

**PROCEEDINGS OF THE 5th SCIENTIST MEET OF AGRICULTURAL ECONOMICS
AND AGRICULTURAL EXTENSION HELD ON 9.5.2017 and 10.5.2017**

Fifth Scientist meet of Agricultural Economics and Agricultural Extension, 2017 was held during 9.5.2017 and 10.05.2017 at TNAU, Coimbatore under the Chairmanship of Dr.K.Ramasamy, Vice-Chancellor, TNAU, Coimbatore.

On 9.05.2017 by 9.30 AM, review of the University Research Projects (URP) and Externally Funded Projects combining all the disciplines viz., Agricultural Economics, Agricultural Extension and Rural Sociology, Agricultural and Rural Management, and Trade and Intellectual Property under the Directorate of CARDS was taken up by Dr. M. Chinnadurai, Director of CARDS. The review was assisted by the Professor and Heads of respective departments. The review meeting began with an introduction by Dr. M. Chinnadurai, Director of CARDS who narrated the status of research projects under CARDS and the expectations of the University. Dr.K.Mani, Prof. and Head, Dept. of Agrl. Economics, TNAU, Coimbatore made a presentation on the action taken on the recommendations made during the last meet, progress made under various themes and the action plan formulated for 2017-18.

Followed by his presentation, Dr.P.P.Murugan, Professor and Head, Dept. of Agrl. Extension and Rural Sociology, AC&RI, Madurai, Dr.K.Mahendran, Professor and Head, Dept. of Agrl. and Rural Management, Dr.T.Alagumani, Professor and Head, Dept.of Trade and Intellectual Property made a presentation on the action taken on the recommendations made during the last meet, progress made under various themes and the action plan formulated for 2017-18. Suggestions were made by the Director, CARDS to modify the presentations highlighting the themes and the actions taken accordingly.

On 10.05.2017, the meet was organized at Seminar Hall I of RI Building and presided over by The Registrar, Director of Research, Director, CARDS, Professor and Heads of all departments under CARDS and scientists were participated. The welcome address was given by the Director, CARDS.

Dr.K.Mani, Prof & Head (Agrl. Economics), Dr.P.P.Murugan, Prof & Head (Agrl.Extn.), Dr.K.Mahendran, Prof & Head (ARM) and Dr.T.Alagumani, Prof & Head (TIP) made the presentations. The list of participants for the Agricultural Economics and Agricultural Extension Meet is appended.

Current Status of Research Programme

S.No.	Particulars	Completed	Ongoing	New	Total
A.	Agri. Economics				
	Coimbatore	12	8	-	20
	Madurai	2	2	-	4
	Trichy	1	4	-	5
	Killikulam	1	-	2	3
	Mettupalayam	-	1	-	1
	Ooty	-	1	-	1
	Sub Total	16	16	2	34
B.	Agri.Extension& Rural Sociology				
	Coimbatore	4	1	2	7
	Bhavanisagar	1	-	-	1
	Madurai	3	5	3	11
	Trichy	2	1	-	3
	Killikulam	1	2	-	3
	Periyakulam	-	1	-	1
	Thanjavur	-	1	-	1
	Aduthurai	-	1	-	1
	Athiyandal	-	2	-	2
	Mettupalayam	-	1	-	1
	Sub Total	11	15	5	31
C	Agricultural and Rural Management				
	Coimbatore	2	3	2	7
	Madurai	-	-	1	1
	Trichy	-	2	1	3
	Killikulam	-	2	-	2
	Mettupalayam	-	2	1	3
	Thanjavur	-	2	-	2
	Sub Total	2	11	5	18
D.	Trade and Intellectual Property	2	4	-	6
E	Language				
	Trichy	2	-	-	2
	Periyakulam	-	1	-	1
	Killikulam	-	1	-	1
	Grand Total	33	48	12	93

The remarks for individual projects (Completed and Ongoing) are as follows.

A. AGRICULTURAL ECONOMICS

A.1. Completed Projects

S.No.	Project No.&Title	Scientist(s)	Remarks
Theme I : Economics of Agricultural Production and Farm Planning			
1	NCAP/CARDS/CBE/AEC/2013/R007 Regional crop planning for Improving Resource Use efficiency and Sustainability in Tamil Nadu	Dr.M.Chinnadurai Dr.M.Chandrasekaran Dr. R.Balasubramaniam Dr.K.R.Karunakaran	The project period is over and the completion report to be submitted. Publications should be made from the report
2	GOI/CARDS/CBE/AEC/2014/R 011 Developing Guidelines and Methodologies for Socio-Economic Assessment of LMOs	Dr. K. R. Ashok, Dr. M. Chinnadurai	The project period is over and the completion report be submitted. Publications should be made from the report
3	CIMMYT/CARDS/CBE/AEC/2015/R013 Production Risks and Welfare Implications of Maize Hybrids on the Subsistence Farms of South India	Dr. A.Vidhyavathi Dr. R.Balasubramanian Dr.P.S.Srikanthamurthy Dr.V.Surjit	The project period is over and the completion report be submitted. Publications should be made from the report
4	CARDS/CBE/AEC/2016/003 Adoption and Spread of TNAU Varieties in Tamil Nadu	Dr.K.Chandran Dr.K.Mani	The project period is over and the completion report be submitted. Publications should be made from the report
5	CARDS/CBE/AEC/ 2016/004 A study on yield gap for major crops in Tamil Nadu	Dr.K.Mani Dr.K.Chandran	The project period is over and the completion report be submitted. Publications should be made from the report
6	CARDS/MDU/AEC/2014/003 An Economic Analysis of Yield Gap andSupply Chain Management and Public Private Participation in Pulses and Millets in Southern Tamil Nadu	Dr.A.Malaisamy	The project period is over and the completion report be submitted. Publications should be made from the report

Theme II: Agricultural Marketing and Price Analysis			
7.	NADP/CARDS/CBE/AEC/2016/R015 Price Forecasting and Development of Market Advisories to Interface With e-Resource Division of Agro Marketing Intelligence and Business Promotion Centre (AMI & BPC), Trichy	Dr. K M.Shivakumar Dr. S. Selvam Dr. A. Rohini Dr. M. Prahadeeswaran Dr. D. Murugananthi	The project period is over and the completion report be submitted. Publications should be made from the report
8.	GoTN/CARDS/CBE/AEC/1983/R002 An Economic Analysis of Little Millet Production and Opportunities for Value Chain Development in Tamil Nadu	Dr.S.Angles Dr.K.Mani	The project period is over and the completion report be submitted. Publications should be made from the report
9.	CARDS/CBE/AEC/2016/001 An Assessment on Performance of Regulated Markets for Reforming Agricultural Marketing in Tamil Nadu	Dr.K.Mani Dr.S.Angles	The project period is over and the completion report be submitted. Publications should be made from the report
10.	CARDS/TRY/AEC/2014/001 Value Chain analysis of Small Onion in Tamil Nadu	Dr.R.Parimalarangan	The project period is over and the completion report be submitted. Publications should be made from the report
11.	CARDS/MDU/AEC/2014/002 An Economic Analysis of Post-Harvest Losses of Major Vegetables in Madurai district	Dr.R.Rajesh	The project period is over and the completion report be submitted. Publications should be made from the report
Theme III : Natural Resource and Environmental Economics			
12.	ATREE/CARDS/CBE/AEC/2013/R005 Adapting to Climate Change in Urbanising Watersheds	Dr.D.Suresh Kumar Dr.P.Paramasivam Dr.M.Chinnadurai	The project period is over and the completion report be submitted. Publications should be made from the report
13.	AECRI/KKM/STA/2015/001 Application of change point analysis (CPA) to monthly Rainfall and Temperature over years in Tamil Nadu	Dr. Patil Santosh Ganapati	The project period is over and the completion report be submitted. Publications should be made from the report

Theme V: Impact Evaluation of Development Projects			
14.	NABARD/CARDS/CBE/AEC/2016/R014 Impact evaluation of RIDF Irrigation projects funded by NABARD in Tamil Nadu	M.Chinnadurai D.Suresh Kumar S.Varadharaj	The project period is over and the completion report be submitted. Publications should be made from the report
15.	NABARD/CARDS/CBE/AEC/2015/R012 Mid-course and impact evaluation of watershed projects implemented under WDF of NABARD in Tamil Nadu	Dr. M. Chinnadurai, Dr. S. MuraliGopal Dr. D. Suresh Kumar Dr. S. Varatha Raj Dr.P. Balasubramanian Dr. D. David Rajasekar Dr. J. S. Amarnath Dr.A. Sundar Dr. K. Mahandrakumar Dr.M. Ramasubramanian Dr. G. Selvarani	The project period is over and the completion report be submitted. Publications should be made from the report
Theme : VI Policy advocacy			
16.	SPC/CARDS/CBE/AEC/2013/R006 Preparation of perspective plans under State Balanced Growth Fund (SBGF) for Coimbatore district	Dr.M.Chinnadurai, Dr.K.R. Ashok Dr.S.Varadha Raj	The project period is over and the completion report be submitted. Publications should be made from the report

A.2. Ongoing Project

Theme I : Economics of Agricultural Production and Farm Planning			
17.	GOI/CARDS/CBE/AEC/1970/R001 Comprehensive Scheme for Studying the Cost of Cultivation of Principal Crops in Tamil Nadu	Dr.K.Mani Dr.K.Chandran Dr.S.Varadha Raj	Continuous scheme
18.	DBT/CARDS/CBE/AEC/2014/ R010 Socio-economic Research in the Cassava Biotechnology Research Network in India	Dr. K. R. Ashok, Dr. M. Thilagavathi Dr. S. Varadha Raj	Complete the project in time
19	CARDS/CBE/AEC/2016/002 A Study on Marketing of Organic Agricultural Products in Tamil Nadu	Dr.M.Anjugam Dr.T.Alagumani	Complete the project in time

20.	CARDS/TRY/AEC/2015/003 A Study on the Mango Economy, Gender Participation and the Impact of EFF Technology on Post Production Losses of Mango	Dr.C.Sekar	Complete the project in time
21.	CARDS/CBE/AEC/2017/003 An Economic inquiry into Farmers' knowledge, Perception and intensity of pesticide use in major vegetable cultivation of Tamil Nadu	Dr.M.Thilagavathi	Complete the project in time
22.	CARDS/CBE/AEC/2017/003 An Economic Analysis of Protected Vegetable Cultivation in Tamil Nadu	Dr.S.Angles	Complete the project in time
Theme II: Agricultural Marketing and Price Analysis			
23.	CARDS/MTP/AEC/2016/001 Value chain analysis of selected NWFP'S in Salem Forest Circle.	Dr.V.Karthick Dr.R.Revath Dr.P.Balaji	Complete the project in time
24.	CARDS/VVRAC/VVR/AEC/2016/010 Value Chain Analysis of Oilseeds in Tamil Nadu	Dr. N. Kiruthika	Complete the project in time
25.	CARDS/CBE/AEC/2017/001 Price Transmission, Causation and Vertical Integration in Pulses	Dr.K.M.Shivakumar	Complete the project in time
26.	TNFD/CARDS/ CBE/ AEC/ 2016/ R016 Market Potential of Treated Secondary Timbers Species in Erode, Nilgiris and Coimbatore Districts: Case Study Approach	Dr.S.Varadha Raj Dr.M.Chinnadurai Dr.M.Anjugam Dr. R.Revathi	Complete the project in time
27.	AECRI/MDU/STA/2016/001 Determinants of Food grains Production in Madurai District – A Statistical Analysis	Dr.K. Prabakaran	Methodology for the project has to be suitably modified for getting reliable funding. Complete the project in time.
28.	CARDS/OTY/AEC/2016/001 Price sharing formula and price realization by the small tea growers in Nilgiris district	Dr.K.N.Selvaraj	Complete the project in time

