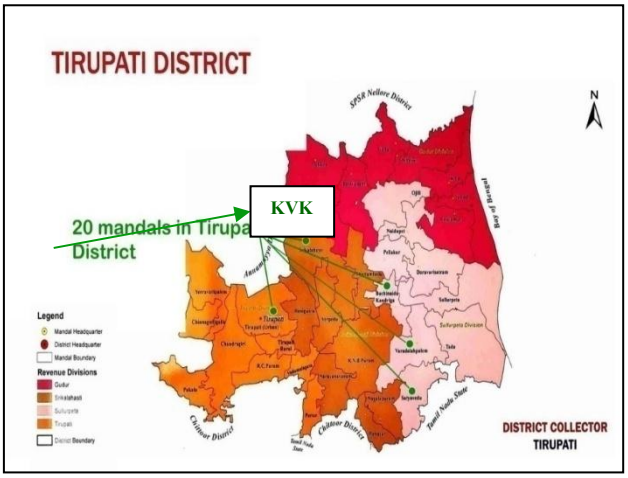
ICAR-Agricultural Technology Application Research Institute (ICAR-ATARI)

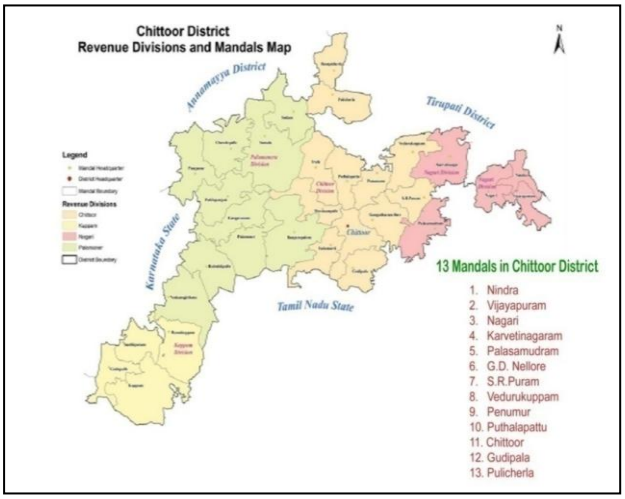
ACTION PLAN 2026-27

1. General information about the Krishi Vigyan Kendra

1.1 Name of the KVK	**RASS – Krishi Vigyan Kendra**
Address	RASS – Krishi Vigyan Kendra, Vanasthali Karakambadi (Po), Renigunta (M) Tirupathi (Dist.), Andhra Pradesh-517 520.
Phone	0877- 2240203
Fax	0877-2244281
e-mail	rasskvk@gmail.com, arkvk@yahoo.co.in
1.2. Name of host organization	Rashtriya Seva Samithi (RASS)
Address	RASS – Seva Nilayam, AIR bypass road Tirupathi, Andhra Pradesh – 517 502
Phone	0877 – 2242404
e-mail	rassratnam@yahoo.com, rassorg@gmail.com
1.3. Year of sanction	1992
1.4. Website of the KVK	www.kvkchittoor.com,
Date of last update	30.07.2026

1.5. District map with location of the KVK
GPS reading (from Google Maps) of the Entrance of KVK: 13.70003, 79.48897





2. Details of staff as on date

S. No	Sanctioned post	Name	Discipline	Date of joining	Present pay scale
1	Senior Scientist & Head/ Programme Coordinator	Dr. S. Sreenivasulu	Agronomy	07/07/2016	1,31,400 -2,17,100
2	SMS1	P. S. Sudhakar	Horticulture	01/10/2011	56,100 – 1,77,500
3	SMS 2	Dr.V. Divya	Agronomy	03/11/2017	56,100 – 1,77,500
4	SMS 3	T. Ramu Kumar	Ag. Extension	03/08/2018	56,100 – 1,77,500
5	SMS 4	Dr.D. Anusha	Veterinary	08/12/2022	56,100 – 1,77,500
6	SMS 5	B. Divya Sudha	Home Science	01/03/2025	56,100 – 1,77,500
7	SMS 6	Dr. G. Anil Kumar	Entomology	02/01/2026	56,100 – 1,77,500
8	Prog. Assistant/T4-1	L.Priyanka	Soil Science	01/12/2020	35,400 – 1,12,400
9	Prog. Assistant/T4-2	V.Devi	Computer	29/09/2011	35,400 – 1,12,400
10	Farm Manager/T4	G. Suresh	Plant breeding	01/08/2024	35,400 – 1,12,400
11	Administrative Staff 1 (Assistant)	V.Nagaraju	Assistant	01/06/2001	35,400 – 1,12,400
12	Administrative Staff 2 (Stenographer Grade III)	M.Pallavi	Stenographer	01/11/2017	25,500 – 81,100
13	Driver/T1 – 1	N. Shiva	Tractor Driver	02/01/2026	21,700 – 69,100
14	Driver/T1 – 2	Vacant	Sumo Driver	-	21,700 – 69,100
15	Supporting Staff 1	P. Venugopal	Field staff	01/09/1993	18,000 – 56,900
16	Supporting Staff 2	V. Chandu	Skilled Support Staff	01.03.2024	18,000 – 56,900

3. Details of SAC meeting(s) conducted during 2025-26:

Date(s) of SAC meeting(s) Conducted: 06.02.2025

Suggestions and recommendations of the SAC and Action Taken on the Recommendations

S.No.	Suggestions/Recommendations (bullet points)	Name of the SAC Member	Action Taken in brief
1	➢ Suggested to conduct FLDs on NLR 40054 paddy variety ➢ Document short videos on successful interventions of KVK	Dr.G. Sivanarayana, Director of Extension, ANGRAU	➢ Conducting FLD on Paddy variety NLR 40054 ➢ Documenting short videos
2	➢ Suggested to conduct OFT on LCA 680 and 657 varieties in chilli ➢ Suggested to create more awareness on chemical free farming	Dr.B. Govindarajulu Director of Extension, Dr. YSRHU	➢ Trails on LCA 680 and 657 in chilli are under progress ➢ Creating awareness on chemical free farming in all KVK programmes
3	➢ Suggested to organize farmer training programmes on management of seasonal diseases in livestock and quality milk production	Dr. B. Shobhamani Director of Extension, SVVU, Tirupati	➢ Organizing the training programmes and animal health camps at operational area of KVK
4	➢ Suggested to conduct FLD on trash shredder cum incorporator in sugarcane	Dr.C. Ramana, Principal Scientist, Farm mechanization, RARAS, Tirupati	➢ Conducting demonstrations

5	➢ Conduct training programmes on quality seed production in major crops	Dr.B. Rupesh Kumar Reddy, Seed Officer, RARS, Tirupati	➢ Creating awareness on quality seed production practices in trainings
6	➢ Suggested to conduct trials on Sex Sorted Semen in dairy animals	Dr.B. Sunitha ADAH, Tirupati	➢ Trials under Progress
7	➢ Conduct awareness programmes on flower and fruit drop management in mango	Sri R. Nageswara Raju, SAC member farmer	➢ Conducting awareness programmes and demonstrations

Proposed date/month of SAC Meeting to be held in 2026-27: 26.02.2027

4.0 Capacity Building activities planned for KVK Staff

Annual training plan (ATP) to be prepared by each KVK for its HRD of staff.

4.1. Plan for Human Resource Development of KVK personnel during 2026-27

S. No	Name of the Head/ SMS/Staff	Area of Training	Institution proposed to attend	Duration	Dates (dd/mm/yy)
1	P.S. Sudhakar, SMS, Horticulture	IPM in Mango	NIPHM, Hyderabad (online)	1 day	22.07.2026
2	P.S. Sudhakar, SMS, Horticulture	Climate smart agricultural technologies	MANAGE, Hyderabad	3days	06.10.26 to 09.10.26
3	P.S. Sudhakar, SMS, Horticulture	Dissemination of Climate smart Horticultural technologies	MANAGE, Hyd. Collaborative Online, IIHR, Bangalore	3days	13.12.26 to 15.12.26
4	P.S. Sudhakar, SMS, Horticulture	Promotion of Organic Farming, Natural Farming & Sustainable Agriculture	MANAGE, Hyd Collaborative online, SIAET, Bhopal	-	September
5	Dr.G. Anil Kumar, SMS, Plant Protection	Non-Insect Pest Management	NIPHM, Hyderabad	3 days	08.07.26 to 10.07.2026
6	Dr.G. Anil Kumar, SMS, Plant Protection	Detection and identification of pests	NIPHM, Hyderabad	3 days	03.08.26 to 07.08.26
7	T. Ramu Kumar SMS, Agril Extension	Training Program on Farmer Producer Organizations and Agripreneurs	MANAGE, Hyderabad	3 days (off campus / online)	September, 2026
8	T. Ramu Kumar SMS, Agril Extension	Drone Technology for Agricultural Extension	MANAGE, Hyderabad	December, (webinar)	December, 2026

*One HRD training per SMS selected from ICAR/ SAU training calendars; At any point of time only one staff to be deputed from KVK to participate in training of more than 5 days duration. Nominations to be approved by DEE for SAU KVKs/ Director of ICAR KVKs / ATARI for NGO/ DU KVKs recommended by host organization for deputation in trainings/ workshops/ seminars/ conferences where travel cost and course fee/ registration charge is involved. Expenditure for nominations not duly approved as above will have to be met from sources other than KVK budget or by sponsoring agency.

5. Cross-learning across KVKs planned during 2026-27

S.No.	What expertise/ resources KVK can offer/ share to other KVKs		What you expect from other KVKs	
	Subject area/ resource/ expertise	**Mention other KVK names**	**Subject area/ resource/ expertise**	**Mention source KVK**
1	High density plantation of Mango	KVKs of Southern zone	TMR preparation	KVK, LAM
2	Commercial floriculture	KVKs of Southern zone	Silage preparation	KVK, LAM
3	Hitech Cultivation of vegetables	KVKs of Southern zone		

6. Operational areas proposed during 2026-27

6.1. Details of operational area/cluster villages

District/ Taluk/ Block	Major crops & enterprises	Prioritized problems in these crops/ enterprise	Extent area (ha/No affected	Names of cluster Villages identified for intervention	Proposed intervention*
Chittoor	Groundnut	Drought during the Kharif season in Rainfed areas, poor nutrient management due to increase in cost of potassium fertilizers resulting in lower pod yield and Non availability of improved varieties with high yielding tolerant to diseases	7500	Annuru, RKVB Peta, Rajula Kandriga, Padirikuppam	OFT/ FLD/ Training/ Field Day/ Method demonstrations/ Awareness camp
Tirupati	Sesamum	Non availability of improved varieties with high yielding tolerant to diseases	680	Kothuru, Raypedu, Vagathuru, Diguvaputhuru, Thimmasamudram	OFT/ FLD/ Training/ Field Day
Chittoor	Sugarcane	Poor ratoon management leads to lower cane yield, indiscriminate use of fertilizers leads to low yield	1580	Annuru, RKVB Peta, Rajula Kandriga, Padirikuppam	OFT/ FLD/ Training/ Field Day/ Method demonstrations
Tirupati	Blackgram	Non availability of improved varieties tolerant to viral diseases	2560	Kothuru, Raypedu, Vagathuru, Diguvaputhuru, Thimmasamudram	OFT/ FLD/ Training/ Field Day
Chittoor	Redgram	Non availability of improved varieties tolerant to SMD and wilt	50	Annuru, RKVB Peta, Rajula Kandriga, Padirikuppam	OFT/ FLD/ Training/ Field Day

