

**PANDIT JAWAHARLAL NEHRU COLLEGE OF AGRICULTURE & RESEARCH INSTITUTE  
KARAIKAL-609 603**



**EXTERNALLY FUNDED RESEARCH PROJECTS**

### Department Agronomy

Sl.No.	Number assigned	Name of the project	Funding agency	PI/CO-PI	Budget (Rs in Lakhs)	Status	Remarks
1	PJN/EP/AGR/2016/001	Studies on the evaluation of System of Ragi Intensification (SRgl)	All India Co-ordinated Small Millets, Co-operating centre, Bangalore. (AICSMIP)	Dr.AL.Narayanan Professor Principal Investigator	1.45	Ongoing	Voluntary centre
2	PJN/EP/AGR/2016/002	Gramin Krishi Mausam Sewa (GKMS): Agro meteorological Field Unit (AMFU)	India Meteorological Department, MoES, New Delhi	Dr.AL.Narayanan Professor Principal Investigator	34.97	Ongoing	Regular centre
3	PJN/EP/AGR/2017/003	Evaluation of cultivars for weed competitiveness under aerobic rice (un-puddled condition)	ICAR- Indian Institute of Rice, Research, Hyderabad	Dr. V. Chellamuthu Co-operator	1.06	Ongoing	Voluntary centre
4	PJN/EP/AGR/2017/004	Ecofriendly green synthesis of nano particles from medicinal weed and its application in agriculture	DSTE, Puducherry	Dr. P. Saravanane Principal Investigator	0.62	Completed	-
5	PJN/EP/AGR/2017/005	AICRP (Weed Management)	ICAR- Directorate Weed Research, Jabalpur	Dr. P. Saravanane Principal Investigator	1.29	Ongoing	Voluntary centre
6	PJN/EP/AGR/2017/006	Conduct of Experiments of AICRP-FCU	AICRP_FCU, IGFR (ICAR), Jhansi, UP	Dr. S. Mala In-charge	1.45	Ongoing	Voluntary centre

### Department of Agricultural Economics

Sl. No.	Project No.	Name of the project	Funding agency	PI/CO-PI	Budget (Rs in Lakhs)	Status	Remarks
1	PJN/EP/AEC/2018/001	Socio Economic Impact of Farm Mechanization on Agricultural Labour in Cauvery Delta of Tamil Nadu and U.T. of Pudukkottai	Indian Council of Social Science Research, New Delhi	Dr. A. Pouchepparadjou Professor Project Director  Mr. C. Aroutselvam Assistant Professor Co-Project Director	4.00	Completed	
2	PJN/EP/AEC/2018/002	Market-led Extension through ICT based interventions	Ministry of Agriculture and Farmers Welfare, New Delhi	Dr. A. Shaik Allaudin Professor (AEX)  Dr. A. Pouchepparadjou Professor (AEC) Project Directors	3.13	Completed	

### Department of Agricultural Entomology

Sl. No.	Project No.	Name of the project	Funding agency	PI/CO-PI	Budget (Rs in Lakhs)	Status	Remarks
1	PJN/EP/AEN/2016/001	AICRIP-Entomology	ICAR-IIRR, Rajendranagar	Dr. K. Kumar, Professor & Head Principal Investigator  Dr. M. Kandibane, Assistant Professor Co-Principal Investigator	1.25	Ongoing	Voluntary centre
2	PJN/EP/AEN/2017/002	Evaluation of LG 1 insecticide in rice, onion and brinjal during 2016	Sulphur Nills Ltd., Mumbai	Dr. M. Kandibane, Assistant Professor Principal Investigator  Dr. K. Kumar, Professor & Head Co-Principal Investigator	6.24	Completed	
3	PJN/EP/AEN/2017/003	Evaluation of Dinotefuron 20 SG in rice and cotton and Pymetrozine 50 WG in rice during 2016	Bhagiradha Chemicals Industries Ltd., Hyderabad	Dr. K. Kumar, Professor & Head Co-Principal Investigator	5.00	Completed	
4	PJN/EP/AEN/2017/004	Evaluation of DVA-I-001 insecticide in rice and cotton during 2016 and 2017	DVA India Chemicals Pvt. Ltd., Mumbai		7.04	Completed	