Theme IV: Agricultural Finance and Crop Insurance			
29	CARDS/TRY/AEC/2014/002 Issues and Problems in Crop Insurance Schemes in Cauvery Delta Zone of Tamil Nadu.	S. Gurunathan	Complete the project in time
30.	CARDS/MDU/AEC/2016/001 Performance of Crop Insurance Schemes in Madurai District	Dr.M. Prahadeeswaran	Data collection needs to be expedited and complete the project in time
Theme : VI Policy advocacy			
31.	NADP/CARDS/CBE/2016/R003 Preparation of District Agriculture Plan, State Agriculture Plan and State Agricultural Infrastructural Development Program	Dr. M. Chinnadurai Dr. R. Venkatram	Complete the project in time
32.	CARDS/ACTRY/TRY/AEC/2016/002 Comprehensive Scheme for District Agricultural Plan(C-Dap)	Dr.C.Sekar	Complete the project in time

B. AGRICULTURAL EXTENSION AND RURAL SOCIOLOGY

B.1. Completed Projects

S. No.	Project No and Project Title	Scientist	Remarks
Theme I: Monitoring, Adoption and Impact			
1.	ICAR-EM/CARDS/BSR/AEX/2016/R004 Diagnostic analysis on the seed supply chain and policy suggestions for quality improvement and management of paddy seeds of TNAU	Dr.J.VenkataPirabhu Dr.R.Jerlin Dr.D.Kavithamani Dr.S.Varadha Raj	The project period is over and the completion report be submitted. Publications should be made from the report
2.	ICAR-EM/HSCRI/MDU/HUD/2016/R005 Dissemination of NutriKnowledge among the Rural Women and Children for their Nutritional Security through Participatory Approaches in Madurai District of Tamil Nadu	Dr. A. Janaki Rani, Dr.V.VeerananArun Giridhari Dr. S. Amutha	The project period is over and the completion report be submitted. Publications should be made from the report

3.	CARDS/MDU/AEX/2015/007 Constraint Analysis of Jasmine (Madurai Malli) Growers through Participatory Approaches and Developing Strategies for Enhancing the Production in Madurai District of Tamil Nadu.	Dr. A. Janaki Rani	The project period is over and the completion report be submitted. Publications should be made from the report
4.	DST/CARDS/MDU/AEX/2013 /R001 Techno Economic Empowerment of Dry Land Farm Women For Livelihood Security Under Millets Based Ecosystem –Whole Farm Approach	Dr.J.Pushpa	The project period is over and the completion report be submitted. Publications should be made from the report
5.	CARDS/TRY/AEX/2015/009 Adoption level of Sustainable Sugarcane Initiative (SSI) in Tamil Nadu	Dr.D.Periyar Ramasamy Dr.B.Thiagarajan	The project period is over and the completion report be submitted. Publications should be made from the report
6.	CARDS/CBE/AEX/2016/001 Determinants of Adoption of Organic Farming Practices in different Agro-Climatic Zones of Tamil Nadu	Dr.R.Jansirani	The project period is over and the completion report be submitted. Publications should be made from the report
Theme II: Extension Research on ICT in Agriculture			
7.	ICAR/-EM/ CARDS/ CBE/AEX/2016/ R001 Developing a climate led extension module for the rice eco-system of Tamil Nadu	Dr.R.Arunachalam Dr.M.Asokhan Dr.Ravikumar Theodore Dr.S.Somasundaram	The project period is over and the completion report be submitted. Publications should be made from the report
8.	CARDS/TRY/AEX/ 2015/006 Development of Fertilizer Apps (F Apps) for well informed Decision Making among the farmers in Manikandam Block in Trichy District.	Dr. M. Kalpana Dr. D. Periyar Ramasamy Dr. D. Jayakumar	The project period is over and the completion report be submitted. Publications should be made from the report

Theme III. Agricultural education / Social change			
9	ICAR-EM/ CARDS/ CBE / EXT/2016/ R002 Assessment of Employability Skill Requirement of Agricultural Graduates	Dr. Shibi Sebastian	The project period is over and the completion report be submitted. Publications should be made from the report
Theme IV: Commodity Groups and FPOs			
10	ICAR-EM/ CARDS/ MDU/EXT/2016/ R005 “A Multi- Stakeholder analysis of Value Chain Management in Selected farmer Producer Companies (FPCs) in Tamil Nadu”(C31WX)	Dr. G.Selvarani	The project period is over and the completion report be submitted. Publications should be made from the report
Theme V: Gender Studies			
11.	UGC Project Promoting Women Entrepreneurship through Gender Analysis	Dr. R.Premavathi	The project period is over and the completion report be submitted. Publications should be made from the report

B.2. Ongoing Projects

Theme I: Monitoring, Adoption and Impact			
1.	DST/CARDS/MDU/EXT/2013/R003 Establishing Model Climate Responsive Villages and Dissemination of Climate Change Adaptation and Water Management Technologies through digital and folk media	Dr.M.Ramasubramanian Dr. R. V.Chelviramesh Dr. A. Gurusamy	Complete the project in time
2.	CARDS/KKM/AEX/2016/001 An analytical study on contribution of floriculture in the livelihood of farmers in Southern district of Tamil Nadu	Dr.S.NazreenHassan	Complete the project in time
3.	CARDS/KKM/AEX/2016/002 Palmyrah : A means for sustainable livelihood through value addition	Dr.S.R.Padma	Complete the project in time
4.	CARDS/TRY/AEX/2015/008 Enhancing the Livelihood of Tribal Women Through Technological Intervention of Trainings on Non Wood Forest Products.	Dr. P.Balasubramaniam	Complete the project in time

5.	CARDS/MDU/AEX/2014/002 Problems and Prospects of Adoption of Drip Irrigation System in Tamil Nadu	Dr.R.Velusamy	Complete the project in time
6.	CARDS/EKT/AEX/2016/001 Farmers Knowledge on Organic Farming in Thanjavur District of Tamil Nadu	Dr.S.Kalaivani	Complete the project in time
7.	CARDS/ADT/AEX/2015/011 Adoption pattern of agricultural technologies recommended by KVK to farmers and constraints faced during adoption	Dr.Ravikumar Theodore	Complete the project in time
8.	CARDS/ATL/AEX/2016/001 Assessing the reasons behind paradigm shift in cropping pattern and rapid decline of millet area over the years in Tamil Nadu	Dr.P.Jaisridhar	Complete the project in time
9.	CARDS/ATL/AEX/2014/001 A study on the Technological Needs and Production and Processing Constraints of Millet Growing Farmers of Thiruvannamalai and Vellore Districts	Dr.P.Jaisridhar	Complete the project in time
Theme II: Extension Research on ICT in Agriculture			
1.	DST/CARDS/ACMD/MDU/AEX/2016 / R008 Establishing Model Climate Responsive Villages and Dissemination of Climate Change Adaptation and Water Management Technologies through digital and folk media	Dr.P.Ramasubramanian Dr. R. V. Chelviramesh Dr. A. Gurusamy	Complete the project in time
Theme III: Analysis of shifting pattern of rural youth and developing strategies for retention in agriculture			
2.	DST/CARDS/CBE/AEX/2016/ R003 Promoting Rural entrepreneurship and empowerment of rural young women self-Help Groups (SC / ST) through capacity building for setting up of bio-inoculants production units in Vellore district of Tamil Nadu	Dr.P.Sumathi Dr.M.Asokhan Dr.P.Latha Dr.A.Thirumurugan	Complete the project in time

3.	DST/CARDS/MDU/EXT/2017/R006 Empowerment of SC/ST Rural Youth through Skill Development and Entrepreneurship Development	Dr.P.P.Murugan	Complete the project in time
Theme IV : Agricultural education / Social change			
4.	CARDS/MDU/AEX/2015/186 Agrarian Change and Livelihood Diversification in Tamil Nadu	Dr. M. Jegadeesan Dr.P.P.Murugan	Complete the project in time
Theme V : Gender Studies			
	UGC/CARDS/MDU/EXT/2016/R004 A Multi-dimensional Study on Gender Responsive Budgeting among three tiers of Panchayat Set up in Madurai District of Tamil Nadu	Dr.M.Ramasubramanian Dr.P.P.Murugan Dr.B.Parthiban Dr.G.Selvarani	Complete the project in time
Theme VI : Commodity Groups and FPOs			
5.	CARDS/MTP/AEX/2016/001 Development and Promotion of tree based Farmer Producer Organizations in Coimbatore District	Dr.C.Cinthia Fernandaz	Complete the project in time

B.3 New Project Proposal

6.	CARDS/CBE/AEX/2017/001 Study on Present Extension System in Tamil Nadu – A Critical analysis	Dr.N.Sriram	Initiate the project and complete in time
7.	CARDS/CBE/AEX/2017/002 Awareness and Attitude of UG Students towards e-learning – An empirical study	Dr.S.SrivaraBuddhi Bhuvaneswari	Initiate the project and complete in time
8.	CARDS/MDU/AEX/2017/002 Livelihood changes of farm famines in Periyar-Vaigai command area in Madurai District	Dr.K.Mahandrakumar	Initiate the project and complete in time
9.	CARDS/MDU/AEX/2017/001 A Study on technology utilization pattern of pulse production in Madurai district	Dr.RexlinSelvin	Initiate the project and complete in time
10.	CARDS/MDU/AEX/2017/003 Impact of Farmer to Farmer Extension approach under ATMA – An Analysis	Dr.G.Selvarani	Initiate the project and complete in time

C. AGRICULTURAL AND RURAL MANAGEMENT

C.1. Completed Projects

S.No.	Project No and Project Title	Scientist	Remarks
Theme II -Entrepreneurship in Agribusiness			
1.	CARDS/CBE/ARM/2015/002 Promoting Agripreneurship through Formal Education - Developing Innovative Agricultural Education Model	Dr.C.Muralidharan	The project period is over and the completion report be submitted. Publications should be made from the report
2.	CARDS/CBE/ARM/2015/003 Analysis of Profitability and Self Sustainability of Agribusiness Ventures established by Women Self Help Groups in Coimbatore and Erode districts	Dr.M.Chandrakumar Dr.S.Selvanayaki	The project period is over and the completion report be submitted. Publications should be made from the report

C. 2.Ongoing Project

Theme I – Management of Agribusiness and Rural organizations			
1.	ICAR/CARDS/TRY/SOS/2016/R007 Developing Agribusiness Models by Linking Farmer Producer Organizations and Farmers Groups to Markets through Value Chain Management	Dr.S.D.Sivakumar Dr.K.Mahendran Dr.S.Balamohan	Complete the project in time
2.	CARDS/CBE/ARM/2016/002 A Study on Marketing and Value Addition of Curry Leaves in Western Region of Tamil Nadu	Dr.T.Samsai	Complete the project in time