Chittoor	Paddy	Non availability of improved varieties with disease tolerant and high yielding	30820	Annuru, RKVB Peta, Rajula Kandriga, Padirikuppam	OFT/ FLD/ Training/ Field Day/ Awareness camp
Tirupati	Bajra	Non availability of improved varieties, drought during kharif season, no weed management and poor nutrient management results in low grain yield	3220	Kothuru, Raypedu, Vagathuru, Diguvaputhuru, Thimmasamudram	OFT/ FLD/ Training/ Field Day/ Method demonstrations/ Awareness camp
Karvetinagaram, KVB Puram, Chinnagottigallu, Nindra and Narayanavanam	Mango	Low returns from mango due to unfavorable climatic weather conditions	5946	RKVB peat, Annur Brahmanapalli, Eguvapoodi, Chittecherla and G N Kandriga	FLD& Training
Karvetinagaram, Chinnagottigallu, Puttur	Coconut	Low returns from Coconut due to sole cropping, imbalanced nutrient application	149.6	K.M. Puram, Annur Deendarlapalli, Chittecherla, Thaduku, Thorrur and Puttur	OFT & Training
Karvetinagaram, KVB Puram, Chinnagottigallu, Nindra and Narayanavanam	Chilli	Low yields from existing varieties due to black thrips, Leaf curl viral disease incidence and also due to heavy rains during NE monsoon season, imbalanced use of fertilizers	128.16	Annur, KM puram Thimmasamudram, Ragigunta, Agarampeta and GN Kandriga	OFT, FLD & Training
KVB Puram, Chinnagottigallu	Tomato	Low net returns due to high cost of cultivation, imbalanced use of fertilizers pest and disease management during spring summer	650	Thimmasamudram, Karlapudi, Chittecherla, Cheruvumundarapalli	OFT & Training
Karvetinagaram, KVB Puram, Nindra and Pichatur	Brinjal	Low returns due to Imbalanced use of chemical fertilizers, indiscriminate use of chemical pesticides against insect pest and diseases	211	Thimmasamudram, Karlapudi, Agarampeta, Athur and Karur	FLD, Training

Karvetina garam, KVB Puram	Bittergourd	Low returns due to high cost of cultivation with adoption of indiscriminate use of chemical fertilizers and pesticides	22.0	Thimmasamudram, Karlapudi, Chittecherla,	FLD & Training
KVB puram, Chinnago ttigallu	Dolichos bean	Low yields from existing varieties, high incidence of pod borers, Rust, CMV incidence	12.0	Thimmasamudram, Karlapudi, Chittecherla,	FLD & Training
KVB Puram, Chinnago ttigallu	Melons	Low returns from existing varieties, excessive use of chemical fertilizers and pesticides	511	Brahmanapalli, Thimmasamudram, Karlapudi, Chittecherla	Training
KVB Puram, Chinnago ttigallu	flowers (Marigold, Tuberose, rose and chrysanthem um)	Low returns due to weed menace, abiotic factors	120	Thimmasamudram, Karlapudi, Chittecherla and G N Kandriga	Training
KVB Puram	Milch animals	Mastitis, low milk yield, fat percentage, Tick infestation	40 percent of animals	Kotthuru, karlapudi, brahmana Pattu	Trainings, FLD (Chelate mineral mixture)
Karvetina garam	Poultry	Mortality, low weight gain, low egg production	60 percent of birds	Annuru, Krishnasamudram	Trainings, OFT (improved poultry breeds)
Karvetina gar/ KVB Puram	Nutrition	Mal nutrition, nutrition deficiencies in women and children	-	Operational mandals	Training Programmes
Karvetina gar/ KVB Puram	Others	Lack of awareness Good Agricultural Practices in standing crops	-	Operational mandals	Training programmes/ awareness programmes
Karvetina gar/ KVB Puram	Others	Labour shortage for intercultural operations especially for spraying	-	Operational mandals	FLD, Training programmes and awareness programme
Karvetina gar/ KVB Puram	Others	Less awareness about Farmer Producers Organizations	-	Operational mandals	Training,

***(OFT/ FLD/ Training/ Field Day/ Method demonstrations/ Awareness camp)**

6.2. Details of adopted villages

District/Taluk/ Block	Name of cluster villages	Major Crops & Enterprises	Major problems identified in each crop/enterprise	Proposed type of interventions*
Karvetinagaram	Annuru, RKVB Peta, Rajula Kandriga, Padirikuppam	Sugarcane	Non availability of improved varieties, weed growth, soil-water conservation, Ratoon management	OFT/ FLD/ Training/ Field Day/ Method demonstrations/ Awareness camp
Karvetinagaram	Annuru, RKVB Peta, Rajula Kandriga, Padirikuppam	Groundnut	Drought during the Kharif season in Rainfed areas, nutrient management and Non availability of improved varieties	OFT/ FLD/ Training/ Field Day
Karvetinagaram	Annuru, RKVB Peta, Rajula Kandriga, Padirikuppam	Sesamum	Non availability of high yielding disease tolerant improved varieties	OFT/ FLD/ Training/ Field Day/ Method demonstrations
Karvetinagaram	Annuru, RKVB Peta, Rajula Kandriga, Padirikuppam	Blackgram	Non availability of improved varieties, viral diseases	OFT/ FLD/ Training/ Field Day
Karvetinagaram	Annuru, RKVB Peta, Rajula Kandriga, Padirikuppam	Greengram	Non availability of improved varieties	OFT/ FLD/ Training/ Field Day
Karvetinagaram	Annuru, RKVB Peta, Rajula Kandriga, Padirikuppam	Paddy	Non availability of high yielding disease tolerant improved varieties	OFT/ FLD/ Training/ Field Day/ Awareness camp
Karvetinagaram	Annuru, RKVB Peta, Rajula Kandriga, Padirikuppam	Farm machinery	Deep tillage	OFT/ FLD/ Training/ Field Day/ Method demonstrations/ Awareness camp
KVB Puram	Kothuru, Raypedu, Vagathuru, Diguvaputhuru, Thimmasamudhram	Groundnut	Drought during the Kharif season in Rainfed areas and Non availability of improved varieties	OFT/ FLD/ Training/ Field Day
KVB Puram	Kothuru, Raypedu, Vagathuru, Diguvaputhuru, Thimmasamudhram	Sesamum	Non availability of high yielding disease tolerant improved varieties	OFT/ FLD/ Training/ Field Day/ Method demonstrations
KVB Puram	Kothuru, Raypedu, Vagathuru, Diguvaputhuru, Thimmasamudhram	Blackgram	Non availability of improved varieties, Non availability of labour and cost of manual weeding	OFT/ FLD/ Training/ Field Day
KVB Puram	Kothuru, Raypedu,	Sugarcane	Non availability of	OFT/ FLD/

	Vagathuru, Diguvaputhuru, Thimmasamudhram		improved varieties, weed growth, soil-water conservation, Ratoon management	Training/ Field Day
KVB Puram	Kothuru, Raypedu, Vagathuru, Diguvaputhuru, Thimmasamudhram	Paddy	Non availability of high yielding disease tolerant improved varieties	OFT/ FLD/ Training/ Field Day/ Awareness camp
KVB Puram	Kothuru, Raypedu, Vagathuru, Diguvaputhuru, Thimmasamudhram	Bajra	Non availability of high yielding varieties, poor nutrient & weed management practices	FLD & Training/Field Day
Karvetinagaram, KVB Puram,	RKVB peta, Annur Brahmanapalli, Eguvapoodi,	Mango	Low returns from mango due to unfavorable climatic weather conditions	FLD & Training
Karvetinagaram, KVB Puram,	KMPuram, Annur	Coconut	Low returns from Coconut due to sole cropping, imbalanced nutrient application,	OFT & Training
Karvetinagaram, KVB Puram,	Annur, KM puram Thimmasamudram, Ragigunta	Chilli	Low yields from existing varieties due to black thrips, Leaf curl viral disease incidence and also due to heavy rains during NE monsoon season, imbalanced use of fertilizers	OFT, FLD & Training
Karvetinagaram, KVB Puram,	Annur, KM puram, RKVBpeta, Thimmasamudram, Karlapudi	Tomato	Low net returns due to high cost of cultivation, imbalanced use of fertilizers pest and disease management during spring summer season	OFT & Training
Karvetinagaram, KVB Puram,	Annur, KM Puram, Thimmasamudram, Karlapudi,	Brinjal	Low returns due to practices like Imbalanced use of chemical fertilizers, indiscriminate use of chemical pesticides against insect pest and diseases	FLD & Training
KVB puram, Chinnagottigallu	Thimmasamudram, Karlapudi, Brahmanapalli	Dolichos bean	Low yields from existing varieties, high incidence of pod borers, Rust, CMV incidence	FLD & Training
KVB Puram	Thimmasamudram, Karlapudi	Bittergourd	Low returns due to high cost of	FLD & Training

			cultivation with adoption of indiscriminate use of chemical fertilizers and pesticides	
KVB Puram	Brahmanpalli, Thimmasamudram, Karlapudi	Melons	Low returns from existing varieties, excessive use of chemical fertilizers and pesticides	Training
Karvetinagaram, KVB Puram	Thimmasamudram, Karlapudi	flowers (Marigold, Tuberose, rose, chrysanthemum)	Low returns due to weed menace, abiotic factors	Training
KVB Puram	Ragigunta, Kotthuru, karlapudi	Milch animals	Repeat breeding, mastitis, low milk yield	Trainings, Method demonstrations, FLD
Karvetinagaram	Annuru, Rajula kandriga	Sheep and goat	Low weight gain, mortality	OFT, Trainings
Karvetinagarm/ KVB Puram	Adopted villages	Nutrition	Mal nutrition, nutrition deficiencies in women and children	Training Programmes
Karvetinagarm/ KVB Puram	Adopted villages	Others	Lack of awareness Good Agricultural Practices in standing crops	Training programmes/ awareness programmes
Karvetinagarm/ KVB Puram	Adopted villages	Others	Labour shortage for intercultural operations especially for spraying	FLD, Training programmes and awareness programme
Karvetinagarm/ KVB Puram	Adopted villages	Others	Less awareness about Farmer Producers Organizations	Training, awareness programmes

***(OFT/ FLD/ Training/ Field Day/ Method demonstrations/ Awareness camp)**

6.3 Details of DFI villages

District/Taluk/ Block	Name of cluster villages	Major Crops & Enterprises	Major problems identified in each crop/enterprise	Proposed type of interventions
Tirupati/ Chinnagottigallu	Deendarlapalli, Chittecherla	Paddy, Groundnut, Redgram, Blackgram, Sugarcane,	➢ Non availability of improved high yielding, disease tolerant varieties in field crops ➢ Indiscriminate use of fertilizers and Pesticides	OFT, FLD and training programmes
Chittoor/Nindra	Agarampeta	Paddy, Groundnut, Greengram, Blackgram, Sugarcane,	➢ Non availability of improved high yielding, disease tolerant varieties in field crops	OFT, FLD and training programmes