### Department of Plant Breeding and Genetics

Sl. No.	Project No.	Name of the project	Funding agency	PI/CO-PI	Budget (Rs in Lakhs)	Status	Remarks
1	PJN/EP/PBG/2017/001	From QTL to variety : marker assisted breeding of abiotic stress tolerant rice varieties with major QTLs for drought, submergence and salt tolerances. (DBT-IRRI Network Project)	DBT, Govt. of India	Dr. S. Thirumeni Dr. K.Paramasivam Dr. S. Nadarajan	79.08	Completed	
2	PJN/EP/PBG/2017/002	Stress tolerant rice for poor farmers of Africa and South Asia (STRASA) Phase 3	Bill and Melinda Gates Foundation (BMGF) through IRRI, Phillipines	Dr. S. Thirumeni	2000 USD/yr	Ongoing	
3	PJN/EP/PBG/2017/003	DNA Fingerprinting of crop varieties and hybrids	Ministry of Agriculture & Cooperation, Govt. of India, New Delhi	Dr. S. Thirumeni	25.00	Completed	
4	PJN/EP/PBG/2017/004	Breeding trials of AICRP-Small Millets	AICRP-Small Millets, ICAR, Bengaluru	Dr. V. Vengadessan	0.70	Ongoing	Voluntary centre
5	PJN/EP/PBG/2017/005	Conduct of Plant Breeding trials of AICRIP, IIRR	IIRR, Hyderabad	Dr. V. Krishnan	2.00	Ongoing	Voluntary centre
6	New	Strengthening of existing Tissue culture lab	National Horticulture Mission of UT of Puducherry	Dr. V. Krishnan Dr.S. Nadaradjan Ms.D. Umamaheswari	20.00	Ongoing	
7	New	From QTL to variety : Genomics assisted Introgression of field evaluation of rice varieties with genes / QTLs for yield under drought, flood and salt stress	DBT, Govt. of India	Dr. S. Thirumeni Dr. K.Paramasivam Dr. S. Nadarajan	58.50	Ongoing	

## Seed Science and Technology Unit

Department of Plant Breeding and Genetics

Sl. No.	Project No.	Name of the project	Funding agency	PI/CO-PI	Budget (Rs in Lakhs)	Status	Remarks
1	PJN/EP/SST/2016/001	ICAR-AICRP-National Seed Project (Crops)-Seed Technology Research (STR) Expts.	ICAR-Indian Institute of Seed Science, Mau, UP	Dr.T. Ramanadane Professor Nodal Officer	58.55	Ongoing	Regular centre of ICAR
2	PJN/EP/SST/2016/002	ICAR Seed Project : Seed Production in Agricultural Crops	ICAR-Indian Institute of Seed Science, Mau, UP		82.75	Ongoing	Regular centre of ICAR
3	PJN/EP/SST/2017/003	Construction of Seed storage godown for strengthening seed production programme at PAJANCOA & RI, Karaikal, Puducherry (UT)	Department of Agriculture, Cooperation and Farmers Welfare, Ministry of Agriculture and Farmers Welfare, Govt. of India, New Delhi, under CSS on SMSP under NMEAT	Dr.T. Ramanadane Professor Principal Investigator and Dr. P. Pandian Professor Co-Principal Investigator	52.50	Ongoing	
4	PJN/EP/SST/2017/004	<i>"Studies on the Agrinos VAM (Mycorrhiza) for higher yield in Rice"</i>	AGRINOS Pvt. Ltd., New Delhi	Dr. T. Ramanadane, Principal Investigator and Dr. R. Poonguzhalan, Co-Principal Investigator	1.00	Ongoing	
5	PJN/EP/SST/2018/005	Strengthening of GOT facilities at PAJANCOA & RI, Karaikal, Puducherry (UT)	DAC&FW, GOI under CSS on SMSP under NMEAT	Dr.T. Ramanadane Professor Project Leader	12.00	Ongoing	

**Seed Science and Technology Unit**  
**Department of Plant Breeding and Genetics**

Sl. No.	Project No.	Name of the project	Funding agency	PI/CO-PI	Budget (Rs in Lakhs)	Status	Remarks
6	PJN/EP/SST/2019/006	Seed Village Scheme	Department of Agriculture, Cooperation and Farmers Welfare, Ministry of Agriculture and Farmers Welfare, Govt. of India, New Delhi, under CSS on SMSP under NMEAT	Dr.T. Ramanadane Professor Project Leader	1.08	Ongoing	
7	-	Establishment of Seed Processing cum storage Unit at PAJANCOA & RI, Karaikal	Department of Agriculture, Cooperation and Farmers Welfare, Ministry of Agriculture and Farmers Welfare, Govt. of India, New Delhi Under Central Sector Scheme		34.00	Completed	
8	-	Strengthening of Seed Technology Lab at PAJANCOA & RI, Karaikal			10.00	Completed	
9	-	Implementation of Seed Village Scheme for Blackgram at Karaikal region			0.33	Completed	
10	-	Implementation of Seed Village Scheme for Blackgram at Karaikal region			0.30	Completed	