3.	CARDS/CBE/ARM/2015/001 Organizations, Functions and Strategy Analysis of Farmer Producer Organizations(FPO) in Tamil Nadu	Dr.S.D.Sivakumar Dr.P.Balaji	Complete the project in time
4.	SFD/FCRI/MTP/AGF/2015/R002 Fruit Yield and Economic Analysis of Selected Tree Species under Agro forestry System in Tamil Nadu	Dr.P. Balaji	Complete the project in time
5.	CARDS/CBE/ARM/2016/001 A Study on dynamics of Coconut Farmers Producer Companies in Western TamilNadu	Dr.N.Deepa	Complete the project in time
Theme II -Entrepreneurship in Agribusiness			
6.	CARDS/CBE/ARM/2015/002 Entrepreneurial Competency and Self Efficacy among the Agriculture Graduates of Tamil Nadu Agricultural University	Dr.K.Malarkodi Dr.K.Uma	Complete the project in time
THEME III-SUPPLY CHAIN MANAGEMENT AND VALUE CHAIN ANALYSIS			
7	Study on Supply Chain Financing, its Impact on Farm Productivity and Financial Flow in Rice and Coconut Supply Chain	Dr.N.VenkatesaPalanisa my	Complete the project in time
8	CARDS/CBE/ARM/2016/003 Value Chain Analysis of Turmeric in Tamil Nadu	Dr.A.Rohini	Complete the project in time
9	CARDS/CBE/ARM/2015/014 An Assessment of Waste generated in Select Fruits and Vegetables at Point of Sale – A Study of Farmers Markets in Coimbatore, Trichy and Madurai Cities	Dr.V.M.Indumathi Dr.S.MoghanaLavanya Dr.S.Hemalatha	Complete the project in time
10	CARDS/MTP/ARM/2016/001 Value chain analysis of Plywood in Coimbatore district	Dr.P.Balaji	Complete the project in time

11	CARDS/KKM/ARM/ 2016/ 001 Value Chain Analysis of Chillies In Southern Districts of Tamil Nadu	Dr.D.Murugananthi	Complete the project in time
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C.3.NEW PROJECT PROPOSAL

1	An Analysis of Institutional Mechanism and Performance of Rural Shandies	Dr.K.Uma	Initiate the project and complete in time. Project number to be obtained.
2	Performance Assessment of Copra Procurement Centre's in Western Region of Tamil Nadu	Dr.S.Selvanayaki	Initiate the project and complete in time. Project number to be obtained.
3	Business Management Practices and Critical Success Factors of Protected Cultivation in Tamil Nadu	Dr.S.MoghanaLavanya	Initiate the project and complete in time. Project number to be obtained.
4	Consumer Preference for Basmati Rice	Dr.S.Hemalatha	Initiate the project and complete in time. Project number to be obtained.
5	Perception and Attitude of Farmers towards Warehouse Financing in Western Region of Tamil Nadu	Dr.K.Divya	Initiate the project and complete in time. Project number to be obtained.

D. TRADE AND INTELLECTUAL PROPERTY

D.1.Completed Projects

S. No.	Project No. & Title	Scientist	Remarks
	Theme 1: Competitive Agro Export ant Trade		
1	ATMA/CARDS/CBE/TIP/2016/R002 Economic Analysis of Declining trend in area under Groundnut in Tamil Nadu	Dr.M.Chinnadurai Dr. T.Alagumani Dr.S.Kalaivani Dr.A. Sundar Dr. N. Kiruthika	The project period is over and the completion report be submitted. Publications should be made from the report

2	IOPEPC/CARDS/CBE/TIP/2016/R003 Estimating the yield of Kharif/Rabi Groundnut and Sesame Crops in Tamil Nadu	Dr. T. Alagumani Dr. M. Chinnadurai Dr.K.Chandran	The project period is over and the completion report be submitted. Publications should be made from the report
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D.2 Ongoing Projects

Theme 1: Competitive Agro Export ant Trade			
3	CARDS/CBE/TIP/2015/001 Export Potential of Grapes in Tamil Nadu	Dr.T. Alagumani Dr.M. Anjugam	Complete the project in time
4	CARDS/CBE/TIP/2015/002 Domestic Trade and Export Potential of Hill Banana with GI tag in Tamil Nadu	Dr.C. Velavan Dr.T. Alagumani	Complete the project in time
5	CARDS/CBE/TIP/2015/003 Value Chain of Banana in Tamil Nadu	Dr.C.Velavan	Complete the project in time
6	CARDS/CBE/TIP/2015/004 A Study on export potential and performance of Mango, Tamil Nadu	Dr.R. Senthilkumar	Complete the project in time

E. LANGUAGES

E.1.Completed Projects

Sl. No.	Project No and Project Title	Scientist	Remarks
1	DSW/TRY/ENG/2015/001 An experimental approach to enhance technical writing skills of B.Sc.(Agri.) students	Dr.K. Thangaraj	The project period is over and the completion report be submitted.
2	DSW/TRY/TAM/2015/002 முக்கூடற் பள்ளு எனும் சிற்றிலக்கியத்தில் காணப்படும் வேளாண் மாந்தர்களின் இயல்புமற்றும் வாழ்க்கைச் சூழல் குறித்தசெய்திகளைத் தொகுத்தல்.	Dr.M. Manimekalai	The project period is over and the completion report be submitted.

3	DSW/KKM/ENG/2014/001 A study on Difference in the Communication Skills of English among the Students of TNAU.	Th.P. Sivakumar	The project period is over and the completion report be submitted.
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Remarks by the Registrar

- Impact of released varieties / technologies of TNAU need to be assessed on area coverage, income and yield (Action : Professor and Head, Dept. of Agrl. Economics)
- Impact of commercial cultivation of Hybrid rice and hybrid seed production need to be studied in detail (Action: Professor and Head, Department of Economics / Department of Agricultural Extension)
- Success stories on TNAU interventions may be documented (Professor & Head, Department of Agricultural Extension).
- Impact of KVK may be studied through multi disciplinary approach (Professor & Head, Department of Agricultural Extension).
- Study on seed production system in Tamil Nadu may be studied (Professor &Head, Department of Agricultural Extension).
- FPOs formed may be studied (Professor &Head, Department of Agricultural and Rural Management)
- Geographical Indications (GI) on Hill Banana need to be developed (Professor & Head Dept. of Trade and intellectual Property)
- Each Scientist should have one Research Project and one Course even if they are working in other Departments in the same campus and those who are having only URP may apply for external funded research projects (Action: All Scientists).

Remarks by Director of Research

- Adoption of TNAU varieties / technologies and impact of technologies need to be assessed (Action: Professor and Head, Department of Agrl. Economics and Professor & Head, Department of Agricultural Extension).

- Reasons for non – adoption of CO 51 rice and wider adoption of BPT 5204 rice varieties may be studied (Action: Professor and Head, Department of Agrl. Economics and Professor &Head, Department of Agricultural Extension).
- Study on Yield gap II in major crops may be taken up in collaboration with other related departments (Action: Professor and Head, Department of Economics, Professor &Head, Department of Agricultural Extension)
- Yield gap II in pulses may be studied in collaboration with plant breeders (Action: Dr.A.Malaisamy, Assistant Professor, Agrl. Economics)
- Researchers who take up studies on economics of SSI and SRI cultivation may use the data available in IAMWARM projects undertaken by TNAU (Action: Professor and Head, Department of Economics)
- Impact study on price forecast may be taken up (Action: Professor and Head, Department of Economics)

Concluding Remarks by the Director of Research

- Publications from the research project should be sent through proper channel.
- Diagnostic research need to be pragmatic.
- Externally funded project should be more than one year duration.
- No duplication of research under ICAR/ External project / URP.
- Inventory of all technologies / variety and their impact may be studied.
- Patentable project/ technology should be patented.
- Don't get fund for research from unauthorized agencies.

The Professor and Head, Department of Agricultural Economics, Coimbatore gave formal vote of thanks.

ACTION PLAN FOR 2017-2019

A.AGRICULTURAL ECONOMICS

Theme No. 1			Economics of Agricultural Production and Planning		
Theme Leader –Team			Dr.K.Mani, ,Dr.K.Chandran, Dr.J.S.AmarnathDr.R.RajeshDr.A.Vidhyavathi, Dr.S.Senthilnathan, Dr.S.Angles,		
Project (s)			GOI/CARDS/CBE/AEC/1970/R001; CARDS/CBE/AEC/2017/003;CARDS/ACTRY/TRY/AEC/2015/03; CARDS/ MDU/AEC/ 2017 /001; AECRI/MDU/STA/2016/001; No.B6/GOI/BIRAC/2014		
S. No.	Name of the Activity	Name of the scientist and centre	Year 2017-18	Year 2018-19	Deliverables
1.	Cost of Cultivation of Principal crops (CCPC) – Government of India funded – Continuous scheme since 1971	Coimbatore : Dr.K.Mani, Professor and Head Dr.K.Chandran, Professor (Agrl. Economics)	Collection of primary data from 600 farmers on costs and returns for major crops of Tamil Nadu Collection of prices of different farm inputs across the state.	Collection of primary data from 600 farmers on costs and returns for major crops of Tamil Nadu Collection of prices of different farm inputs across the state.	Estimates of cost of cultivation and returns for major crops of Tamil Nadu
2.	Economic Analysis of Protected Vegetable Cultivation in Tamil Nadu	Thanjavur : Dr.S.Angles, Assistant Professor (Agrl.Econ), AC&RI, Eachangkottai, Thanjavur	Secondary Data collection, Interview schedule preparation, Pilot survey	Data collection, Analysis, Report preparation and submission	Cost and returns of vegetables under protected cultivation Constraints in protected cultivation.

					Measures to remove constraints
3.	A Study on the Mango Economy, Gender Participation and the Impact of EFF Technology on Post Production Losses and Livelihood Security of Mango Growers	Trichy: Dr. C.Sekar Professor and Head Dept. of Social Sciences ADAC&RI, Trichy	Assessment of cost of production of mango Estimation of post production losses in the mango value chain Assessment of gender participation in mango value chain Assessment of the impact of EFF on the reduction of losses and monetary gain received by the farmers.	...	Economics of mango farming; Role of women in farm and farm associated occupations; Strategies to minimize post harvest losses in the mango value chain; Action plan to popularize EFF technology and increase farm income.
4.	An Economic analysis of farm mechanization in Sivagangai District	Madurai : Dr.J.S.Amarnath, Professor and Head (Agrl.Econ), AC&RI, Madurai	Selection of sample respondents Questionnaire preparation and pre testing Secondary and Primary data collection	Data entry, tabulation and analysis Report writing	Pattern of mechanization, Comparative economics of machine and human labour, socio-economic determinants of mechanization, development of optimal farm plans

5	Determinants of Food grains Production in Madurai District-A Statistical Analysis	Madurai: Dr.K.Prabakaran, Assistant Professor(Agrl.Statistics), Dept.ofAgrl.Economics, AC&RI, Madurai.	Finalization of methodology and Data collection Analysis of data Report writing and submission	...	Prediction of crop yield, growth trends of food grains for the past and future towards area and production, Weather parameters influences on crop area and production.
6	Value addition and waste utilization for Banana Pseudostem (DBT)	Periyakulam: Dr.C.Ravindran Madurai: Dr.K.Prabakaran, Assistant Professor (Agrl.Statistics), Dept.ofAgrl.Economics, AC&RI, Madurai.	Analysis of data Report writing and submission	...	Prediction of best cultivar for maximum fibre production