		Sunflower, sesamum	➢ Non availability of improved varieties, ➢ Labour scarcity ➢ Pest and disease incidence	
Chinnagottigallu and Nindra	Chittecherla, Deendarlapalli, Agarampeta	Mango	➢ Low returns from mango due to unfavorable climatic weather conditions	FLD, Field Day & Training
Chinnagottigallu	Chittecherla, Deendarlapalli,	Coconut	➢ Low returns from Coconut due to sole cropping, imbalanced nutrient application	OFT, FLD & Training
Chinnagottigallu	Chittecherla, Deendarlapalli,	Tomato	➢ Low net returns due to high cost of cultivation, imbalanced use of fertilizers pest and disease management during spring summer season	OFT & Training
Nindra	Agarampeta	Brinjal	➢ Low returns due to practices like Imbalanced use of chemical fertilizers, indiscriminate use of chemical pesticides against insect pest and diseases	FLD, Field Day & Training
Nindra	Agarampeta	Chilli	➢ Low yields from existing varieties due to black thrips, Leaf curl viral disease incidence and also due to heavy rains during NE monsoon season, imbalanced use of fertilizers	OFT, FLD, Field Day & Training
Chinnagottigallu	Chittecherla, Deendarlapalli	Dolichos Beans	➢ Low yields from existing varieties, high incidence of pod borers, Rust, CMV incidence	FLD & Training
Chinnagottigallu	Chittecherla, Deendarlapalli	Melons	➢ Low returns from existing varieties, excessive use of chemical fertilizers and pesticides	Training
Chinnagottigallu	Chittecherla, Deendarlapalli,	flowers (Marigold, Tuberose, chrysanthemum)	➢ Low returns due to weed menace, abiotic factors	Training

***(OFT/ FLD/ Training/ Field Day/ Method demonstrations/ Awareness camp)**

7. Summary (targets) of mandated activities planned for the year 2026-27

S.No.	Activities	Target
1. On- farm trials		
	a. No of OFTs	18
	b. No of Technologies (Total new technologies except FP)	36
	c. No. of locations (No. of Villages)	12
	d. No. of Beneficiaries (No. of Farmers fields/replications)	58
	e. Area (Total area in ha)	11.6
	Eg. a. 6 OFTs (Six titles) b. 12 Technologies (@ 2 new technologies per OFT) c. 4 locations (6 OFTs will be conducted in 4 villages) d. 30 beneficiaries (@ 5 replications per OFT assuming that TO1, TO2 and FP are in same farmer's field). e. Area:15 ha (minimum 0.1 ha per plot)	
2. Frontline Demonstrations		
	a. No. of FLDs	16
	b. No. of Locations (No of villages)	12
	c. No. of Beneficiaries (No of Farmers fields/replications)	71
	d. Area (Total Area planned in ha)	16
	Eg. a. 18 FLDs (18 Titles/Technologies) b. 7 locations (18 FLDs will be conducted in 7 villages) c. 180 beneficiaries (@ 10 replications per FLD assuming that the Demo plot and FP plot are in same farmer's field) d. Area:150 ha (minimum 0.4 ha per plot)	
3. Trainings for Farmers and Farm Women		
	a. No. of programmes	42
	b. No. of participants	930
4. Trainings for Rural Youth		
	a. No. of programmes	15
	b. No. of participants	285
5. Trainings of Extension Personnel		
	a. No. of programmes	16
	b. No. of participants	365
6. Extension Activities		
	No. of activities (Total number of activities listed in Table ---)	479
	No. of participants	62495
7. Production of seed (in quintals) (Crop-wise)		
	Groundnut	75q
	Sesame	6q
	Blackgram	10q
	Paddy	30q
	Drumstick	0.1q
	Chilli	0.1q
8. Production of planting materials (in Nos.) (Crop-wise)		
	Tomato	45000 Nos
	Chilli	160000 Nos
	Brinjal	40000 Nos
	Onion	50000 Nos
	Bittergourd	20000 Nos
	Chrysanthemum	20000 Nos
	Marigold	60000 Nos
	Drumstick	5000 Nos
	Mango	5000 Nos
	Acid lime	6000 Nos
	Jamun	2000 Nos
	Tuberose	150000 Nos

	Mulberry	25000 Nos
	Medicinal plants	5000 Nos
9. Production of live-stock strains and finger lings (Category wise Nos.)		
	Poultry birds	100 Nos
10. Production of bio inputs (quantity in kg) (Item-wise)		
	Vermi compost	15000 Kg
	Azolla	120 Kg
11. Production of other inputs (specify unit) (Item-wise)		
	Millet Value added products	50kg
	Mushroom	50Kg
12. Kisan mobile advisories		
	No. of messages	40
	No. of technologies	05
	No. of farmers	33200
Other mobile advisories		
	No. of messages	50
	No. of technologies	05
	No. of farmers	4500
13. Soil testing		
	No. of soil sample testing using Mobile Soil Testing Kit	00
	No. of soil sample testing in conventional laboratory	1000
Water sample Testing (samples in No.)		20
Soil Health Cards		
	No. of Cards using Mobile Soil Testing Kit data	00
	No. of Cards using Laboratory data	1000

8. Technology Assessments proposed during 2026-27

8.1. Summary of OFTs

S. No.	Crop/ enterprise	Title of intervention	#Technological options TO-1 TO-2 FP	Source of Technology TO-1 TO-2	Status *	No. of trials (replications)	Total cost involved (Rs.)	Team members involved	No. of trials targeted in DFI village(s)	No. of trials targeted under SC-SP
1	Paddy	Assessment of yield performance of paddy varieties	TO-1: MTU 1293 TO-2: MTU 1273 FP: MTU 1010	TO-1: ANGRAU (RASRS, Marteru) TO-2: ANGRAU (RASRS, Marteru)	New OFT	3	Rs.5000/-	SMS (Agronomy) & Senior Scientist & Head	1	1
2	Groundnut	Assessment of performance of Nano gypsum to increase the productivity of groundnut	TO-1: Application of Nano gypsum @ 100 g/ha. at 30 and 60 DAS TO-2: Application of Gypsum @ 500 Kg/ha FP: Applying only Complex Fertilizers as top dressing at 20 DAS	TO-1: ANGRAU (RASRS, Tirupati) TO-2: ANGRAU (RASRS, Tirupati)	New OFT	3	Rs.6000/-	SMS (Agronomy) & Senior Scientist & Head	1	1
3	Sugarcane	Assessment of performance of ratooner implement in different spacing of sugarcane crop	TO-1: Application of ratooner implement in sugarcane crop of 80 cm inter row spacing TO-2: Application of ratooner implement in	TO-1: ANGRAU (ARS, Perumallapalli) TO-2: ANGRAU	New OFT	3	Rs.6000/-	SMS (Agronomy) & Senior Scientist & Head	1	1

			sugarcane crop of 120 cm inter row spacing FP : Farmers not using the ratooner implement in sugarcane	(ARS, Perumallapalli)						
4	Coconut	Assessment of tuber crops for intercoppng in Coconut	**TO1:** Intercopping of Coconut+Turmeric+Ginger **TO2:** Intercopping of Coconut+Colocasia+Elephant foot yam FP: Coconut sole cropping	TO1: DrYSRHU TO2: DrYSRHU	2nd Year	02	10000	SMS, Horticulture, Senior Scientist & Head, SMS Agril Extn	1	1
5	Coconut	Assessment of Integrated nutrient management in Coconut	**TO1:** .Application of recommended dose of fertilizers (1kg Urea, 2kg SSP and 2.5kg MOP +25kg FYM (or) 2kg Neem cake) in two equal split doses during June- July and September - October in the tree basins 2. Green manuring with legume crops viz., Sunhemp (or) Pillipesara (or) Daincha 3. Application of Borax@100g/tree to correct boron deficiency. **TO2:** 1.Application of 500g N, 320g P2O5 and 1200 g K2O per palm per year as RDF (1 kg urea, 2 kg super phosphate and 2 kg of MOP) in two split	TO1: DrYSRHU TO2: CPCRI	2nd Year	02	3000	SMS, Horticulture, Senior Scientist & Head, SMS Agril Extn	1	1

			doses. one-third of the recommended dose of fertilizers (170-120-400gNPK/tree) during May –June months and the remaining two-third of the recommended dose of fertilizers (330-200-890g NPK/tree) during the Aug-September months along with 50kg green leaf or compost or FYM /tree in circular basins. 2.Bioinoculant formulations containing Azospirillum spp. and Phosphate solubilising bacteria having 10^8 CFU are to be applied @100 g per palm 3. To correct Mg deficiencies, 0.5 kg of magnesium sulphate can be applied in the basin along with other fertilizers during September-October and for Boron deficiency, About 75 g of borax is to be applied at bi- monthly intervals till the symptom disappears. 4. Seeds of any of these green manure crops can be sown in the palm basin							

			with the onset of monsoon during May-June @100 g per basin and when they start flowering, the biomass can be ploughed back in the basin. **FP:** Imbalanced use of Chemical fertilizers							
6	Chilli	Assessment of performance of high yielding varieties in Chilli	**TO1:** LCA 643 **TO2:** LCA 657 **FP:** Local **(** G-4)	TO-1: DrYSRHU TO-2: DrYSRHU	2nd Year	03	3900	SMS, Horticulture, Senior Scientist & Head, SMS Agril Extn	1	1
7	Tomato	Assessment of performance of improved varieties in Tomato during spring summer	**TO1:** CoTH4 **TO2:** Arka Abhed **FP:** Sahith/Sahoo	TO-1: TNAU TO-2: IIHR	2nd Year	03	3900	SMS, Horticulture, Senior Scientist & Head, SMS Agril Extn	1	1
8	Groundnut	Assessment of Methods of Wild Boar Management in Groundnut	**TO1:** Installation of Solar fencing **TO2:** Spraying of Herboliv @ 30lit +250 lit water/ha **FP:** Tying of old sarees or GI Wire	TO-1: ANGRAU TO-2: TNAU	2nd year	2	10000	SMS (Plant Protection), Senior Scientist & Head, SMS Agril. Ext.	0	1
9	Paddy	Assessment of new molecules for sheath blight management in paddy	**TO1:** Spraying of Trifloxystrobin 10% + Difenoconazole 12.5% + Sulphur 3% SC@ 0.9 ml/L of water. **TO2:** Spraying of Tebuconazole 50% +	TO-1: ANGRAU TO-2: ANGRAU	**New**	3	7500	SMS (Plant Protection), Senior Scientist & Head, SMS Agril. Ext.	0	1