**Crop Physiology Unit**  
**Department of Plant Breeding and Genetics**

Sl. No.	Project No.	Name of the project	Funding agency	PI/CO-PI	Budget (Rs in Lakhs)	Status	Remarks
1	PJN/EP/CRP/2017/001	Conduct of Plant Physiology Trials of AICRIP, ICAR-IIRR	ICAR-IIRR, Hyderabad	Dr. S. Nadaradjan, Assistant Professor	1.45	Ongoing	Voluntary
2	New	Studies on ceedrice on Physiological and yield parameters in rice	Tropical Agro Services (India) Oct. Ltd., Chennai		0.75	Ongoing	

**Department of Horticulture**

Sl. No.	Project No.	Name of the project	Funding agency	PI/CO-PI	Budget (Rs in Lakhs)	Status	Remarks
1	PJN/EP/HOR/2016/001	ICAR-AICRP on Vegetables (AICVIP) i. Varietal hybrid trial evaluation in vegetables ii. Studies on INM in bottlegourd iii. Effect of mulching on yield and quality in chilli	ICAR-IIVR, Varanasi	Dr. V. Kanthaswamy Professor	15.71	Ongoing	Voluntary centre
2	PJN/EP/HOR/2016/002	Training to the farmers on Production, Post Harvest Management and Processing of Major Tropical Fruits	National Horticulture Mission of UT of Puducherry	Dr. V. Sundaram, Professor PI Dr. M.S. Marichamy Co-PI	2.10	Completed	
3	New	Establishment of Model Horticulture Nursery		Dr. J. Sherley Assistant Professor	15.00	Completed	



### Department of Plant Pathology

Sl. No.	Project No.	Name of the project	Funding agency	PI/CO-PI	Budget (Rs in Lakhs)	Status	Remarks
1	PJN/EP/PAT/2017/001	Evaluation of various fungicide molecules of M/s Sulphur Mills Pvt. Ltd., Mumbai on the management of diseases of various crops	M/s Sulphur Mills Pvt. Ltd., Mumbai	Dr. C. Rettinassababady PI Dr. C. Jeyalakshmi Co-PI- I Dr. M.Kandibane Co-PI-II	10.00	Completed	
2	PJN/EP/PAT/2017/002	Evaluation of fungicide molecules of M/s Coromandal Agrico Pvt. Ltd., Mumbai for the management of diseases of Chillies and Groundnut	M/s Coromandal Agrico Pvt. Ltd., Mumbai	Dr. C. Rettinassababady PI Dr. C. Jeyalakshmi Co-PI- I	4.50	Not undertaken	Returned

### Department of Soil Science and Agrl. Chemistry

Sl. No.	Project No.	Name of the project	Funding agency	PI/CO-PI	Budget (Rs in Lakhs)	Status	Remarks
1	PJN/EP/SSAC/2017/001	Development and Validation of fertilizer prescription equation based on Soil Test Crop Response Studies (ICAR-AICRP-STCR)	ICAR- Indian Institute of Soil Science, Bhopal	Dr. U. Bagavathi Ammal Principal Investigator  Dr. R. Sankar Dr. A. Baskar Dr. K. Coumaravel Co-Principal Investigators	16.18	Ongoing	Voluntary centre

## Institutional Projects

### Department of Agronomy

Sl. No.	Project No.	Name of the project	Funding agency	PI/CO-PI	Status	Remarks
1	PJN/IP/AGR/2017/001	Optimization of fertilizer levels for the salt tolerant rice cultures	PAJANCOA & RI	Dr. V. Sridevi and Dr. R. Poonguzhalan	Ongoing	

### Department of Plant Breeding and Genetics

Sl. No.	Project No.	Name of the project	Funding agency	PI/CO-PI	Status	Remarks
1	PJN/IP/PBG/2017/001	Evolution of Medium & Long Duration rice varieties suitable for U.T. of Pondicherry	PAJANCOA & RI, Karaikal	Dr. S. Thirumeni, Professor Principal Investigator	Ongoing	
2	PJN/IP/PBG/2017/002	Evolution of rice varieties suitable for coastal saline areas of U.T. of Pondicherry	PAJANCOA & RI, Karaikal	Dr. S. Thirumeni, Professor Principal Investigator	Ongoing	
3	PJN/IP/SST/2017/001	Quality seed production of Short duration paddy varieties	PAJANCOA & RI, Karaikal	Dr. P. Pandian Professor (SST)	Ongoing	
4	PJN/IP/PBG/2018/003	Improvement of Chinna Ponna, a local variety of Puducherry region	PAJANCOA & RI, Karaikal	Mrs. D. Umamaheshwari Asst. Professor and Dr. V. Vengadessan Asst. Professor	Ongoing	