	New Proposal (s)				
7	Comparative Economic Analysis of Irrigated and Rainfed Farming Systems in Tamil Nadu	Coimbatore: Dr.A.Vidhyavathi, Associate Professor (Agrl.Econ), TNAU, Coimbatore	Selection of study districts and sample respondents Questionnaire preparation, pre testing and primary data collection	Analysis of data, preparation and submission of final report	Resource use efficiency and profitability of major crops in irrigated and rainfed farms

8	Economics of Neera Tapping from Palmyrah in Western Zone of Tamil Nadu	Coimbatore: Dr.S.Senthilnathan, Asst. Professor (Agrl. Economics) DABD, TNAU, CBE - 3. Dr.C.Muralidaran, Asst. Professor (ARM), DABD, TNAU, Coimbatore	University Sub project - Proposal to be sent Secondary data collection, Questionnaire preparation.	Primary data collection and Analysis of data Preparation and submission of project report	Profitability of Neera tapping and its value added products.
9	Adoption and Spread of TNAU Varieties in Tamil Nadu	Coimbatore: Dr.K.Chandran, Professor (Agrl. Economics) Dr.K.Mani, Professor and Head	Collection and analysis of data and preparation of final report	Results are to be presented every year in Social Scientists' Meet	Level of Adoption and Spread of TNAU Varieties of major crops
10	A study on yield gap for major crops in Tamil Nadu	Coimbatore: Dr.K.Mani, Professor and Head Dr.K.Chandran, Professor (Ag. Econ.)	Collection and analysis of data and preparation of final report	Results are to be presented every year in Social Scientists' Meet	Yield gap for major crops in Tamil Nadu.
11	An Assessment of Agricultural Vulnerability to Climate Variability and Drought in Thiruchirappalli District	Trichy: Dr.R.SalvadiEaswaran, Professor, (Agrl.Econ), Dept.of Social Sciences, ADAC&RI, Trichy.	Review of literature Secondary data collection Selection of sample respondents	Collection of Primary data, Data Entry, Data Analysis Submission of final	Composite Agricultural Vulnerability Index comprising Exposure, Sensitivity

	of Tamil Nadu.		Questionnaire preparation and pre testing	report	and Adaptive Capacity. Impact of Climate Variability and Drought on agriculture. Coping mechanism adopted by farmers to combat the climate hazards and suggest strategies for livelihood diversification.
12	Determination of optimum plot size for major agricultural crops	Madurai: Dr.K.Prabakaran, Assistant Prof (Agrl.Statistics), Dept.ofAgrl.Economics, AC&RI, Madurai.	Review of literature collection Trials to be conducted for two seasons.	Data collection and Analysis of data Preparation and submission of report	Optimum plot size for major agricultural crops

Theme No. 2	Agricultural Marketing and Price Analysis
Theme Leader	Dr.K.Mani, Dr.S.Muraligopal, Dr.M.Anjugam, Dr.K.M.Shivakumar, Dr.S.Angels, Dr. R. Parimalarangan, Dr.A.Sundar
Project (s)	CARDS/CBE/AEC/2016/002; TNFD/CARDS/CBE/AEC/2016/R016; CARDS/CBE/AEC/2017/001; CARDS/ACTRY/TRY/AEC/2014/01

S. No.	Name of the Activity	Name of the scientist and centre	Year 2017-18	Year 2018-19	Deliverables
1	Assessing the Marketing Practices including Post Harvest Operations and Consumers' Preference and Willingness to Pay for Organic Agricultural Products	Coimbatore: Dr.M.Anjugam, Professor (Agrl.Econ), TNAU, Coimbatore Dr.T.Alagumani, P& H (TIP), TNAU, Coimbatore	Data entry for farmers, traders and consumers Analysis of data Report writing and submission	Nil	Assessment of price spread Consumer's preference on organic products.
2	Market Potential of Treated Secondary Timbers Species in Erode, Nilgiris, and Coimbatore Districts: A Case Study Approach	Periyakulam: Dr.S.Varadha Raj, Assoc. Professor (Agrl.Econ), HC and RI, Periyakulam Dr.M.Chinnadurai Dr.M.Anjugam Dr.R.Revathi	Data collection Data entry Analysis of data Report writing and submission	Nil	Economics of treated less utilized timber species Market potential and preference for secondary timbers
3	Price Transmission, Causation and Vertical Integration in Pulses	Trichy: Dr.K.M.Shiv akumar Professor (Ag.Econ.) Dept. of Social Sciences, ADAC&RI, Trichy	Review of literature Preparation of project proposal	Identification of markets for pulses both domestic and world markets Collection of time series data on prices for pulses Data Screening	Speed of price convergence among the national and regional markets for pulses Quantum of price transmission from

				Data Analysis Completion of Project Report	farm gate to retail for major pulses Strategies for improving marketing efficiency of pulses
4	Value Chain analysis of Small Onion in Tamil Nadu	Trichy: Dr. R. Parimalarangan	Preparation of Completion report	..	Value chain management practices for small onion. Proper post harvest management practices adopted by the farmers to increase their income.

	New proposal (s)				
5	Innovative Breakthrough in Enhancing Pulse Productivity and Integrated Farming in Cauvery Delta Region of Tamil Nadu – End to End Programme with Group Marketing as Important Component.	Thanjavur: Dr.S.Angles, Assistant Professor (Agrl. Economics), AC&RI, Eachangkottai, Thanjavur.	Preparation of Interview schedule and conduct of base line survey	Implementation of the programme and data collection.	Assessing optimal utilization of land, water, human resources and to increase in productivity and net income of the pulses growers. To enhance

	(Proposal has been presented at DR Office for funding under Tamil Nadu Innovation Initiatives (TANII), Government of Tamil Nadu.)				income and employment of the farmers by processing, storage and marketing of pulses through the FPOs.
6	A Study on Assessing the Traceability System and its Impact on Supply Chain of Spices in Tamil Nadu	Coimbatore: Dr.C.Sekhar Professor (Agrl.Economics)	Secondary data collection Review of literature Data collection	Data entry Analysis of data Report writing and submission	Efficient supply chain in spices Transmission of supply chain feed back to producers' forum
7	Supply Chain Analysis of Raw Cashew Nuts in Tamil Nadu	Trichy: Dr.R. Parimalarangan, Asst.prof	Secondary data collection Selection of study districts and sample respondents, Questionnaire preparation, pre testing and data collection	Data entry, Analysis of data, Preparation and submission of final report	Extent of price transmission among the cashew supply chain actors
8	Economics of Production and Marketing of Minor Millets in Southern Districts of TamilNadu.	Madurai: Dr.A.Sundar, Asst.professor (Agrl.Econ.), AC&RI, Madurai.	Secondary data collection, Sampling, Questionnaire preparation, pre testing and data collection	Data entry, Analysis of data Preparation and submission of final report	Economics of minor millets, Price spread for minor millets, Constraints in production and marketing of minor millets

Theme No. 3	Natural Resources and Environmental Economics
Theme Leader	Dr.M.Chinnadurai , Dr. K. R. Ashok, Dr.R.Balasubramanian, Dr.P.Paramasivam, Dr.S.Amarnath, Dr.C.Sekhar, Dr.D. Suresh Kumar, Dr.K.R.Karunakaran, Dr.M.Thilagavathy, Dr. S. Varadha Raj
Project (s)	DBT/CARDS/CBE/AEC/2014/R010 ; CARDS/ACKKLM/KKLM/2016/R011

S. No.	Name of the Activity	Name of the scientist and centre	Year 2017-18	Year 2018-19	Deliverables
1.	To study the Varietal and Trait Preferences of Farmers and Industry ; To Study Economics of Cassava Production and CMD Incidence; and Value Chain Mapping of Cassava Products	Coimbatore: Dr. K. R. Ashok, Professor (Agrl. Economics) Dr. M. Thilagavathi, Professor (Agrl. Economics) Periyakulam: Dr. S. Varadha Raj, Assoc. Professor (Agrl. Economics)	Preparation of draft report; Presentation of draft report in the Annual network meet in August 2017; Finalization of the report; Proposal for extension of the project	Developing a model for rapid spread of newly developed cassava planting material by the biotech group (if project is extended)	Varietal and trait preferences of cassava by the farmers and industry Economics of cassava Value chain mapping of cassava products
2	Application of Change Point Analysis (CPA) to Monthly Rainfall and Temperature Over Years in Tamil Nadu.	Killikulam: Dr.PatilSantosh Ganapati, Asst. Professor (Agrl.Statistics)	Report writing and submission	---	Change point for Rainfall

	New Proposal (s)				
3	Implications of Land and Water Use Changes on Agricultural Production and Sustainable Farming	Coimbatore: Dr.P.Paramasivam, Professor Agrl.Econ), TNAU, Coimbatore	Review of literature and Secondary data collection	Entry and Analysis of data, Preparation and submission of final report	Temporal and spatial trend on land and water use changes and their impact on agricultural productivity
4	Economics of Crop Diversification and Nutritional Security in Tamil Nadu	Coimbatore: Dr.K.R.Karunakaran, Professor(Agrl.Econ), TNAU, Coimbatore	Finalizing methodology Collection of primary and secondary data	Entry and Analysis of data, Preparation and submission of final report	Crop diversification index and dietary diversity index under different food nutritional groups
5	Economics of Solar Power Installation for Lifting Irrigation Water	Coimbatore: Dr.M.Anjugam, Professor (Agrl.Econ), TNAU, Coimbatore Dr.K.Mani Professor and Head	Secondary data collection. Finalizing methodology and primary data collection	Entry and Analysis of data, Preparation and submission of final report	Profitability of farms in replacement of electric pump sets / diesel engine with solar powered pumping systems.
6	Multiple Use, Institutions and Performance of Irrigation Tanks: An Economic Inquiry into Issues, Potentials and Policies for Sustainable	Coimbatore: Dr.D. Suresh Kumar Dr.M.Chinnadurai Dr.S.Muraligopal Dr.A.Raviraj	Project initiation, data collection, analysis	Analysis, Report writing, Policy workshop	Technical bulletins, Reports and policy brief.