			Trifloxystrobin 25% WG @ 0.4 g /L of water. **FP:** Spraying of Hexaconazole @ 2 ml /L of water once.							
10	Mango	Assessment of Integrated Management of hoppers and thrips in mango	**TO1:** ✓ Clean cultivation and removal of weeds ✓ Proper pruning of overlapping branches after fruit harvest/rainy season (July -August). ✓ Installation of white sticky traps ✓ Spraying of neem oil (10,000 ppm) @ 2.0 ml/L of water at the time of flower bud initiation. ✓ Spraying of *Metarhizium anisopliae* (IIHR oil formulation) @ 0.5 ml per litre of water two times. ✓ Need based Spraying of Imidacloprid 17.8 % SL @ 0.3 ml/L or Spinosad 45% SC @ 0.25 ml/L at post flowering/ fruit set. **TO2:** ✓ Clean cultivation and removal of weeds ✓ Proper pruning of	TO-1: IIHR TO-2: YSRHU	**New**	3	15000	SMS (Plant Protection), Senior Scientist & Head, SMS Agril. Ext.	0	1

			overlapping branches after fruit harvest/rainy season (July -August) ✓ Installation of yellow and blue sticky traps @ 40/per acre ✓ Spraying of Neem oil 1500ppm @ 3ml/L at the time of Flower bud initiation ✓ Spraying of *Beauveria bassiana* @ 5 g/L of water two times. ✓ Need based Spraying of Thiomethaxam 25% WG @ 0.5 g/L or Spraying of Fipronil 5% SC @ 2 ml/L at post flowering/ fruit set. **FP:** Indiscriminate use of pesticides.							
11	Paddy	Assessment of Insecticide combinations against leaf folder and stem borer management in Paddy	**TO1:** Spraying of Novaluron 5.25 %+ Indoxacarb 4.5% SC@ 1ml/L of water. **TO2:** Spraying of Chlorantraniliprole @ 0.3ml /L of water. **FP:** Spraying of Cartap hydrochloride @ 2 g/L of water once.	TO-1: ANGRAU TO-2: ANGRAU	**New**	3	7500	SMS (Plant Protection), Senior Scientist & Head, SMS Agril. Ext.	0	1
12	Animal health	Assessment of performance	TO-1: ivermectin@0.02mg/kgbd	TO 1: VUTRC,	2nd year	3	3000	SMS Veterinary		2

	managemen t	of herbal extract for managing ectoparasite infestation in sheep and cattle.	wt s/c + amitraz spray on animal+shed@4ml/lit water TO-2: Amitraz spray on animal+shed@4ml/lit water FP: Manual removal	Tanjore-2012 TO 2: SVVU TIRUPATI						
13	Animal Nutrition	Assessment of effect of supplementatio n of moringa leaf meal on body weight gain in weaned lambs	TO 1: Concentrate feed with moringa leaf meal TO-2: Concentrate feed FP: Grain feeding	TO 1: SVVU TIRUPATI TO-2: SVVU, TIRUPATI.	2nd year	3	6000	SMS Veterinary		3
14	Animal Reproductio n	Assessment of efficiency of sex sorted semen through artificial insemination in dairy animals	TO-1 Artificial insemination through breed specific semen TO-2 Insemination through sex sorted semen in dairy animals FP: Green fodder+ dry fodder	TO 1: SVVU, TIRUPATI. TO-2: SVVU, TIRUPATI.	3rd year	3	3000	SMS Veterinary		3
15	Animal Production	Assessment of efficiency of Pregnancy diagnosis kits for pregnancy confirmation	TO 1: Pregnancy confirmation through Pregnancy diagnosis kits TO-2: Pregnancy diagnosis	TO 1: APCARL, PULIVENDAL A TO-2: SVVU,	New OFT	5	10000	SMS Veterinary		2

		in dairy animals.	through per-rectal examination. FP: No diagnosis	TIRUPATI.						
16	Millets	Assessment on Nutritional Status of SAM & MAM children in preschool children at Anganwadi centres	T1: Millet + Banana formulation Finger millet-75 g, Bajra-100 g, Roasted Bengal gram -100 gm & Banana flour – 40 gm T2: Millet + Pulse based Formulation (Amylase rich foods) (cereal 75% + pulse 25%) T3: Household Practice	T1: -TNAU 2021 T2: -ANGRAU 2022	2nd year	5	7500/-	Senior Scientist and Head, SMS Home Science	-	-
17	Millets	Assessment of acceptability and shelf life of Nutrient Dense Millet Chocolate Bar	T1: Nutrient Dense Millet Bar T2: Pearl Millet Snickers T3: Nutrient Millet Bar	T1: PJTSAU, Hyderabad (2022) T2: IIMR, Hyderabad 2022	2nd year	5	7500/-	Senior Scientist and Head, SMS Home Science		-
18	Fruits	Assessment of acceptability, shelf-life blended RTS beverage	T1: Squash, nectar and candy using mango and papaya T2: Squash, nectar and candy using mango and papaya (IIFPT, Thanjavur) T3 Farmers practice using as raw fruit	T1: - IIHR, Bengaluru T2: - IIFPT, Thanjavur	2nd year	5	7500/-	Senior Scientist and Head, SMS Home Science		-

Please provide only short phrases of the TO-1, TO-2 and FP (Do not provide details of the technology. Details are to be provided in 8.2

***** New OFT/2nd year/3rd year. (Conducting OFTs during third year will be allowed only under certain circumstances like failure of crop during previous OFTs due to natural calamities / animal damage, differing results obtained during first and second OFT, long duration crop or plantation crop which required three crops for deriving meaningful conclusion (eg. Sugarcane - one plant + two ratoons (or) two plant + one ratoon)

8.2. Details of OFTs (Use one table for each OFT) (TECHNOLOGY WRITEUP) 2026-27

(Please ensure the availability of inputs like seeds, animals, tools and implements, products etc., proposed to be assessed in each OFT)

Furnish existing/continuing OFTs first followed by newly proposed OFTs

OFT No.	**01**
Status (New proposal/2nd year /3rd year)	New Proposal
Subject,	Crop Production
Theme	Varietal Assessment
Category (if applicable)	Cereals
Crop/ enterprise	Paddy
Farming situation	Irrigated low lands with red clay loam soils
Prioritized problem (short)	MTU 1010 is the existing farmers variety sowing during kharif season. This variety was released during the year 2000 from ANGRAU. It is highly susceptible to diseases. Government also stopped the procurement of this paddy variety produce. This is the right time for varietal replacement with same duration improved High yielding varieties in the paddy with same duration, yield potential & disease tolerant varieties
Title of the OFT	**Assessing the yield performance of Paddy varieties**
Technology options	
TO-1	Paddy variety MTU 1293
Source and year	ANGRAU (RARS, Marteru), 2022
Description (short)	**MTU 1293** is a high-yielding, short-duration (115-120 days) rice variety released by ANGRAU in 2022. It is an improved, salt-tolerant version of the popular Mega Rice Variety MTU 1010, designed for both kharif and rabi seasons, featuring long slender grains, non-shattering nature, and resistance to BPH and blast.
Potential yield/income	Approximately 6.0 to 6.5 tonnes/hectare
Critical Inputs	Paddy variety MTU 1293 seed
Source of Inputs	ANGRAU (RARS, Marteru)
Photos	-
TO-2	**MTU 1273 Paddy Variety**
Source and year	ANGRAU (RARS, Marteru), 2022
Description (short)	**MTU 1273** (Marteru Rice 1273) is a short-duration, high-yielding paddy variety released by ANGRAU in 2022. It matures in 117–120 days, making it suitable for both Kharif and Rabi seasons. This variety is an introgressed line of MTU 1010, featuring high resistance to brown planthopper (BPH) and blast, with long slender grains
Potential yield/income	Approximately 6.0 to 6.5 tonnes/hectare
Critical inputs & quantity and cost	Paddy variety MTU 1273 seed & 30 kgs/replication – Rs.2790/- per bag (30 kg each)
Source of Inputs	ANGRAU (RARS, Marteru)

Photos	-
Farmers Practice	Paddy variety MTU 1010
Farmers yield	An average of 5.5t/ha
Season	Kharif
Cost per replication (Rs.)	1660/-
No. of replications	3
Total cost for the OFT	5000/-
Parameters to be studied	Biometric observations, Grain yield, gross cost, gross income, net income, BCR
Parameters to be reported	Biometric observations, Grain yield, gross cost, gross income, net income, BCR
Source of funding (KVK-Main/TSP/ /SC SP/ Project/Others (specify)	KVK Main
Team members	SMS (Agronomy), SMS Agril. Ext. & Senior Scientist & Head

OFT No.	**02**
Status (New proposal/2nd year /3rd year)	New proposal
Subject,	Crop Production
Theme	Crop Production & Management
Category (if applicable)	Oilseeds
Crop/ enterprise	Groundnut
Farming situation	Irrigated uplands with red sandy loam soils
Prioritized problem (short)	Low productivity of groundnut the district is mainly due to imbalanced plant nutrition, farmers often apply only nitrogen neglecting secondary and micronutrients which affects crop growth, pod formation and development. Application of Nano nutrients - is an emerging technology designed to improve nutrient use efficiency due to its higher surface area making nutrients more efficiently available to plants. So, it is necessary to assess the application gypsum as nano particles to groundnut plant for increasing the productivity.
Title of the OFT	**Assessment of Nano gypsum for improving productivity in groundnut**
Technology options	
TO-1	Application of Nano gypsum @ 100 g/ha. at 30 and 60 DAS
Source and year	ANGRAU (RARS, Tirupati) – 2025
Description (short)	Spraying of Nano gypsum @ 100 g/ha in 500 liters of water at 30 and 60 DAS of groundnut crop.
Potential yield/income	35-40q/ha pod yield
Critical Inputs	Nano gypsum
Source of Inputs	ANGRAU (RARS, Tirupati)

Photos	-
TO-2	Application of Gypsum @ 500 Kg/ha
Source and year	ANGRAU (RARS, Tirupati) – 2025
Description (short)	Application of Gypsum @ 500 Kg/ha at 50% flowering for groundnut crop
Potential yield/income	30-35q/ha
Critical inputs & quantity and cost	Gypsum, 500 kgs @ 6000/-
Source of Inputs	Input dealers
Photos	-
Farmers Practice	Application of urea/complex fertilizers @ 125 kg/ha
Farmers yield	25-30q/ha
Season	Rabi
Cost per replication (Rs.)	Rs.2000/-
No. of replications	3
Total cost for the OFT	Rs. 6000/-
Parameters to be studied	Pod yield, growth parameters, gross cost, gross income, net income, BCR
Parameters to be reported	Pod yield, gross expenditure, gross income, net income, BCR
Source of funding (KVK-Main/TSP/ /SC SP/ Project/Others (specify)	KVK Main
Team members	SMS (Agronomy), SMS Agril. Ext. & Senior Scientist & Head

OFT No.	**03**
Status (New proposal/2nd year /3rd year)	New proposal
Subject,	Crop production
Theme	Farm Machinery
Category (if applicable)	Commercial Crops
Crop/ enterprise	Sugarcane
Farming situation	Irrigated uplands with red sandy loam soils
Prioritized problem (short)	Due to poor management practices or not practicing the stubble shaving productivity of sugarcane is decreasing in the ratoon crop there by reduction in the number of ratoons. It will leads to increase in the cost of cultivation of sugarcane farmer. Using the ratooner implement after main crop harvest will increases the number of shoots per clump by stubble shaving there by increases the productivity of ratoon crop in sugarcane
Title of the OFT	**Assess the performance of ratooner implement in different spacing of sugarcane**
Technology options	
TO-1	Application of ratooner implement in sugarcane crop of 80 cm inter row spacing

