24066	3 Year s and 0 Mon ths	11563 000

							Dept. of Soil Science and Agricultural Chemistry, Bihar Agricultural College, Sabour, Bhagalpur, Bihar Coochbehar West Bengal(813210)				
125	34872	Design and Development of IoT based prototypes for AI enabled Agricultural Decision making system	Dr.Jeyalaskah mi V	ANNA UNIVERSITY ,CHENNAI 25	Anna University, Guindy campus, Ssardar patal road, chennai-25 guindy campus Tamilnadu(600025)	1. Dr. Jeyalakshmi V ANNA UNIVERSITY ,CHENNAI 25 Anna University, Guindy campus, Ssardar patal road, chennai-25 guindy campus Tamilnadu(600025) 2. Dr. S Muttan ANNA UNIVERSITY ,CHENNAI 25 Anna University, Guindy Campus Chennai Tamilnadu(600025)	NA	jpjeya@gmail.com	9965391099	3 Years and 0 Months	19160000
126	34404	Biocompatible metal nanoparticle	Prof.Ansuman Chattopadhyay	VISVA BHARATI (A CENTRAL	Santiniketan Santiniketan West	1. Prof. Ansuman Chattopadhyay	1. Prof. Pranesh Chowdhury	chansuman1@gmail.com	9547997026	3 Years and	11078490

		s as promising growth inducer of commercially important carps inclusive impact assessment on surrounding ecosystem		UNIVERSITY)	Bengal(731235)	VISVA BHARATI (A CENTRAL UNIVERSITY) Department of Zoology, Visva-Bharati, Santiniketan Santiniketan West Bengal(731235) 2. Dr. Satya Sundar Bhattacharya TEZPUR UNIVERSITY Department of Environmental Science, Tezpur University, Tezpur, Assam, India Tezpur Assam(784001)	VISVA BHARATI Department of Chemistry Siksha Bhavana Visva-Bharati Santiniketan West Bengal(731235)			0 Months	
127	34647	Effect of zinc oxide nanoparticles on a few indigenous rice (Oryza sativa L.) varieties of West Bengal	Dr.Nilanjana Das	VISVA BHARATI	Visva-Bharati Santiniketan 731235 West Bengal Santiniketan West Bengal(731235)	1. Dr. Nilanjana Das VISVA BHARATI Visva-Bharati Santiniketan 731235 West Bengal	1. Dr. Chandan Kumar Jana PURASH KANPUR HARIDAS NANDI MAHAVIDYALAYA Purash-Kanpur Haridas Nandi Mahavidyalaya , P.O. Kanpur,	nilanjana.das@visva-bharati.ac.in	9433448862	3 Years and 0 Months	4441735

						Santiniketan West Bengal(731235)	Howrah, West Bengal 711410 Kolkata West Bengal(711410)				
128	34496	Synthesis of pH Sensitive Smart Polymeric Hydrogel for Targeted/Controlled release of Agrochemical	Dr.PE Jagadeesh Babu	NATIONAL INSTITUTE OF TECHNOLOGY KARNATAKA, SURATHKAL	Srinivasanagar, Mangalore Mangalore Karnataka(575025)	1. Dr. PE Jagadeesh Babu NATIONAL INSTITUTE OF TECHNOLOGY KARNATAKA, SURATHKAL Srinivasanagar, Mangalore Mangalore Karnataka(575025)	1. Dr. Rajmohan B NATIONAL INSTITUTE OF TECHNOLOGY KARNATAKA Srinivasanagar, Surathkal Mangalore Karnataka(575025)	jagadeesh_78@yahoo.com	9632896086	3 Years and 0 Months	4779060
129	34250	Bio-based Superabsorbent Polymer Nanocomposites for Agricultural Application	Prof.Niranjan Karak	TEZPUR UNIVERSITY	TEZPUR UNIVERSITY, NAPAAM, TEZPUR, DIST-SONTIPRUR, ASSAM Tezpur Assam(784028)	1. Prof. Niranjan Karak TEZPUR UNIVERSITY TEZPUR UNIVERSITY, NAPAAM, TEZPUR, DIST-SONTIPRUR, ASSAM Tezpur	1. Dr. SATYA SUNDAR BHATTACHARYA TEZPUR UNIVERSITY DEPARTMENT OF ENVIRONMENTAL SCIENCE TEZPUR UNIVERSITY NAPAAM, ASSAM, INDIA, 784 028. Tezpur	karakniranjan@gmail.com	9401837065	3 Years and 0 Months	9928000

						Assam(784028)	Assam(784028))			
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