	Management of Tanks in Southern Peninsular India (Submitted to Ministry of Environment, Forest and Climate Change, New Delhi)				
7	Water Productivity in Agriculture: An Analysis of Issues, Technologies and Policies for Improving Water Use Efficiency in Peninsular India (Proposal submitted to ICAR under National Agricultural Science Fund) Five years project on consortium mode	Coimbatore: Dr.D.Suresh Kumar Dr.M.Chinnadurai Dr.S.Muraligopal Dr.A.Raviraj Dr.A.Bharani Dr.S.Panneerselvam	Project initiation, data collection, analysis	Analysis, Report writing, Policy workshop	Technical bulletins, Reports and policy brief.
8	Payment for Ecosystem Services	Coimbatore: Dr.D.Suresh Kumar, Professor (Ag.Econ)	Secondary data collection. Finalizing methodology and primary data collection	Entry and Analysis of data, Preparation and submission of final report	Valuation of ecosystem services

9	Agricultural Land Values under Urbanizing and Recent Government Policies influences in Madurai District	Madurai: Dr.A. Malaisamy Assistant Professor (Agrl.Economics) Department of Home Science Extension, Home Science College and Research Institute, Madurai.	Secondary data collection. Finalizing methodology and primary data collection	Entry and Analysis of data, Preparation and submission of final report	Changes in cropping pattern and its implications for agricultural production and food and nutritional security
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Theme : 4			Agricultural Finance and Crop Insurance		
Team Leader			Dr.K.Mani, Dr.M.Anjugam, Dr. S. Padma Rani, Dr.S.Gurunathan, Dr.M.Prahadeeswaran		
Project			CARDS/ACTRY/TRY/AEC/2014/R06; CARDS/MDU/AEC/2016/001		
S. No.	Name of the Activity	Name of the scientist and centre	Year 2017-18	Year 2018-19	Deliverables
1	Issues and Problems in Crop Insurance Schemes in Cauvery Delta Zone of Tamil Nadu	Trichy: Dr S Gurunathan Asst. Professor (Agrl. Economics) Dept of Social Sciences, ADAC & RI, Trichy	Primary data collection, Analysis and submission of report	...	Problems of the farmers in availing crop insurance schemes and suggestions for improvement
2	Performance of Crop Insurance Schemes in Madurai District	Madurai: Dr.M.Prahadeeswaran, Assistant Professor, Dept.ofAgrl.Economics AC& RI, Madurai	Collection of Primary data, Data entry, Data Analysis, final report submission	...	Extent of coverage of farmers under Crop Insurance (PMFBY and NAIS) schemes

					<p>Farmers preference towards components of Crop Insurance Schemes</p> <p>Constraints in availing Crop Insurance by farmers</p> <p>Constraints faced by implementing agencies</p>
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	New Proposal (s)				
3	Impact of Long Term Lending in Agricultural Investment in Tamil Nadu	Trichy: Dr. S.Padma Rani Asst. Professor (Agrl. Economics) Dept of Social Sciences, ADAC & RI, Trichy-09	Secondary data collection Sampling, Questionnaire preparation, pre testing and data collection	Data entry, Analysis of data Preparation and submission of draft report, Revision and submission of final report	Impact of credit access on investment, income and production efficiency of farms

Theme No. 5	Impact Evaluation of Development Projects
Theme Leader –Team	Dr. M. Chinnadurai, Dr. S. Muraligopal, Dr. D. Sureshkumar, Dr.P.Paramasivam Dr.T.R.Shanmugam, Dr.V.Saravanakumar

Project (s)					
S. No.	Name of the Activity	Name of the scientist and centre	Year 2017-18	Year 2018-19	Deliverables
	New Proposal (s)				
1.	Impact Evaluation of Watershed Projects Implemented under NWDPRAXI Plan in Tamil Nadu.	Coimbatore: Dr. M. Chinnadurai Dr. D. Sureshkumar Dr. S. MuraliGopal	Activity wise year wise physical and financial targets and achievements of NWDPRAXI Watersheds Collection of Project area details Farm household survey Data entry and analysis Report writing.	...	Impact of watershed activities Level of community participation
2.	Final Evaluation of Watershed Projects Implemented under DPAP/IWDP in Tamil Nadu. (1 st Phase i.e., 5 districts).	Coimbatore: Dr. M. Chinnadurai, Dr.K.Mani, Dr. S. MuraliGopal, Dr. D. Sureshkumar, Dr. T. R. Shanmugam, Dr. S. VaradhaRaj, Dr.K. M. Shivakumar,	Activity wise year wise physical and financial targets and achievements of DPAP/IWDP Watersheds Collection of Project area details Farm household survey Data entry and analysis Report writing.	...	Impact of watershed activities Level of community participation

3.	Final Evaluation of Watershed Projects Implemented under DPAP/IWDP in Tamil Nadu. (2 nd Phase i.e., 14 districts).	Coimbatore: Dr. K. Mani, Dr. M. Chinnadurai Dr. S. MuraliGopal, Dr. D. Sureshkumar Dr. K. Chandran Dr. P. Paramasivam Dr K. R. Ashok Dr. K. R. Karunakaran Dr. M. Anjugam Dr. M. Thilagavathi Dr. A. Vidyavathi	Activity wise year wise physical and financial targets and achievements of DPAP/IWDP Watersheds Collection of Project area details Farm household survey Data entry and analysis Report writing.	Nil	Impact of watershed activities Level of community participation
4.	Preparatory Phase Evaluation of Watershed Projects Implemented under IWMP in Tamil Nadu. (1 st Phase i.e. 23 districts).	Coimbatore: Dr. S. MuraliGopal Dr. M. Chinnadurai Dr. K. Mani Dr. D. Sureshkumar, Dr. K. Chandran, Dr. P. Paramasivam, Dr K. R. Ashok, Dr. K. R. Karunakaran, Dr. M. Anjugam, Dr. M. Thilagavathi, Dr. A. Vidyavathi,	Collection of secondary data from Project Implementing Agency (PIA). Collection of primary data, Data entry and analyses of data. Report writing.	...	Level of community participation. Impact of watershed treatment activities
5.	Preparatory Phase Evaluation, Mid-term evaluation and Final and Impact Evaluation	Coimbatore: Dr.D.Suresh Kumar Dr.S.Muraligopal Dr. K. Mani	Data Collection Data entry and analysis of data	Data Collection Data entry and analysis of data	Evaluation reports - Level of community participation. Impact of watershed treatment activities

	of Watershed Development Projects in Tamil Nadu	Dr. M. Chinnadurai	Report writing.	Report writing..	
6.	Agricultural Labourers in Tamil Nadu: An Inquiry into Status, Issues and Livelihood Diversification across Production Environments	Coimbatore: Dr.D.Suresh Kumar Dr.S.Muraligopal Dr.S.Gurunathan Dr.A.Sundar	Data Collection Data entry and analysis of data Report writing.	Data Collection Data entry and analysis of data Report writing.	Evaluation reports - Level of community participation. Impact of watershed treatment activities
7.	Food Security: Status, Scope and Strategies for intervention in Southern Districts	Killikulam: Dr.S.Senthilnathan, Professor (Agrl.Economics), Department of Social Sciences, AC&RI, Killikulam	Secondary data collection, Sampling, Data entry, Analysis of data	Preparation and submission of final report	Status report on food security of southern districts Strategic plans to achieve food security
8	A study on Management of Custom Hiring Centre and its impact on agriculture	Trichy: Dr S Selvam, Prof (Ag Econ), ADAC & RI, Trichy Dr S D Sivakumar Prof (ARM) ADAC & RI	Secondary data collection, Sampling, Questionnaire preparation, pre testing and data collection	Data entry, Analysis of data Preparation and submission of final report	Managerial effectiveness of Custom Hiring Centres, Level of employment and income generation.

9	Structural Changes in Rural Employment and its Implications for Agriculture	Madurai: Dr. A. Daniel Viswasam Samuel, Professor (Agrl.Econ), AC&RI, Madurai	Secondary data collection Questionnaire preparation and primary data collection	Data entry, analysis Preparation and submission of final report	Factors causing changes in Rural Employment Implications to device development programmes
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LANGUAGES

Theme No.					
Theme Leader		Th. P. Sivakumar, Asst. Professor (English), Dept.of Social Sciences, AC&RI, Killikulam			
Project (s)		DSW/KKM/ENG/2014/001			
S. No.	Name of the Activity	Name of the scientist and centre	2017-18	2018-19	Deliverables
1	A Study on Difference in the Communication Skills in English among the Students of TNAU.	KKM: Th. P. Sivakumar, Asst. Professor (English) ACRI, KKM:	Analysis of data Report writing and submission	Nil	Communication skills in English among 2014-15 Batch Students

B. AGRICULTURAL EXTENSION AND RURAL SOCIOLOGY

Theme Area : 1	Monitoring adoption and impact assessment
Theme Member	Dr.R.Premavathi, Associate Professor (AEX), Dept of AE&RS, CARDS, TNAU, Coimbatore

Project (s)					
S.No.	Name of the Activity	Name of the scientist and centre	Year 2017-18	Year 2018-19	Deliverables
1	Spread and Acceptance of TPS 5 Paddy Variety in Kanyakumari Dt	Dr.R.Premavathi R,Sasikala Dr.M.Asokhan	Construction of interview schedule Collection of data from farmers	Assessing adoption behaviour of TPS 5 rice Assessing marketing strategies	Adoption percentage and area coverage under TPS 5 Paddy rice varieties. Documents on the success stories of TPS 5 paddy farmers. Problems in adoption of TPS 5 paddy variety and suggesting suitable strategies to overcome the problems.
Team Member			Dr.D. Periyar Ramasamy, Asst Prof (AgrlExtn.), Dept. of Social Sciences, ADAC&RI, Trichy-09		
Project (s)			CARDS/ACTRY/TRY/AEX/2014/R09		
S. No.	Name of the Activity	Name of the scientist and centre	Year 2017-18	Year 2018-19	Deliverables
1	Adoption of sustainable sugarcane initiatives in Tamil Nadu	Dr.D. Periyar Ramasamy	Report writing and completion report	-	<ul style="list-style-type: none"> ▪ Adoption level of SSI by the farmers in Pudukottai district. ▪ Constrains and strategies to overcome

Project (s) : ICAR/CARDS/TRY/SOS/201//R007					
2	Evaluation of watershed in Karur district	Dr.D. Periyar Ramasamy, Asst Prof (AgrlExtn.), Dept. of Social Sciences, ADAC&RI, Trichy	Research project is completed and report writing is under progress.	Nil	Performance of watershed in kanur district
Theme Leader			Dr.P.P.Murugan, Professor and Head, Department of Agricultural Extension and Rural Sociology, AC & RI, Madurai		
Project					
S. No.	Name of the Activity	Name of the scientist and centre	Year 2017-18	Year 2018-19	Deliverables
1	IWDP/DPAP Terminal Evaluation	Dr.P.P.Murugan Dr.RexlinSelvin Dr. K.Mahandrakumar Dr.M.Ramasubramanian Dr.G.Selvarani Dept.of Agri. Extension and Rural Sociology, Agricultural College and Research Institute, Madurai	Conducting survey Tabulation of data and statistical analysis Preparation of report	-	Policy implications for the administration of IWDP Projects
Theme Member			Dr. Rexlin Selvin, Professor (Agrl.Extension), Department of Agricultural Extension and Rural Sociology, AC & RI, Madurai		
Project			CARDS/MDU/AEX/2017/001		

S. No.	Name of the Activity	Name of the scientist and centre	Year 2017-18	Year 2018-19	Deliverables
1	A Study on Technology Utilisation Pattern of Pulse Production in Madurai District	Dr.RexlinSelvin, Professor (Agrl.Extension), Department of Agricultural Extension and Rural Sociology AC & RI, Madurai	Collection of literature and Secondary data Preparation of Interview Schedule and Pre-test Collection of Primary data	Collection of Primary data Computerisation of primary data Data analysis Tabulation of results, interpretation and report preparation	Current knowledge level of pulse farmers, knowledge improvement the pulse growers using suitable extension methodologies. Suitable strategies to remove the constraints
Theme Member			Dr. S. Nazreen Hassan, Assistant Professor, Department of Social Sciences AC &RI, Killikulam		
Project (s)			CARDS/KKM/AEX/2016/001		
S. No.	Name of the Activity	Name of the scientist and centre	Year 2017-18	Deliverables	
1	An analytical study on contribution of floriculture in the livelihood of farmers in southern districts of Tamil Nadu	KKM: Dr.S. Nazreen Hassan, Professor (Agrl.Extn.), AC &RI, Killikulam	Review of literature Survey of farmers	Contribution of floriculture in the livelihoods of farmers. Marketing pattern in the study area	