Source and year	ANGRAU (ARS, Perumallapalle) – 2024
Description (short)	Application of ratooner implement in 80 cm inter row spacing of sugarcane crop
Potential yield/income	50-55t/ha cane yield
Critical Inputs	Ratooner farm implement
Source of Inputs	ANGRAU (ARS, Perumallapalle)
Photos	-
TO-2	Application of ratooner implement in sugarcane crop of 120 cm inter row spacing
Source and year	ANGRAU (ARS, Perumallapalle) – 2024
Description (short)	Application of ratooner implement in 120 cm inter row spacing of sugarcane crop
Potential yield/income	50t/ha cane yield
Critical inputs & quantity and cost	Ratooner farm implement & 2000/-
Source of Inputs	ANGRAU (ARS, Perumallapalle)
Photos	-
Farmers Practice	No ratooner implement application for ratoon management for sugarcane crop
Farmers yield	45t/ha cane yield
Season	Rabi
Cost per replication (Rs.)	2000/-
No. of replications	3
Total cost for the OFT	6000/-
Parameters to be studied	Bio-metrical observations, Grain yield, gross cost, gross income, net income, BCR
Parameters to be reported	Bio-metrical observations, Grain yield, gross expenditure, gross income, net income, BCR
Source of funding (KVK-Main/TSP/ /SC SP/ Project/Others (specify)	KVK Main
Team members	SMS (Agronomy), SMS Agril. Ext. & Senior Scientist & Head

OFT No.	**04**
Status (New proposal/2nd year /3rd year)	2nd Year
Subject,	Horticulture
Theme	Crop production and management
Category (if applicable)	Plantation Crops
Crop/ enterprise	Coconut
Farming situation	Irrigated Red Sandy Clay loams
Prioritized problem (short)	Low returns from Sole cropping of Coconut

Title of the OFT	**Assessment of suitable crops for Intercopping in Coconut**
Technology options	
TO-1	Intercropping of Coconut+Turmeric+Ginger
Source and year	DrYSRHU, 2023
Description (short)	Intercropping of Coconut+Turmeric+Ginger
Potential yield/income	Rs.7,50,000/-
Critical Inputs	Planting material of Turmeric, Ginger
Source of Inputs	KVK
Photos	
TO-2	Intercropping of Coconut+Colocasia+Elephant foot yam
Source and year	DrYSRHU, 2023
Description (short)	Intercropping of Coconut+Colocasia+Elephant foot yam
Potential yield/income	Rs.6,25,000/- per per ha
Critical inputs& quantity and cost	Planting material of Colocasia, Elephant foot yam
Source of Inputs	KVK
Photos	
Farmers Practice	Sole cropping of Coconut
Farmers yield	15000 nuts/ha
Season	Kharif, 2025
Cost per replication (Rs.)	Rs.5000/-
No. of replications	02
Total cost for the OFT	Rs.10000/-
Parameters to be studied	Yield, COC (Rs/ha), Net returns (Rs/ha)
Parameters to be reported	Yield, COC (Rs/ha), Net returns (Rs/ha)
Source of funding (KVK-Main/TSP/ /SC SP/ Project/Others (specify)	KVK Main, SCSP
Team members	SMS, Horticulture, Senior Scientist & Head, SMS Agril Extn

OFT No.	**05**
Status (New proposal/2nd year /3rd year)	2nd year
Subject,	Horticulture
Theme	Crop production and management

Category (if applicable)	Plantation crops
Crop/ enterprise	Coconut
Farming situation	Irrigated Red Sandy Clay loams
Prioritized problem (short)	Low quality and yields due to imbalanced use of chemical fertilizers
Title of the OFT	**Assessment of Integrated nutrient management in Coconut**
Technology options	
TO-1	Integrated Nutrient Management
Source and year	DrYSRHU, 2023
Description (short)	1. Application of recommended dose of fertilizers (1kg Urea, 2kg SSP and 2.5kg MOP +25kg FYM (or) 2kg Neem cake) in two equal split doses during June- July and September - October in the tree basins 2. Green manuring with legume crops viz., Sunhemp (or) Pillipesara (or) Daincha 3. Application of Borax@100g/tree to correct boron deficiency.
Potential yield/income	18000 nuts/ha
Critical Inputs	Green manuring seed, Neem cake, Boron & cost Rs.800/-
Source of Inputs	KVK
Photos	
TO-2	Integrated Nutrient Management
Source and year	CPCRI, 2020
Description (short)	1.Application of 500g N, 320g P2O5 and 1200 g K2O per palm per year as RDF (1 kg urea, 2 kg super phosphate and 2 kg of MOP) in two split doses. one-third of the recommended dose of fertilizers (170-120-400gNPK/tree) during May –June months and the remaining two-third of the recommended dose of fertilizers (330-200-890g NPK/tree) during the Aug-September months along with 50kg green leaf or compost or FYM /tree in circular basins. 2.Bioinoculant formulations containing Azospirillum spp. and Phosphate solubilising bacteria having 10^8 CFU are to be applied @100 g per palm 3.To correct Mg deficiencies , 0.5 kg of magnesium sulphate can be applied in the basin along with other fertilizers during September-October and for Boron deficiency, About 75 g of borax is to be applied at bi-monthly intervals till the symptom disappears. 4.Seeds of any of these green manure crops can be sown in the palm basin with the onset of monsoon during May-June @100 g per basin and when they start flowering, the biomass can be ploughed back in the basin.
Potential yield/income	18000 nuts/ha
Critical inputs& quantity and cost	Green manuring seed, Neem cake, Azospirillum, PSB, MgSo4, Borax Rs.1200/-
Source of Inputs	KVK

Photos	
Farmers Practice	Sahoo/Saahith (Private hybrids are highly susceptible to Leaf curl viral disease)
Farmers yield	15000 nuts/ha
Season	Rabi,2024
Cost per replication (Rs.)	Rs.1500/-
No. of replications	02
Total cost for the OFT	Rs.3000/-
Parameters to be studied	Yield, COC (Rs/ha), Net returns (Rs/ha)
Parameters to be reported	KVK Main, SCSP
Source of funding (KVK-Main/TSP/ /SC SP/ Project/Others (specify)	KVK Main, SCSP
Team members	SMS, Horticulture, Senior Scientist & Head, SMS Agril Extn

OFT No.	**06**
Status (New proposal/2nd year /3rd year)	2nd year
Subject,	Horticulture
Theme	Varietal assessment
Category (if applicable)	Spices
Crop/ enterprise	Chilli
Farming situation	Bore well irrigated, low land, sandy clay loam
Prioritized problem (short)	Low yields from local variety
Title of the OFT	**Assessment of performance of high yielding varieties in Chilli**
Technology options	
TO-1	LCA 643
Source and year	DrYSRHU
Description (short)	Plants are semi erect with good branching, fruits are medium long and bold with green colour and dark red on ripening, shiny and attractive dry pod appearance, medium pungent. Tolerant to chilli leaf curl virus.
Potential yield/income	Dry pod yield potential 72-75q/ha
Critical Inputs	1000 seedlings, Rs.650/-
Source of Inputs	KVK

Photos	
TO-2	LCA 657
Source and year	DrYSRHU
Description (short)	Plants are errect with upright branching, stem is very sturdy with open centre, leaves are thick, leathery and and dark green in colour, long crop duration (210-230 days). Fruits are axillary, solitary and pendant. Fruits are medium, long (9-12cm) and medium bold. Fruits are dark green in colour and turn dark red on ripening with attractive shiny pericarp and high pungency. Dry pod yield of 60-65q/ha. Highly resistant to leaf curl virus and can tolerate drought.
Potential yield/income	60-65q/ha
Critical inputs& quantity and cost	1000 seedlings, Rs.650/-
Source of Inputs	KVK
Photos	
Farmers Practice	G-4 (traditional varities are having low yielding potential)
Farmers yield	25-30q/ha
Season	Rabi, 2025
Cost per replication (Rs.)	1300/-
No. of replications	03
Total cost for the OFT	3900/-
Parameters to be studied	Pest and disease incidence (%), yield and yield attributes, economics
Parameters to be reported	Disease incidence (%), yield and yield attributes, economics
Source of funding (KVK-Main/TSP/ /SC SP/ Project/Others (specify)	KVK Main, SCSP
Team members	SMS, Horticulture, Senior Scientist & Head, SMS Agril Extn

OFT No.	**07**
Status (New proposal/2nd year /3rd year)	2nd year
Subject,	Horticulture
Theme	Varietal Evaluation
Category (if applicable)	Vegetables
Crop/ enterprise	Tomato
Farming situation	Irrigated Red Sandy Clay loams
Prioritized problem (short)	Low returns from exiting varieties during summer season
Title of the OFT	**Assessment of performance of improved varieties in Tomato during Rabi season**
Technology options	
TO-1	**COTH4**
Source and year	TNAU, 2020
Description (short)	Semi determinate, fruits are flat round with green shoulder when immature, ripened fruits are red in colour, borne in the cluster of 5-6, with average fruit weight of 75-80gm, yield 92.3t/ha, duration 140-150days.This hybrid has long harvesting period with 22-25 harvests in 150 days with yield of 2.94kg/plant and Thick pericarp
Potential yield/income	Red loamy soils, Irrigated
Critical Inputs	1000 seedlings, Rs.650/-
Source of Inputs	KVK
Photos	
TO-2	**Arka Abhed**
Source and year	IIHR, 2019
Description (short)	Tomato variety Arka Abhed, released as multiple disease resistant variety during 2019 by IIHR. High yielding F_1 hybrid with multiple disease resistance to Tomato Leaf Curl Disease (*Ty2+Ty3*), Bacterial wilt, Early blight and Late blight (*Ph2 + Ph3*). Plants are semi-determinate with dark green foliage, Fruits are firm, oblate round & medium large (90-100g). Suitable for Summer, *Kharif* & R*abi* cultivation. Bred for fresh market & yields 70-75 t/ha in 140-150 days
Potential yield/income	70-75t/ha
Critical inputs& quantity and cost	1000 seedlings, Rs.650/-
Source of Inputs	KVK

Photos	
Farmers Practice	Sahoo/Saahith (Private hybrids are highly susceptible to Leaf curl viral disease)
Farmers yield	65-70q/ha
Season	Rabi,2024
Cost per replication (Rs.)	1300/-
No. of replications	03
Total cost for the OFT	3900/-
Parameters to be studied	Pest and disease incidence (%), yield and yield attributes, economics
Parameters to be reported	Disease incidence (%), yield and yield attributes, economics
Source of funding (KVK-Main/TSP/ /SC SP/ Project/Others (specify)	KVK Main, SCSP
Team members	SMS, Horticulture, Senior Scientist & Head, SMS Agril Extn

OFT No.	**08**
Status (New proposal/2nd year /3rd year)	2nd Year
Subject,	Plant Protection
Theme	Plant Protection
Category (if applicable)	Oilseeds
Crop/ enterprise	Groundnut
Farming situation	Irrigated, red sandy loam soils
Prioritized problem (short)	Heavy incidence of wild boar at the time of pod maturation in groundnut field reduces pod yield and gross returns. Wild boar damage is the main reason for decreasing area under groundnut crop in the district
Title of the OFT	**Assessment of Methods of Wild Boar Management in Groundnut**
Technology options	
TO-1	Installation of Solar fencing
Source and year	ANGRAU, 2020

Description (short)	Installation of Solar fencing around the groundnut field
Potential yield/income	-
Critical Inputs	Solar fence
Source of Inputs	ANGRAU, 2020
Photos	-
TO-2	Spraying of Herboliv @ 30lit +250 lit water/ha
Source and year	TNAU, 2019
Description (short)	Spraying of Herboliv @ 30lit +250 lit water/ha on top of the groundnut crop
Potential yield/income	-
Critical inputs & quantity and cost	Herboliv @ 30 lit
Source of Inputs	TNAU
Photos	-
Farmers Practice	Tying of old sarees or GI Wire around the groundnut field
Farmers yield	-
Season	Kharif
Cost per replication (Rs.)	Rs. 5000/-
No. of replications	02
Total cost for the OFT	Rs. 10000/-
Parameters to be studied	Wild boar incidence, Pod yield, gross cost, gross income, net income, BCR
Parameters to be reported	Wild boar incidence, Pod yield, gross cost, gross income, net income, BCR
Source of funding (KVK-Main/TSP/ /SC SP/ Project/Others (specify)	KVK Main/SC SP
Team members	SMS (Plant Protection), SMS Agril. Ext. & Senior Scientist & Head

OFT No.	**09**
Status (New proposal/2nd year /3rd year)	New
Subject,	Plant Protection
Theme	Plant Protection
Category (if applicable)	Cereals
Crop/ enterprise	paddy
Farming situation	Irrigated
Prioritized problem (short)	In paddy, sheath blight disease was observed at about 10–15% incidence around 60–65 days after transplanting, which resulted in an estimated yield reduction of about 15–20%.

