

Frontline Demonstrations (FLDs)

S. No.	Category/ Crop or enterprise	Prioritized problem	Technologies Demonstrated	Source of Technology	Status*	No. of Demo	Area (ha)/ Units	Total cost involved (Rs.)	Team members involved	No. of demos targeted in DFI village(s)	No. of demos targeted under SC-SP
1	Paddy	<ul style="list-style-type: none"> • Use of old varieties NLR 34449, ADT.45, BPT.5204 • Incidence of leaf folder, stem borer & blast • Low market price (NLR 34449, ADT.45) 	Demonstration of paddy variety ADT 54 and ICM practices	TNAU 2020	New	10		22700	Dr.T.Selv araj and Dr.P.R.N isha		1
2	Compost	<ul style="list-style-type: none"> • Soil are Low in fertility. • SOM is Less than 0.05% • About 24% of the Yield is affected due to deficient nutrient supply during cropping period 	Demonstration of urea free coir pith compost production method and its effect on pulses	CPCRI 2016	New	5		16500	Dr.T.Selv araj and Dr.P.R.N isha		1
3	Coco nut	<ul style="list-style-type: none"> • Occurrence of invasive pest in Coconut, Excess 	Demonstration of Rugose Spiraling whitefly	TNAU 2015	New	10		21000	Dr. Gayathri Subbiah & Dr.P.R. Nisha	1	1

		of chemical sprays, Yield loss	management strategies in Coconut								
4	Chillies	<ul style="list-style-type: none"> • Incidence of viral disease complex, Excess of chemical sprays, Yield loss 	Demonstration of Integrated Management against vector borne viruses in Chilli	TNAU 2018	New	10		14750	Dr. Gayathri Subbiah & Dr.P.R.Nisha	4	1
5	Farm machinery	<ul style="list-style-type: none"> • Drudger y in manual threshing • Poor recovery due to road side threshing • Low price due to impurities 	Millet Thresher	VPKAS, Almor a, 2009	New	1		34000	Dr.M.Sidharth and Dr.P.R.Nisha		
6	Farm machinery	<ul style="list-style-type: none"> • Labour intensive , Lower planting efficiency and Drudger yin manual planting of Vegetable transplanting 	Vegetable Seedling Transplanter	TNAU	New	1		11500	Dr.M.Sidharth and Dr.P.R.Nisha	1	
7	Pig	<ul style="list-style-type: none"> • High Back fat thickness • Low profit from pigs due to piglet mortality • Poor marketing 	Demonstration of TANUVAS KPM Gold pigs for improved production	TANUVAS, 2018	New	5		26500	Dr.K.Devaki and Dr.P.R.Nisha	1	1

		facilities									
8	Dairy	<ul style="list-style-type: none"> • Higher disease incidence • Decreased production • Lack of timely veterinary aid • Low income to the farmers 	Demonstration of Ethno Veterinary Herbal medicine for the treatment of Repeat Breeders in cattle	TANU VAS, 2018	New	20		5500	Dr.K.Devaki and Dr.P.R.Nisha	5	5
9	Rabbit	<ul style="list-style-type: none"> • Lack of awareness on Soviet Chinchilla Rabbits • Non availability of quality bunnies • Marketing problems 	Demonstration of Soviet Chinchilla rabbit rearing among farmers for improved income	TANU VAS, 2019	New	5		13500	Dr.K.Devaki and Dr.P.R.Nisha	1	1
10	Poultry	<ul style="list-style-type: none"> • Low income of farmers 	Demonstration of backyard rearing of Nandanam Broiler 3 chicken among rural farmers	TANU VAS, 2018	OFT to FLD	10		22250	Dr.K.Devaki and Dr.P.R.Nisha	2	5
11	Fisheries	<ul style="list-style-type: none"> • Unaware of scientific knowledge in fish culture • Lower fish yield (<2000kg/Ha) • Lack of knowledge 	Demonstration of Jayanti Rohu fish in low saline (2-4ppt) water based grow-out pond culture	ICAR-CIFA, 2017	New	8		31500	Dr.K.Sivakumar and Dr.P.R.Nisha	1	1

		<p>ge on fish varieties suitable for low saline water</p> <ul style="list-style-type: none"> • Reduced growth rate (<0.3kg/fish) 									
1 2	Fisheries	<ul style="list-style-type: none"> • Unaware of knowledge of prawn with fish polyculture • Low fish yield (<2000kg/Ha) • Often low market price for carps (Selling price <Rs.60/kg) • Lower income status of farmer 	Demonstration of Freshwater prawn and carps polyculture in farm ponds	ICAR-CIFE, 2015	New	5		29000	Dr.K.Sivakumar and Dr.P.R.Nisha		1
1 3	Food processing	<ul style="list-style-type: none"> • Highly perishable • Seasonal and get less price for farmers • Less processing technologies adopted by farmers 	Demonstration of Ready to eat and ready to cook mushroom products	TNAU, 2013	New	10		11500	Dr.Vimalarani and Dr.P.R.Nisha	1	1