Ongoing Project

Theme No. 1	MONITORING ,ADOPTION AND IMPACT
Theme Member	Dr. S. R. Padma, Assistant Professor [Agrl. Extension] AC&RI, Killikulam
Project (s)	CARDS/KKM/AEX/2016/002

S. No.	Name of the Activity	Name of the scientist and centre	Year 2017-18	Year 2018-19	Deliverables
1	Palmyrah: A means for sustainable livelihood through value addition	Dr.S.R.Padma, Assistant Professor [Agrl. Extension], AC&RI, Killikulam	Data Collection Data Analysis	Report writing and submission	Knowledge and training need on commercially produced edible value added products and non-edible palmyrah. Constraints in sustenance of enterprises and suggestions for strengthening

Theme Area: 2			Extension Research on ICT in Agriculture		
Theme Member			Dr.N.Sriram, Associate Professor (AEX), Dept of AE&RS, CARDS, TNAU, Coimbatore		
Project (s)					
S.No.	Name of the Activity	Name of the scientist and centre	Year 2017-18	Year 2018-19	Deliverables
1	Implementation of Invigorating Extension through ICT Tools (Expert System)	Dr.N.Sriram, Associate Professor (AEX) AE&RS, CARDS, TNAU, Coimbatore	Conversion into mobile app of expert system Conversion into web responsive Agritech portal	Nil	Release of Expert System Apps for Five crops Launch of Web responsive Agritech Portal
2	Development of Fertilizer Apps(F Apps) for well informed Decision Making among the farmers – Manikandam Block	Dr. M.Kalpana Asst. Prof. (Comp. Science) Dr.D.Periyar Ramasamy Asst. Prof. (Agrl.Extn) Dr. D. Jayakumar Prof. (Soil Science) HC&RI(W), Trichy	Report writing and completion report		An android based Fertilizer dose calculator apps hosting the app in public domain for farmers use

Theme Area: 3		Rural Youth in Agriculture			
Team Member		Dr.P.Balasubramaniam, Professor (Agrl.Extn.) Dept.of Social Sciences, ADAC&RI, Trichy-09			
Project (s)		New proposal			
S. No.	Name of the Activity	Name of the scientist and centre	Year 2017-18	Year 2018-19	Deliverables
1	Study on Participation of Rural Youth in Farming in the Cauvery Delta Zone of Tamil Nadu	Dr.P.Balasubramaniam Professor (Agrl.Extn.) PI of the project Dr.R.PeriyarRamasamy Asst.Professor (Agrl.Extn.), Co-PI of the Project	Selection of study area and sample and construction of interview schedule. To study the profile, present trend in agriculture in irrigated ecosystem. Identification of factors affecting participation of youth in agriculture and agriculture as main stream of livelihood or Secondary - from irrigated area	To study profile, present trend in agriculture in rainfed ecosystem. Identification of factors affecting participation of youth in agriculture and agriculture as main stream for livelihood or Secondary-from rainfed area Data entry, Tabulation and Analysis of data Preparation and submission	Level of participation of rural youth in agriculture Present trend of youth in agriculture. Factors affecting the youth in participation of agriculture. Suggestions from the rural youth for development of agriculture
Theme No. 3		Analysis of Shifting pattern of Rural Youth and developing strategies for retention in Agriculture			
Theme Leader		Dr.P.P.Murugan, Professor and Head, Department of Agricultural Extension and Rural Sociology, AC & RI, Madurai			
Project		DST/CARDS/MDU/EXT/2017/R006			

S. No.	Name of the Activity	Name of the scientist and centre	2017-18	2018-19	2019-20	2020-21	Deliverables
1	Empowerment of SC/ST Rural Youth through Skill Development and Entrepreneurship Programme (DBT Funded Project)	Dr.P.P.Murugan, Professor and Head, Department of Agricultural Extension and Rural Sociology, AC & RI, Madurai (As Principal Investigator of the Project)	Identification of SC/ST Rural Youth Participatory workshops	Skill Training	Training on Business Skills and linking to institutions	Finalisation of Impact Indicators Data collection to assess the impact Analysis Tabulation Report preparation	SC/ST Youth will become successful entrepreneurs
Theme No. 3			Analysis of Shifting pattern of Rural Youth and developing strategies for retention in Agriculture				
Theme Leader			Dr. K.Mahandrakumar, Professor (Agrl.Extension), Department of Agricultural Extension and Rural Sociology AC & RI, Madurai				
Project			CARDS/MDU/AEX/2017/002				
S.No.	Name of the Activity	Name of the scientist and centre	Year 2017-18	Year 2018-19		Deliverables	
1	Livelihood changes of Farm Families in different farming systems of Madurai District	Dr. K.Mahandrakumar, Professor (Agrl.Extension), Dept.ofAgrl.Extension and Rural Sociology, Agricultural College and Research Institute, Madurai	Review of Literature to select the variables Preparation of Interview Schedule Pilot Survey Conducting survey in Dryland System	Conducting survey in wet land and Garden land Tabulation of data and statistical analysis Preparation of report and publication		To retain the farm families in Agriculture	

Model format for ongoing projects

Theme No. 4			AGRICULTURAL EDUCATION AND SOCIAL CHANGE		
Theme Member			Dr. S. SrivaraBuddhiBhuvaneswari, Assistant Professor (Agrl. Extension), Dept of AE&RS, CARDS, TNAU, Coimbatore		
Project (s)			URP serial number : 492, Project number: CARDS . CBE / AEX / 2017 / 002		
S. No.	Name of the Activity	Name of the scientist and centre	Year 2017-18	Year 2018-19	Deliverables
1	Awareness, Knowledge and Attitude of Under Graduate students towards E-learning – An Empirical Study	CBE: Dr. S. SrivaraBuddhiBhuvaneswari, Assistant Professor (Agrl. Extension) Dept of AE&RS, CARDS, TNAU, Coimbatore	1) Literature collection 2) Identification of independent variables 3) Preparation of interview schedule to study the characteristics of UG students and their awareness and knowledge towards E-Learning. 4) Construction of attitude scale to assess the attitude of students.	1. Pretesting and refinement of interview schedule 2. Data collection through survey 3. Tabulation, Statistical analysis and Report writing	<ul style="list-style-type: none"> ▪ Awareness, knowledge and attitude of UG students towards E-Learning. ▪ Measures to improve E-Learning among students

Theme No:5	Gender Studies Enhancing the livelihood of tribal women through value addition of non-wood forest products
Theme Leader	Dr.P.Balasubramaniam, Professor (Agrl.Extn.) Dept.of Social Sciences ADAC&RI, Trichy-09
Project	DST/CARDS/TRY/SOS/2016/D003

S. No.	Name of the Activity	Name of the scientist and centre	Year 2017-18	Year 2018-19	Deliverables
1	Enhancing the livelihood of tribal women through technological interventions on value addition of non-wood forest products	Dr.P.Balasubramaniam Professor (Agrl.Extn.) PI of the Project Dr.JudeSudhgar Asst. Professor (Forestry), FC&RI, Mettupalayam Co-PI of the Project	Conducting training and demonstrations on value addition of non-wood forest products for the tribal women at Nilgiris district Impact assessment Report writing and submission	Nil	<ul style="list-style-type: none"> ▪ Increasing skill on scientific collection, processing and storage of non -wood forest products. ▪ Increasing the skill and capacity on value addition of non-wood forest products. ▪ Identification of market channels ▪ Formation of model units on value addition of non-wood forest products.
Theme No. 5			Gender Studies		
Theme Member			Dr. M. Ramasubramanian, Assistant Professor (Agrl.Extension) Department of Agricultural Extension and Rural Sociology, AC & RI, Madurai		
Project			UGC/CARDS/MDU/EXT/2016/R004		
S. No.	Name of the Activity	Name of the scientist and centre	Year 2017-18	Year 2018-19	Deliverables
1	A Multi-Dimensional study on Gender Responsive Budgeting among three tiers of Panchayat Set up in Madurai	Dr. M. Ramasubramanian, Assistant Professor (Agrl.Extension) Department of Agricultural Extension and Rural Sociology AC & RI, Madurai (As Principal Investigator of the project)	Employing the Gender Budgeting tools in selected villages Survey of 150 individual families to assess the family budget for gender inclusiveness. Analysis of data using statistical tools Capacity building programmes	-	Gender budgeting exercises Attitude, perceptions, constraints of officials of Government departments about Gender Budgeting. Framing future strategies and to involve the officials

	District of Tamil Nadu		for officials and assessing its effectiveness Data analysis and writing reporting		in more effective ways in Gender Budgeting
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Theme Area : 6			Group Dynamics, Commodity groups and FPOs		
Theme Leader			Dr.M.Asokhan, Professor and Head, Dept of AE&RS, CARDS, TNAU, Coimbatore		
Project (s)					
S. No.	Name of the Activity	Name of the scientist and centre	Year 2017-18	Year 2018-19	Deliverables
1.	Study on Present Extension System in Tamil Nadu – A Critical Analysis	Dr.N.Sriram Dr.M.Asokhan Dr.P.P.Murugan	SWOT analysis of present agricultural extension system in Tamil Nadu	Department wise critical analysis of present extension system of Tamil Nadu Getting feedback from the stakeholders	i. Strength, weakness opportunities and threats in present extension system in Tamil Nadu ii. Suggestions and strategies for further improvement of extension system in Tamil Nadu
Theme No. 6			Group dynamics and Farmers Organisations		
Theme Member			Dr. M. Ramasubramanian, Assistant Professor (Agrl.Extension) Department of Agricultural Extension and Rural Sociology AC & RI, Madurai		
Project			ICAR-NASF/C31XL		
S. No.	Name of the Activity	Name of the scientist and centre	Year 2017-18	Year 2018-19	Deliverables
1	Developing Agribusiness models linking	Dr. M. Ramasubramanian, Assistant Professor	Collection of data from the Farmer Producer Organisations	Capacity building of farm women	<ul style="list-style-type: none"> ▪ Agribusiness model ▪ Constraints

	farmers Groups and Farmer Producer Organisations to Markets through Value Chain Management (Funded through ICAR-NASF)	(Agrl.Extension) Department of Agricultural Extension and Rural Sociology AC & RI, Madurai (As Co- Principal Investigator of the project)	Linking the FPCs with formal and informal institutions Conducting workshops among FPCs	Analysis of data and submission of report	▪ Suggestion for sustaining for FPCs
Theme No. 6			Group dynamics and Farmers Organisations		
Theme Member			Dr. G. Selvarani, Asst.Professor (Agrl.Extension), Department of Agricultural Extension and Rural Sociology AC & RI, Madurai		
Project			CARDS/MDU/AEX/2017/003		
S. No.	Name of the Activity	Name of the scientist and centre	Year 2017-18	Year 2018-19	Deliverables
1	Farmer to Farmer Extension under ATMA- An Analysis	Dr. G. Selvarani, Asst.Professor (Agrl.Extension), Department of Agricultural Extension and Rural Sociology AC & RI, Madurai	Collection of literature and Secondary data Preparation of Interview Schedule and Pre-test Collection of Primary data	Computerisation of primary data Data analysis Tabulation of results, interpretation and report preparation	Implications for involving farmers as para extension workers