Title of the OFT	**Assessment of new molecules for sheath blight management in Paddy**
Technology options	
TO-1	Spraying of Trifloxystrobin 10% + Difenoconazole 12.5% + Sulphur 3% SC@ 0.9 ml/L of water.
Source and year	ANGRAU, 2025
Description (short)	Spraying of Trifloxystrobin 10% + Difenoconazole 12.5% + Sulphur 3% SC@ 0.9 ml/L of water.
Potential yield/income	-
Critical Inputs	Trifloxystrobin 10% + Difenoconazole 12.5% + Sulphur 3% SC@
Source of Inputs	Input dealers
Photos	-
TO-2	Spraying of Tebuconazole 50% + Trifloxystrobin 25% WG @ 0.4 g /L of water.
Source and year	ANGRAU, 2024
Description (short)	Spraying of Tebuconazole 50% + Trifloxystrobin 25% WG @ 0.4 g /L of water to paddy
Potential yield/income	-
Critical inputs & quantity and cost	Tebuconazole 50% + Trifloxystrobin 25% WG
Source of Inputs	Input dealers
Photos	-
Farmers Practice	Spraying of Hexaconazole @ 2 ml /L of water once.
Farmers yield	-
Season	Rabi
Cost per replication (Rs.)	2500
No. of replications	3
Total cost for the OFT	7500
Parameters to be studied	Disease incidence, yield, gross cost, gross income, net income, BCR
Parameters to be reported	Disease incidence, yield, gross cost, gross income, net income, BCR
Source of funding (KVK-Main/TSP/ /SC SP/ Project/Others (specify)	KVK Main/SC SP
Team members	SMS (Plant Protection), SMS Agril. Ext. & Senior Scientist & Head

OFT No.	**10**
Status (New proposal/2nd year /3rd year)	New
Subject,	Plant Protection
Theme	Plant Protection
Category (if applicable)	Fruits
Crop/ enterprise	Mango

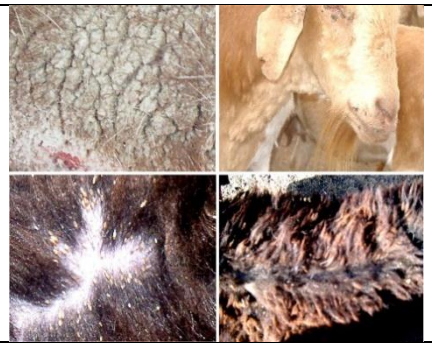
Farming situation	Irrigated
Prioritized problem (short)	The combined infestation of mango hoppers and thrips reduces fruit set, yield, and market quality of mango fruits
Title of the OFT	**Assessment of Integrated Management of hoppers and thrips in mango**
Technology options	
TO-1	IPM
Source and year	IIHR, 2025
Description (short)	• Clean cultivation and removal of weeds • Proper pruning of overlapping branches after fruit harvest/rainy season (July -August). • Installation of white sticky traps • Spraying of Azadirachtin (10,000 ppm) @ 2.0 ml/L of water at the time of flower bud initiation. • Spraying of *Metarhizium anisopliae* (IIHR oil formulation) @ 0.5 ml per litre of water two times weekly intervals. • Need based Spraying of Imidacloprid 17.8 % SL @ 0.3 ml/L or Spinosad 45% SC @ 0.25 ml/L at post flowering/ fruit set
Potential yield/income	-
Critical Inputs	Sticky traps, Azadirachtin, *Metarhizium anisopliae,* Imidacloprid 17.8 % SL and Spinosad 45% SC
Source of Inputs	IIHR, Input dealers
Photos	-
TO-2	IPM
Source and year	YSRHU, 2024
Description (short)	• Clean cultivation and removal of weeds • Proper pruning of overlapping branches after fruit harvest/rainy season (July -August) • Installation of yellow and blue sticky traps @ 40/per acre • Spraying of Azadirachtin 1500ppm @ 3ml/L at the time of Flower bud initiation • Spraying of *Beauveria bassiana* @ 5 g/L of water two times in weekly intervals. • Need based Spraying of Thiomethaxam 25% WG @ 0.5 g/L or Spraying of Fipronil 5% SC @ 2 ml/L at post flowering/ fruit set
Potential yield/income	-
Critical inputs & quantity and cost	Sticky traps, Azadirachtin 1500ppm, *Beauveria bassiana,* Thiomethaxam 25% WG and Fipronil 5% SC
Source of Inputs	YSRHU, Input dealers
Photos	-
Farmers Practice	Indiscriminate use of pesticides
Farmers yield	-

Season	Rabi
Cost per replication (Rs.)	5000/-
No. of replications	3
Total cost for the OFT	Rs. 15000/-
Parameters to be studied	Pest incidence, yield, gross cost, gross income, net income, BCR
Parameters to be reported	Pest incidence, yield, gross cost, gross income, net income, BCR
Source of funding (KVK-Main/TSP/ /SC SP/ Project/Others (specify)	KVK Main/SC SP
Team members	SMS (Plant Protection), SMS Agril. Ext. & Senior Scientist & Head

OFT No.	**11**
Status (New proposal/2nd year /3rd year)	New
Subject,	Plant Protection
Theme	Plant Protection
Category (if applicable)	Cereals
Crop/ enterprise	paddy
Farming situation	Irrigated
Prioritized problem (short)	In paddy, yield loss was observed due to severe incidence of stem borer and leaf folder.
Title of the OFT	**Assessment of Insecticide combinations against leaf folder and stem borer management in Paddy**
Technology options	
TO-1	Spraying of Novaluron 5.25 %+ Indoxacarb 4.5% SC@ 1ml/L of water
Source and year	ANGRAU, 2025
Description (short)	Spraying of Novaluron 5.25 %+ Indoxacarb 4.5% SC@ 1ml/L of water
Potential yield/income	-
Critical Inputs	Novaluron 5.25 %+ Indoxacarb 4.5% SC
Source of Inputs	Input dealers
Photos	-
TO-2	Spraying of Chlorantraniliprole @ 0.3ml /L of water.
Source and year	ANGRAU, 2020
Description (short)	Spraying of Chlorantraniliprole @ 0.3ml /L of water.
Potential yield/income	-
Critical inputs & quantity and cost	Chlorantraniliprole
Source of Inputs	Input dealers
Photos	-

Farmers Practice	Spraying of Cartap hydrochloride @ 2 g/L of water once.
Farmers yield	-
Season	Kharif
Cost per replication (Rs.)	2500/-
No. of replications	3
Total cost for the OFT	Rs. 7500/-
Parameters to be studied	Pest incidence, yield, gross cost, gross income, net income, BCR
Parameters to be reported	Pest incidence, yield, gross cost, gross income, net income, BCR
Source of funding (KVK-Main/TSP/ /SC SP/ Project/Others (specify)	KVK Main/SC SP
Team members	SMS (Plant Protection), SMS Agril. Ext. & Senior Scientist & Head

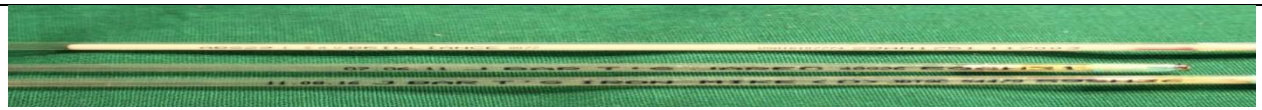
OFT No.	**12**
Status (New proposal/2nd year /3rd year)	2nd Year
Subject,	Veterinary sciences
Theme	**Animal health management**
Category (if applicable)	Bovines
Crop/ enterprise	Cattle
Farming situation	NA
Prioritized problem (short)	Ecto-parasite infestation is the major problem in extensively reared animals. Ticks, flies, lice cause a great disturbance to animals, as they are blood sucking parasites, they cause anemia which causes nutritional deficiency leading to poor productivity and reproductivity
Title of the OFT	**Assessment of performance of herbal extract for managing ectoparasite infestation in sheep and cattle.**
Technology options	
TO-1	Amitraz spray to animals plus shed, flumethrin pouron and ivermectin injection
Source and year	SVVU, Tirupati
Description (short)	Spraying of amitraz both to animal and shed followed by ivermectin injection and application of flumethrin pouron
Potential yield/income	
Critical Inputs	Amitraz 200ml, flumethrin pouron, ivermectin injection
Source of Inputs	KVK

Photos	
TO-2	Amitraz spray to animals and ivermectin injection
Source and year	SVVU Tirupati
Description (short)	Spraying of amitraz to animals and injection of ivermectin
Potential yield/income	
Critical inputs & quantity and cost	Amitraz 200ml and inj ivermectin 10ml
Source of Inputs	Commercially available in local market
Photos	
Farmers Practice	Amitraz spray only
Farmers yield	
Season	
Cost per replication (Rs.)	1000
No. of replications	3
Total cost for the OFT	Rs. 3000
Parameters to be studied	Infestation percentage, reoccurance rate, body weight gain, BC ratio
Parameters to be reported	Infestation percentage, reoccurance rate, body weight gain, BC ratio
Source of funding (KVK-Main/TSP/ /SC SP/ Project/Others (specify)	KVK Main
Team members	Dr.D.Anusha, SMS Veterinary

OFT No.	**13**
Status (New proposal/2nd year /3rd year)	2nd Year
Subject,	Veterinary sciences
Theme	**Animal nutrition**
Category (if applicable)	Feed management
Crop/ enterprise	Lambs and kids
Farming situation	Semi-intensive system
Prioritized problem (short)	Rearing of weaned lambs for fattening is a usual practice. Cerelas like sorghum/maize are supplementing along with grazing for 5-6 hours to ram lambs. The growth rate and body weight is less due to low proteins in the feed.
Title of the OFT	**Assessment of effect of supplementation of moringa leaf meal on body weight gain in weaned lambs**
Technology options	
TO-1	Concentrate feed with moringa leaf meal
Source and year	SVVU, Tirupati.
Description (short)	Dried moringa leaves contain 24% crude protein along with high amounts of calcium and phosphorus This is a cheap source of protein and can be incorporated in the feed to reduce the cost.
Potential yield/income	Concentrate feed incorporate with moringa leaf
Critical Inputs	RASS KVK
Source of Inputs	
Photos	Concentrate feed
TO-2	SVVU, TIRUPATI.
Source and year	Fattening ram lambs required more proteins High proteins in the concentrate feed improve the body weight gain and growth rate.
Description (short)	Increased body weight gain
Potential yield/income	Concentrate feed
Critical inputs & quantity and cost	Feed formulated at kvk
Source of Inputs	SVVU, Tirupati

Photos	
Farmers Practice	No extra feed supplementation
Farmers yield	
Season	Rabi
Cost per replication (Rs.)	2000
No. of replications	3
Total cost for the OFT	Rs. 6000
Parameters to be studied	Growth rate, body weight gain, economics
Parameters to be reported	Growth rate, body weight gain, economics
Source of funding (KVK-Main/TSP/ /SCSP/ Project/Others (specify)	KVK Main
Team members	Dr.D. Anusha, SMS Veterinary

OFT No.	14
Status (New proposal/2nd year /3rd year)	2nd Year
Subject,	Veterinary sciences
Theme	**Animal Reproduction**
Category (if applicable)	Bovines
Crop/ enterprise	Milch cattle
Farming situation	NA
Prioritized problem (short)	Less probability of giving birth to female calf through artificial insemination leading to low returns to farmers through low lactation yield
Title of the OFT	**Assessment of efficiency of sex sorted semen through artificial insemination in dairy animals**
Technology options	
TO-1	Breeding of dairy animals through artificial insemination using sex sorted semen
Source and year	SVVU, Tirupati
Description (short)	Breeding of dairy animals through insemination of sex sorted semen
Critical Inputs	Sex sorted semen straws
Source of Inputs	RASS KVK

Photos	
TO-2	Breeding of dairy animals through artificial insemination using breed specific semen
Source and year	SVVU, TIRUPATI.
Description (short)	Insemination of dairy animals through breed specific semen
Potential yield/income	Low Female calf birth rate
Critical inputs& quantity and cost	Breed specific semen straws
Source of Inputs	RASS KVK
Photos	
Farmers Practice	Natural breeding of animals
Farmers yield	Low Female calf birth rate
Season	
Cost per replication (Rs.)	1000
No. of replications	3
Total cost for the OFT	Rs. 3000
Parameters to be studied	Female calf birth rate, milk yield
Parameters to be reported	Female calf birth rate, milk yield
Source of funding (KVK-Main/TSP/ /SC SP/ Project/Others (specify)	KVK Main
Team members	Dr.D.Anusha,SMS Veterinary

OFT No.	**15**
Status (New proposal/2nd year /3rd year)	1st Year
Subject,	Veterinary sciences
Theme	**Animal Reproduction**
Category (if applicable)	Bovines
Crop/ enterprise	Milch cattle
Farming situation	NA
Prioritized problem (short)	Pregnancy diagnosis only through per-rectal examination, minimum 60 days for conformation, timely nonavailability of technical person for confirmation.
Title of the OFT	**Assessment of efficiency of Pregnancy diagnosis kits for pregnancy confirmation in dairy animals.**

Technology options	
TO-1	Pregnancy confirmation through Pregnancy diagnosis kits
Source and year	APCARL, Pulivendula
Description (short)	Pregnancy diagnosis through serum sample at 30 days of conception
Critical Inputs	Pregnancy diagnosis kits
Source of Inputs	RASS KVK
Photos	
TO-2	Pregnancy diagnosis through per-rectal examination.
Source and year	SVVU, TIRUPATI.
Description (short)	Pregannacy daignosis at 60 days of pregnancy
Potential yield/income	
Critical inputs& quantity and cost	Preganacy diagnosis no input
Source of Inputs	RASS KVK
Photos	
Farmers Practice	No diagnosis
Farmers yield	
Season	
Cost per replication (Rs.)	2000
No. of replications	5
Total cost for the OFT	Rs. 10000
Parameters to be studied	Accuracy, false positives
Parameters to be reported	Accuracy, false positives
Source of funding (KVK-Main/TSP/ /SC SP/ Project/Others (specify)	KVK Main
Team members	Dr.D.Anusha,SMS Veterinary

OFT No.	**16**
Status (New proposal/2nd year /3rd year)	New proposal
Subject,	Home Science
Theme	Nutrition
Category (if applicable)	Millets
Crop/ enterprise	Finger Millet, Jowar, Bajra, Bengal gram, banana flour
Farming situation	-
Prioritized problem (short)	Malnutrition (undernutrition) is caused by a lack of nutrients, either as a result of a poor diet or problems absorbing nutrients from food. SAM and MAM significantly increase the risk of death in children under five years of age. It can be a direct or indirect cause of child birth by increasing the case fatality rate in children suffering from such common illnesses as diarrhea, acute respiratory infections, malaria and measles
Title of the OFT	**Assessment on Nutritional Status of SAM & MAM children in preschool children at Anganwadi centers**
Technology options	
TO-1	T1: Millet + Banana formulation Finger millet-75 g, Bajra-100 g, Roasted Bengal gram -100 gm & Banana flour – 40 gm
Source and year	TNAU 2021
Description (short)	Millet + pulse-based formulations offer a nutrient-dense blend of protein, fiber, and essential micronutrients, supporting overall health and well-being.
Potential yield/income	--
Critical Inputs	Millet + Pulse based formulation.
Source of Inputs	KVK-Main, SC-SP
Photos	
TO-2	T2: T2: Millet + Pulse based Formulation (Amylase rich foods) (cereal 75% + pulse 25%)
Source and year	**ANGRAU, 2022**
Description (short)	To improve the nutritional status of the children. (Height and weight)
Potential yield/income	10 kg

Critical inputs & quantity and cost	Rs: - 2500,5 kg
Source of Inputs	Millets,pulse
Photos	
Farmers Practice	Household Practice
Farmers yield	To assess the dietary pattern in households of SAM & MAM children
Season	**Kharif and Rabi,** 2025
Cost per replication (Rs.)	Rs: 1500
No. of replications	5
Total cost for the OFT	Rs. 7500
Parameters to be studied	Stunting, Wasting, Anthropometric measurements, BC ratio
Parameters to be reported	Stunting, Wasting, Anthropometric measurements, BC ratio
Source of funding (KVK-Main/TSP/ /SC SP/ Project/Others (specify)	KVK Main, SC-SP
Team members	SMS Home Science. Senior Scientist & head.

OFT No.	**17**
Status (New proposal/2nd year /3rd year)	2nd year
Subject,	Home Science
Theme	Value addition
Category (if applicable)	Millets
Crop/ enterprise	Bajra, Finger millet. Kodo millet, nuts, oil seeds and jaggary
Farming situation	Red alfisols
Prioritized problem (short)	Ready-to-eat (RTE) Nutri cereals and their products play an important role due to specific function and physiological benefits to the human being and are considered as source of nutrients economically.
Title of the OFT	**Assessment of acceptability and shelf life of Nutrient Dense Millet Chocolate Bar**
Technology options	
TO-1	T1 : Nutrient Dense Millet Bar

Source and year	(PJTSAU, Hyderabad 2022)
Description (short)	Enriching its nutrient composition of snickers by adding pearl millet as it contains protein, fiber etc.
Potential yield/income	Rs: 2500,10 kg
Critical Inputs	**T3 -** Maida + Hydrogenated fat + White sugar + Artificial colour
Source of Inputs	Mushroom, ragi, jaggery, Hydrogenated fat, baking powder
Photos	
TO-2	T2: Pearl Millet Snickers
Source and year	(IIMR, Hyderabad 2022)
Description (short)	Enriching its nutrient composition of snickers by adding pearl millet as it contains protein, fiber etc.
Potential yield/income	Pearl millet – 500gm, jaggery - 250gm, sugar - 100gm, essence and miscellaneous items
Critical inputs & quantity and cost	Rs:- 2500,5 kg
Source of Inputs	Pulse flour, Millet (Ragi), Jaggery, Hydrogenated fat + baking powder.
Photos	
Farmers Practice	**T3** Nutrient Millet Bar (ANGRAU)
Farmers yield	5kg
Season	**Kharif,** 2025
Cost per replication (Rs.)	Rs: 1500
No. of replications	5
Total cost for the OFT	Rs. 7500
Parameters to be studied	Sensory attributes (Color, flavor, texture, taste and over all acceptability).
Parameters to be reported	gross income, net income, BCR
Source of funding (KVK-Main/TSP/ /SC SP/ Project/Others (specify)	KVK Main, SC-SP
Team members	SMS Home Science. Senior Scientist & head.

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OFT No.	**18**
Status (New proposal/2nd year /3rd year)	2nd year
Subject,	Home Science
Theme	Value addition
Category (if applicable)	Fruits
Crop/ enterprise	Mango,Pappya
Farming situation	Red alfisols
Prioritized problem (short)	Seasonal fruits like mango and papaya are highly perishable and face considerable post-harvest losses due to limited processing and storage facilities. Farmers require suitable value-addition technologies for preparation of shelf-stable Ready-to-Serve (RTS) blended beverages and related products to improve income and reduce wastage.
Title of the OFT	**Assessment of Shelf life of life blended RTS beverage formulations**
Technology options	
TO-1	T1: Squash, nectar and candy using mango and papaya
Source and year	(IIHR, Bengaluru 2022)
Description (short)	Preparation of blended fruit products such as squash, nectar and candy using mango and papaya to improve shelf life, nutritional quality and market value.
Potential yield/income	Rs: 2500, 10 liter
Critical Inputs	Mango pulp, papaya pulp, sugar, preservatives, bottles and packaging materials.
Source of Inputs	Local market and KVK.
Photos	  
TO-2	T2: Squash, nectar and candy using mango and papaya
Source and year	(IIFPT, Thanjavur 2022)

Description (short)	Preparation of value-added fruit products with improved storage stability and consumer acceptability using standardized formulations.
Potential yield/income	Mango pulp, papaya pulp, sugar, preservatives, bottles and packaging materials.
Critical inputs & quantity and cost	Rs:- 2500,5 kg
Source of Inputs	Local market and KVK.
Photos	 
Farmers Practice	Raw fruits utilizations
Farmers yield	5kg
Season	**Kharif,** 2026
Cost per replication (Rs.)	Rs: 1500
No. of replications	5
Total cost for the OFT	Rs. 7500
Parameters to be studied	Sensory attributes (Color, flavor, texture, taste and over all acceptability).
Parameters to be reported	gross income, net income, BCR
Source of funding (KVK-Main/TSP/ /SC SP/ Project/Others (specify)	KVK Main, SC-SP
Team members	SMS Home Science. Senior Scientist & head.