C.AGRICULTURAL AND RURAL MANAGEMENT

Project 1

Theme No.			Agribusiness and Rural Organisations		
Theme Leader			Dr.N.Deepa, Asst. Professor, Dept.ofAgrl.and Rural Management, TNAU,Coimbatore		
Project (s)			CARDS/CBE/ARM/2016/001		
S. No.	Name of the Activity	Name of the scientist and centre	Year 2017-18	Year 2018-19	Deliverables
1	A Study on Coconut Farmer Producer Companies in Tamil Nadu	Dr.N.Deepa, Asst. Professor, Dept.ofAgrl.and Rural Management, TNAU,Coimbatore	Questionnaire preparation Data Collection (Farmers and from CPC)	Data Collection Data Analysis Report Writing and submission	<ul style="list-style-type: none"> • Current status of Coconut Farmer Producer Companies • Performance of CPCs • Problems faced by the CPC's • Measures for rectification

Theme No.			Agribusiness and Rural Organisations		
Theme Leader			Dr. S.Selvanayaki, Assistant Professor, Dept.of ARM, Coimbatore		
Project (s)			CARDS/CBE/AEC/2016/002		
S. No.	Name of the Activity	Name of the scientist and centre	Year 2017-18	Year 2018-19	Deliverables
2	Analysis of the profitability and self sustainability of the agribusiness ventures established by women Self Help Groups in Coimbatore and Erode districts of Tamil Nadu	Dr.M.Chandrakumar Assistant Professor Coimbatore Dr. S.Selvanayaki Assistant Professor Coimbatore	Data collection from SHG members Analysis of data Report writing and submission	Nil	<ul style="list-style-type: none"> • Management practices adopted by the SHGs engaged in various agribusiness ventures • Profitability and self sustainability of the SHGs and • Constraints faced by the SHGs in running the agribusiness ventures

Theme No.			Supply Chain Management and Value Chain Analysis		
Theme Leader			V.M.Indumathi Assistant Professor (ARM) Dept. of Agrl. and Rural Management, TNAU, Coimbatore- 3		
Project			CARDS/CBE/ARM/2015/04		
S. No.	Name of the Activity	Name of the scientist and centre	Year 2017-18	Deliverables	
3	An Assessment of Waste generated in Select Fruits and Vegetables – A Study of Markets in Coimbatore, Trichy and Madurai cities.	Dr.S.MoghanaLavanya Assistant Professor (ARM) Dept. of Agrl.Economics AC & RI, Madurai Dr.S.Hemalatha Assistant Professor (ARM) HC & RI for Women, Trichy.	Data Collection in Trichy district Analysis of data Report writing and submission	<ul style="list-style-type: none"> • Types of wastages in select vegetables and fruits, • Quantify the wastage • Factors influencing the wastage, • Measures for reducing the wastage of select fruits and vegetables. 	

Theme No.			Supply Chain Management and Value Chain Analysis		
Theme Leader			Dr.D.Murugananthi		
Project (s)			CARDS/KKM/ARM/2016/001		
S. No.	Name of the Activity	Name of the scientist and centre	Year 2017-18	Year 2018-19	Deliverables
4	Value Chain analysis of Chilli in Sothern District of Tamil Nadu	Dr.D.Murugananthi	Data collection Analysis of the Data	Report Writing Submission of the report	<ul style="list-style-type: none"> • Status of Chilli value chain participants • Value Chain efficiency

Theme No.			Supply Chain Management and Value Chain Analysis		
Theme Leader CCPI			Dr.K.Mahendran		
Project (s)			ICAR/CARDS/TRY/SOS/2016/R007		

S. No.	Name of the Activity	Name of the scientist and centre	Year 2017-18	Year 2018-19	Deliverables
4	Developing Agribusiness Models Linking Farmer Groups and FPOs to Markets through Value Chain Management ICAR-NASF	Dr.K.Mahendran	Data collection	Data Collection and Report Writing Submission of the report	<ul style="list-style-type: none"> • Performance of FPOs • Different Value Chain Models

Project 1

Theme No.			Food Industry		
Theme Leader			Dr. T.Samsai, Asst. Professor (ARM), Directorate of Open and Distance Learning (ODL), TNAU,Coimbatore		
Project (s)			CARDS/CBE/ARM/2016/002		
S. No.	Name of the Activity	Name of the scientist and centre	Year 2017-18	Year 2018-19	Deliverables
1	A Study on Marketing and Value Addition of Curry Leaves in Western Region of Tamil Nadu	Dr. T.Samsai, Asst. Professor (ARM), Directorate of Open and Distance Learning (ODL), TNAU,Coimbatore	Questionnaire preparation Data Collection (Farmers, Traders and Value Addition Units)	Data Collection Data Analysis Report Writing and submission	<ul style="list-style-type: none"> • Cost and returns from curry leaves cultivation • Performance of curry leaves markets • Performance of traders and value addition units • Problems faced and Measures for rectification

Ongoing Project

Theme	Supply Chain Management and Value Chain Analysis
Team Leader	Dr. S D Sivakumar, Professor (ARM), Dept. of Social Sciences, ADAC&RI, Trichy-09
Project (s)	ICAR/CARDS/TRY/SOS/201//R007

S. No.	Name of the Activity	Name of the scientist and centre	Year 2017-18	Year 2018-19	Deliverables
1	Survey of FPOs and Farmers Groups	Trichy: Dr S. D Sivakumar Prof (ARM) DrS.Selvam Prof (AgEcon) Dr.SGurunathan Asst Prof	Collection of Data and analysis	Nil	Performance of FPOs and Farmers Groups Agribusiness Strategy and Agribusiness Model
2	Designing the Value Chain and management practices for select FPOs and FGs	Dr S. D Sivakumar Prof (ARM) DrS.Selvam Prof (AgEcon) Dr.SGurunathan Asst Prof	Collection of data on marketing for major crops covered by selected FPOS and FGs	Value Chain analysis	<ul style="list-style-type: none"> ● Value chain management practices for FPOs and FGs ● Connecting them to markets for increased income from agriculture
3	Capacity Building and developing women entrepreneurs	Dr S. D Sivakumar Prof (ARM) DrS.Selvam Prof (AgEcon) Dr.SGurunathan Asst Prof		2019 – 2020 Conducting capacity building programs based on gaps identified in survey	Women entrepreneurs in the value chain system

New project

Theme	Business Plan and Entrepreneurship Development
Team Leader	Dr.P. Pandiyarajan, DEAN, ADAC&RI, Trichy.
Project	New Proposal

S. No.	Name of the Activity	Name of the scientist and centre	Year 2017-18	Year 2018-19	Deliverables
1.	Establishment of Trichy Agri Business Incubator (TABI) <u>Sub- Component</u> Business Plan and Entrepreneurship Development	Dr. S.D. Sivakumar, Professor(ARM) Dr.R.SalvadiEaswaran, Professor, (Agrl.Economics), ADAC&RI, Trichy.	Registration of TABI Preparation of Brochures / Bulletins Publicity Campaign and Membership Drive Evaluation of Membership and issue of Membership Incubating New members Capacity Building Training on Value Chain Management	Technical Consultancy on Prototype Development, Testing and standardisation of prototype Business Incubation of New Members Capacity Building programmes for Entrepreneurship Development Conducting Workshops / Seminar/ Conferences related to Entrepreneurship	Setting up of Agri Business Incubation Centre to promote Agri-preneurship through Value Addition in the following Clusters. (i) Grains and Baking Cluster (ii) Minor Millets Cluster (iii) Fruits Cluster (iv) Vegetables and Mushroom Cluster (v) Spices and Ready Mix Cluster
Theme			Value chain Analysis of Selected Agricultural and Horticultural Commodities		
Team Leader			Dr. C.Velavan, Associate Professor, Dept. of Social Sciences, ADAC&RI, Trichy-09		
Project			CARDS/CBE/TIP/2015/R03		

S. No.	Name of the Activity	Name of the scientist and centre	Year 2017-18	Year 2018-19	Deliverables
1.	Value Chain of Banana in Tamil Nadu	TRY: Dr.C.Velavan Assoc. Professor (A&RM)	Tabulation of Results Report writing and Submission	Nil	<ul style="list-style-type: none"> Banana Value Chain Role of various stake holders in banana value chain Constraints in Value chain

Theme			Export Potential of Selected Agricultural and Horticultural Commodities		
Team Leader			Dr.C.Velavan, Associate Professor, Dept. of Social Sciences, ADAC&RI, Trichy-09		
Project			CARDS/CBE/TIP/2015/R02		
S. No.	Name of the Activity	Name of the scientist and centre	Year 2017-18	Year 2018-19	Deliverables
1.	Domestic Trade and Export Potential of Hill Banana with GI tag in Tamil Nadu	TRY: Dr.C.Velavan Assoc.Professor, ADAC&RI, Trichy CBE: Dr.T.Alagumani P&H, Dept. of Trade & IP, Coimbatore.	Tabulation and Analysis Report writing and Submission	NIL	<ul style="list-style-type: none"> Domestic Trading practices of GI tagged hill banana Cost and Return of hill banana cultivation Post-harvest practices of hill banana growers Constrains in banana cultivation and trading

Theme No. 1			Management of Agribusiness and Rural Organizations*		
Theme Leader					
Project (s)			New proposal (University Sub project)		
S. No.	Name of the Activity	Name of the scientist and centre	Year 2017-18	Year 2018-19	Deliverables
1	Business Management Practices and Critical Success Factors of Protected Cultivation in Tamil Nadu	Dr.S.MoghanaLavanya, Assistant Professor (ARM) Dept of Agrl Economics, Agricultural College and Research Institute Madurai	<ul style="list-style-type: none"> • New Proposal to be sent • Review of literature and Secondary data collection • Selection of study area and sample respondents. • Preparation of Interview schedule and pre testing 	Primary data collection Data entry, Tabulation and Analysis of data Preparation and submission of draft report Revision and submission of final report	<ul style="list-style-type: none"> • Business management practices followed in the protected cultivation. • Key critical factors contributing for success / failure • Farmers preference and constraints faced in adopting the protected cultivation

Theme No. II		Skill Development in Agribusiness
Theme Leader		Dr.M.Malarkodi, Assistant Professor [HRM] Dr.K.Uma, Professor [ARM]
Project (s)		CARDS/CBE/ARM/2015/02

S. No.	Name of the Activity	Name of the scientist and centre	Year 2017-18	Year 2018-19	Deliverables
1	Entrepreneurial Competency and Self Efficacy among the Agriculture graduates of Tamil Nadu Agricultural University, Coimbatore.	Dr.M.Malarkodi, Assistant Professor [HRM], Department of Social Sciences, AC&RI, Killikulam Dr.K.Uma, Professor, FC&RI, Mettupalayam, Coimbatore	Analysis of data Report writing and submission	Nil	<ul style="list-style-type: none"> •Level of self efficacy and Entrepreneurial competency. •Relationship between self efficacy and entrepreneurial competency. •Strategies to improve the level of entrepreneurial competency and self efficacy among the agricultural graduates of TNAU

D.TRADE AND INTELLECTUAL PROPERTY

S. No.	Project No. & Title	Scientist	Remarks
	A. Completed Projects		
	Theme 1: Competitive Agro Export ant Trade		
1	ATMA/CARDS/CBE/TIP/2016/R002 Economic Analysis of Declining trend in area under Groundnut in Tamil Nadu	Dr.M.Chinnadurai Dr. T.Alagumani Dr.S.Kalaivani Dr.A. Sundar Dr. N. Kiruthika	Finalizing the report and send the completion reportfor university approval Publishthe results

2	IOPEPC/CARDS/CBE/TIP/ 2016/R003 Estimating the yield of Kharif/ Rabi Groundnut and Sesame Crops in Tamil Nadu	Dr. T. Alagumani Dr. M. Chinnadurai Dr.K.Chandran	Finalizing the report and send the completion report for university approval Publish the results
B.Ongoing Projects			
Theme 1: Competitive Agro Export and Trade			
3	CARDS/CBE/TIP/2015/R01 Export Potential of Grapes in Tamil Nadu	Dr.T. Alagumani Dr.M. Anjugam	Complete the project and send the closure proposal
4	CARDS/CBE/TIP/2015/R02 Domestic Trade and Export Potential of Hill Banana with GI tag in Tamil Nadu	Dr.C. Velavan Dr.T. Alagumani	Complete the project and send the closure proposal
5	CARDS/CBE/TIP/2015/R03 Value Chain of Banana in Tamil Nadu	Dr.C.Velavan	Complete the project and send the closure proposal
6	CARDS/CBE/TIP/2015/R04 A Study on export potential and performance of Mango, Tamil Nadu	Dr.R. Senthilkumar	Complete the project and send the closure proposal

New projects to be proposed

Project (s)			To be proposed			
S. No.	Name of the Activity	Name of the scientist and centre	2017-18	2018-19	2019-2020	Deliverables / Expected outcome
Theme No. 1 Trade in Agricultural Commodities (Edible oils)- policy implications						

1	Domestic and international trade in major edible oilseeds	CBE: Dr.T.Alagumani Professor and Head	Review of literature and Secondary data collection Selection of study districts and sample respondents, Questionnaire preparation, pre testing and data collection	Data entry, Tabulation and Analysis of data Preparation and submission of draft report Revision and submission of final report	----	Policies for promoting trade in oilseeds
2.	A study on Trade in Non Basmati Rice, Tamil Nadu.	Dr. R. Senthil Kumar, Associate Professor (Agricultural Economics)	Review of Literature Collection of Secondary Data Primary Data collection	Data Entry for Farmers, Traders and Exporters involved in Non Basmati Rice Trade Tamil Nadu Analysis of Primary and secondary Data Report Writing and submission of final report.	-----	Policies for promotion of export of Non Basmati Rice, Tamil Nadu.
Theme No. 2 Comparative and Competitive Analysis of Agri. Commodities						
3.	Export performance of major agricultural commodities	Dr.S.Senthilkumar Assoc.Professor	----	Review of literature and Secondary data collection Data entry, Tabulation and Analysis of data	Preparation and submission of draft report Revision and submission of final report	Policies for promoting export of major agricultural commodities

Teaching	70	70	65	60	70	70	70	70	70	70	40	40
Research	15	25	35	35	25	25	25	25	25	25	25	25
Extension	10	-	-	-	-	-	-	-	-	-	30	30
Administration	-	-	-	-	-	-	-	-	-	-	-	-
Others	5	5	10	5	5	5	5	5	5	5	5	5

Dr. S. SRIVARA BUDDHI BHUVANESWARI, Asst. Prof. (Agrl. Extension), Dept of AE&RS, CARDS, TNAU, Coimbatore												
Activities	Jun-17	Jul-17	Aug-17	Sep-17	Oct-17	Nov-17	Dec-17	Jan-18	Feb-18	Mar-18	Apr-18	May-18
Teaching	62	64	64	64	65	65	65	63	65	65	65	40
Research	0	2	2	2	5	5	5	7	11	11	11	14
Extension	1	3.5	3.5	3.5	3.5	4.5	3.5	3.5	4	4	4	2
Administration												
Deputy Warden	18	18	19	18	18	18	18	10	0	0	0	0
Others												
Academic Counselor	2	2	2	2	2	2	2	2	3	3	3	0
Vehicle in charge	2	6	6	6	2	2	2	2	4	4	4	4
UG, PG and Ph. D lecture hall,	2	1.5	0.5	1.5	1.5	1.5	1.5	4	2	2	2	1.5

Others	5	5	10	5	5	5	-	-	-	5	5	5
Dr.G.Selvarani, Assistant Professor (Agrl.Extension), Dept. of AE&RS, Madurai												
Activities	Jun-17	Jul-17	Aug-17	Sep-17	Oct-17	Nov-17	Dec-17	Jan-18	Feb-18	Mar-18	Apr-18	May-18
Teaching	50	50	50	50	50	50	50	50	50	40	40	40
Research	20	20	20	20	20	20	20	20	20	30	30	30
Extension	10	10	10	10	10	10	10	10	10	10	10	10
Administration	15	15	15	15	15	15	15	15	15	15	15	15
Others	5	5	5	5	5	5	5	5	5	5	5	5
Dr. J.PUSHPA., Ph. D., Professor & Head, Dept of Social Sciences, Agricultural college & Research Institute, Killikulam												
Activities	Jun-17	Jul-17	Aug-17	Sep-17	Oct-17	Nov-17	Dec-17	Jan-18	Feb-18	Mar-18	Apr-18	May-18
Teaching	40	10	45	45	45	45	45	45	45	45	45	45
Research	20	40	15	15	15	15	15	15	15	15	15	10
Extension	5	10	10	5	5	5	5	5	5	5	5	5
Administration	30	30	25	30	30	30	30	30	30	30	30	30
Others	5	10	5	5	5	10	-	10	5	5	1	10
Dr. S. Somasundaram, Professor [Agrl. Extension], Department of Social Sciences, AC&RI, Killikulam												
Activities	Jun-17	Jul-17	Aug-17	Sep-17	Oct-17	Nov-17	Dec-17	Jan-18	Feb-18	Mar-18	Apr-18	May-18
Teaching	70	25	55	70	70	70	70	80	80	85	85	85

Research	----	45	25	10	20	20	20	10	10	5	----	----
Extension	----	----	----	----	----	----	----	----	----	----	----	----
Administration	----	----	----	----	----	----	----	----	----	----	----	----
Others	30	30	20	20	10	10	10	10	10	10	15	15
Dr. S. Nazreen Hassan, Assistant Professor [Agrl. Extension], Department of Social Sciences, AC &RI, Killikulam												
Activities	Jun-17	Jul-17	Aug-17	Sep-17	Oct-17	Nov-17	Dec-17	Jan-18	Feb-18	Mar-18	Apr-18	May-18
Teaching	52	30	30	67	67	67	80	55	55	55	55	45
Research	26	45	45	25	25	25	10	20	25	25	30	30
Extension	5	5	10	5	5	5	5	10	6	10	5	15
Administration	-	-	-	-	-	-	-	-	-			
OTHERS	17	20	15	3	3	3	5	15	14	10	10	10
Dr. S.R.Padma, Assistant Professor [Agrl. Extension], Department of Social Sciences, AC &RI, Killikulam												
Activities	Jun-17	Jul-17	Aug-17	Sep-17	Oct-17	Nov-17	Dec-17	Jan-18	Feb-18	Mar-18	Apr-18	May-18
Teaching	50	50	50	60	60	60	65	50	50	50	50	25
Research	10	10	10	10	10	10	10	10	10	10	10	25
Extension	20	20	20	20	20	20	5	20	20	20	20	30
Administration	--	---	----	---	----	----	----	----	----	----	----	---
Others	20	20	20	10	10	10	20	20	20	20	20	20

Research	10	10	10	10	10	10	10	10	10	10	10	10
Extension	5	5	5	5	5	5	5	5	5	5	5	5
Administration	20	20	20	20	20	20	20	20	20	20	20	20
Others	15	15	15	15	15	15	15	15	15	15	15	15
Dr.S D Sivakumar, Professor												
Activities	Jun-17	Jul-17	Aug-17	Sep-17	Oct-17	Nov-17	Dec-17	Jan-18	Feb-18	Mar-18	Apr-18	May-18
Teaching	25	35	20	35	30	20	20	20	20	20	20	20
Research	35	35	40	50	40	50	50	50	50	50	50	50
Extension	10	10	10	5	10	10	10	10	10	10	10	10
Administration Placement Officer, ADAC & RI and purchase for Dept	30	20	30	10	20	20	20	30	30	30	30	30
Others	--	--	--	--	--	--	--	--	--	--	--	--
Dr. S.MoghanaLavanya, Assistant Professor												
Activities	Jun-17	Jul-17	Aug-17	Sep-17	Oct-17	Nov-17	Dec-17	Jan-18	Feb-18	Mar-18	Apr-18	May-18
Teaching	40	40	40	45	45	45	45	45	40	40	40	40

Research	35	35	35	30	30	30	30	35	35	35	35	35
Extension	5	5	5	5	5	5	5	5	5	5	5	5
Administration	-	-	-	-	-	-	-	-	-	-	-	-
Others	20	20	20	20	20	20	20	20	20	20	20	20
Dr. M. Malarkodi, Assistant Professor [HRM], Department of Social Sciences, AC&RI, Killikulam Dr. K.Uma, Professor [ARM], FC&RI, Mettupalayam, Coimbatore												
Activities	Jun-17	Jul-17	Aug-17	Sep-17	Oct-17	Nov-17	Dec-17	Jan-18	Feb-18	Mar-18	Apr-18	May-18
Teaching	40	40	50	50	50	50	50	50	40	40	40	40
Research	30	20	20	20	20	20	20	20	20	20	20	20
Extension	10	10-	10	10	10	10	10	10	10	10	10	10
Administration	-	-	-	-	-	-	-	--	-	--	---	--
Others	20	20	20	20	20	20	20	20	30	30	30	30

D. TRADE AND INTELLECTUAL PROPERTY

Activities	June 2017	July 2017	Aug 2017	Sep 2017	Oct 2017	Nov 2017	Dec 2017	Jan 2018	Feb 2018	Mar 2018	Apr 2018	May 2018
Dr.T.Alagumani, Professor and Head												

List of Participants

University Officers

01. Dr.M.Chinnadurai, Director, CARDS
02. Dr.R.Venkatram, Director, Planning and Monitoring
03. Dr.H.Philip, Director of Extension Education

Agri .Economics

04. Dr.K.Mani, Professor and Head
05. Dr.K.Chandran, Professor
06. Dr.C.Sekhar, Professor
07. Dr.P.Paramasivam, Professor
08. Dr.K.R.Ashok, Professor
09. Dr.S.Muraligopal, Professor
10. Dr.D.Suresh Kumar, Professor
11. Dr.K.R.Karunakaran, Professor
12. Dr.M.Anjugam, Professor
13. Dr.A.Vidyavathi, Assoc.Professor

Agri.Extension and Rural Sociology

14. Dr.P.Sumathi, Professor
15. Dr.N.Sriram, Assoc.Professor
16. Dr.R.Premavathi, Assoc.Professor
17. Dr.SrivaraBudhiBhuvaneswari, Asst. Professor

Agri.& Rural Management

18. Dr. K. Mahendran, Professor and Head
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27. Tmt.R.Sasikala, Asst. Professor

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85. Dr. K.P.Vanetha, Asst Professor

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86. Dr. M.A.Vennila, Asst Professor

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89. Dr.R.Manimekalai, Asst. Professor

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90. Dr.G.Anand, Asst Professor