Note:- for other thematic areas

Technology description for IPM, IDM, IPDM must be short, complete and self-explanatory. Source/availability of all the inputs including the critical must be mentioned. If available, cost of each input including the critical input must be mentioned. Dosage, stage and time of application, spray volume/fluid concentration, type of sprayer to be used.
Technology description for Soil test based INM must include Major and micronutrients and organic manure. Equation or methodology for calculating the soil test-based fertilizers must be provided. RDF must include Major and micronutrients and organic manures as recommended by SAU. Details of the machineries, tools and implements and availability must be provided. Source and cost of seeds and planting materials for horticultural crops must be mentioned.

9. Frontline Demonstrations proposed during 2026-27

9.1. Summary of FLDs

S. No.	Category/Crop or enterprise	Title	Prioritized problem	#Technology	Source of Technology	Status *	No. of Demo (replications)	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	Pearl millet	Demonstration of ICM practices for Bajra	Poor management practices like local hybrids, no weedicides application and indiscriminate use of urea & complex fertilizers increases the cost of production	Seed rate: – 7.5kg/ha, weed management: - pre-emergence application of Atrazine @ 1.5kg/ha followed by Post emergence application of 2,4-D Sodium salt @ 1kg/ha at 25-30DAS, Nutrient management: - Soil application of Azospirillum @ 5kg/ha, PSB @ 5kg/ha & KSB @ 5kg/ha before sowing and Soil test based fertilizers application	ANGRAU	2year FLD	3	2	7500/-	SMS (Agronomy) & Senior Scientist & Head	1	-
2	Groundnut	Demonstration of	Replacing the existing	High yielding groundnut variety,	ANGRAU (RARS,	New FLD	3	2	13050/-	SMS (Agronom	1	-

		groundnut variety Himani	low yielding diseases susceptible farmers popular groundnut variety TAG 24	early maturing Spanish bunch, tolerant to moisture stress and mid-season dry spell. Moderate resistance to common foliar diseases and yield potential is 22-25q/ha	Tirupati)					y) & Senior Scientist & Head		
3	Blackgram	Demonstration of Blackgram variety TBG 129	Replacing the existing low yielding viral diseases susceptible farmers popular blackgram variety LBG	High yielding blackgram variety with yield potential is 16-18q/ha. It is a shiny, bold-seeded variety known for its heat tolerance and resistance to the YMV. Duration is 85-90 DAS	ANGRAU (RARS, Tirupati)	New FLD	3	2	9000/-	SMS (Agronomy) & Senior Scientist & Head	1	-
4	Mango	Demonstration of ICM package for regular bearing in Mango	Irregular bearing due to climate change and low returns due to improper nutrition	1) Irrigate the trees immediately after harvest followed by pruning of the trees. 2) Prune dead wood, weaker branches and criss-cross	DrYSRHU	3rd year	4	1.6	6000	SMS, Horticulture, Senior Scientist & Head, SMS Agril Extn	2	2

				branches to open the centre. 3) Spray 1% urea + 0.2% ZnSo4 twice after pruning, during July and October 4)Plough the orchard twice during the rainy season 5)Apply recommended dose of fertilizers (1-1-1 kg NPK/tree) in two spilt doses ie 75% RDF along with 100kg FYM/tree during July-Aug and remaining 25%RDF during Feb-March provided sufficient irrigation 6.Spray 1% Potassium Nitrate during October and November months 7.Plough the orchard if rains continue during November and								

				December								
5	Bittergourd	Demonstration of ICM in Bittergourd	Low returns due to low fruit set and yields	1.Seed treatment with Thiram@3g/kg followed by Imidacloprid@5g/kg seed. 2.Soil application of Trichoderma viride and Pseudomonas @2kg/acre 3. Application of Farm Yard Manure@ 8tonnes+100% RDF (40-32-16kg NPK/acre) following basal application of full dose of P and K fertilizers and Top dressing of Application of Nitrogenous fertilizer at 25-30DAS and fruitset stages. 3. Foliar application of Borax @3g/litre at 2-4 leaf stage (or) Foliar application of	DrYSRHU	2nd Year	4	1.6	6000	SMS, Horticulture, Senior Scientist & Head, SMS Agril Extn	-	-

				Cycocel@250ppm at 2-4 leaf stage 4. Poison baiting with solution prepared with 100ml Malathion+100g Jaggery mixed in litre of water (or) Poison baiting with solution prepared with 10 ml each of Methyl Eugenol, Vinegar and Jaggery solution. 5. Installation of fruit fly traps @2 per acre for regular monitoring of pest attack 6. Removal and destruction of viral disease infected plants. 7. Need based spraying of pesticides for management of sucking pests								
6	Pole Dolichos Bean	Demonstration of Arka Krishna variety in	Low returns from existing varieties	Arka Krishna	IIHR	2nd Year	4	1.6	5200	SMS, Horticulture, Senior Scientist	2	2

		Pole Dolichos Bean								& Head, SMS Agril Extn		
7	Chilli	Demonstration of Arka Yeshasvi variety in Chilli	Low returns due to leaf curl disease incidence	Arka Yeshasvi	IIHR	2nd Year	4	1.6	6000	SMS, Horticulture, Senior Scientist & Head, SMS Agril Extn	2	2
8	Coconut	Demonstration of IPM practices for Rugose Spiralling White fly in Coconut.	Low returns due to Rugose spiraling white fly	IPM package for Rugose Spiraling White fly management in Coconut ✓ Avoid the planting of infested plants. ✓ Release of *Apertochrysa. astur* @ 100to 150eggs/palm during low incidence and upto 300eggs/palm during medium incidence for atleast 10% of infested palms particularly in those	Dr. YSRHU	2nd year	5	2.0	12000	SMS, Plant Protection, Senior Scientist & Head, SMS Agril Extn.	0	0

				plantations where spraying is not feasible. ✓ Conservation of *Encarsia guadeloupae* in RSW infested areas. ✓ Installation of yellow sticky traps on palm trunk @12 /acre to attract adult white flies and regular smearing with castor oil at 7-10 days interval. ✓ Two-Three Sprayings of Azadarachtin 10000ppm@1 ml/litre along the detergent powder @10g/litre at 15-20days interval. ✓ Foliar application of Entomopatho genic fungi								

				Isaria fumosorosea @ 1x10spores/ml or 5g/litre along with sticker @2ml/litre. Avoid pesticidal spraying.)								
9	Mulberry	Demonstration of Management of Root rot disease in mulberry.	Low leaf yield in mulberry and less plant population due to root rot infestation.	1. Remove and burn the diseased plants. 2. Apply 200 kg of neem cake per acre to the orchard. Apply Rot Fix @ 10 g per litre of water to each infected plant and the surrounding plants. (Or) Apply a solution of Carbendazim + Mancozeb @ 2 g per litre of water to each infected plant and the surrounding	CSR&TI	New	5	2.0	7500	SMS, Plant Protection, Senior Scientist & Head, SMS Agril Extn.	0	1

				plants.								
10	Chillies	Demonstration of IPM practices for Black thrips in chilli.	Low returns due to severe incidence of black thrips	IPM package for management of Black thrips in Chilli. ✓ Sowing of maize/ bajra/ sorghum as border crop, nipping and destruction of infested top or apical shoots, ✓ Installation of blue sticky traps @ 30/ acre after transplanting, ✓ Application of Neem cake @ 100 Kg/acre in two splits i.e. at the time of transplanting and 30 DAP. ✓ Spraying of Neem oil 3% @ 2ml/lt of water. ✓ Spraying of *Beauveria bassiana* @ 5gm/lt and	IIHR	2 year	5	2.0	12000	SMS, Plant Protection, Senior Scientist & Head, SMS Agril Extn	0	1

				Lecanicilium lecani @ 5gm/lt and 0.5gm adjuvant /lt of water. Need based spraying of spinetoram @ 0.8 ml/lt.							
11	Feed and fodder management	Demonstration of formulated concentrate feeding on production and productivity performance of milch animals	Feeding of only green and dry fodder leads to poor performance and low milk yield in animals and at the same time increase the cost of milk production with imbalanced feed.	Feeding of formulated concentrate feed along with green and dry fodder	SVVU TIRUPATI	2nd year	3	-	10000	SMS Veterinary		2
12	Animal production management	Demonstration of scientific managemental strategies in prepubertal	Delayed sexual maturity and loss of one production cycle.	Application of package of practices(Deworming at the time of enrolment followed by once every 3 months.	SVVU TIRUPATI	2nd year	3	-	7000	SMS Veterinary		1

		heifers to curtail delayed sexual maturity		Concentrat (Type 1 with 14-15% CP) feeding @1-1.5kg/animal/day along with complete feed+mineral mixture @50gs/day/animal								
13	Animal reproduction	Demonstration of efficiency of coated vitamins and chelated trace minerals in improving the reproductive efficiency of dairy cattle.	High yielding crossbred cows being fed low calorie diet leading to decreased productivity, reproductive efficiency Irregular estrous cycle , silent heat, low conception rate, infertility	Supplementation of vitamins and minerals along with green,dry fodder and concentrate feed.	NDRI, Karnal	2nd year	5		5000	SMS Veterinary		2
14	Breed evaluation	Demonstration on performance of Ghagus bird under	Low body weight and egg production, high	Ghagus chicks 45 days old completely vaccinated	DPR Hyderabad	New FLD	10		25000	SMS Veterinary		3

		backyard poultry farming	mortality									
15	Value addition	Demonstration on Value addition to flowers	Floral remains clog sewage systems and penetrates the soil, causing severe degradation and resource depletion.	Preparation of different decorative articles by using flowers	Dr. YSRHU	2nd year	5	7500 /-	Senior Scientist and Head, SMS Home Science	-	-	-
16	Value addition	Demonstration on Value addition to coconut	Thyroid, endocrine disorders is being drastically increasing due to unhealthy life styles.	Preparation of value-added products by using raw coconut	Coconut board of India, Kerala	2nd year	5	7500 /-	Senior Scientist and Head, SMS Home Science	-	-	-

Please provide only short phrases of the TO-1, TO-2 and FP (Do not provide details of the technology. Details are to be provided in 9.2

***New FLD/2nd year/3rd year** (Conducting FLD during third year will be allowed only under certain circumstances like failure of crops during previous demonstrations due to natural calamities / animal damage, long duration crops or plantation crops which required three years demonstration (eg. Sugarcane - one plant + two ratoons (or) two plant + one ratoon)

9.2. Details of FLDs (Use one table per FLD) (TECHNOLOGY WRITEUP) 2026-27

(Please ensure the availability of inputs like seeds, animals, tools and implements, products etc., proposed to be demonstrated in each FLD)

Furnish existing/continuing FLDs first followed by newly proposed FLDs

FLD No.:	**01**
Status (New proposal/2nd year /3rd year)	New FLD
Subject	Agronomy
Category:	Millets
Crop/ enterprise:	Bajra (Pearl millet)
Farming situation	Southern zone irrigated uplands. Soils are red sandy clay loam soils with low organic carbon, low available nitrogen, medium phosphorus & low potash. Average rainfall of 358.4 mm. Major rainfall received during both south-West & North-East monsoons.
Prioritized problem:	Non availability of improved varieties, drought during kharif season, no weed management and poor nutrient management results in low grain yield
Title	**Demonstration of ICM practices in Pearl millet**
Technology to be demonstrated:	Seed rate: – 7.5kg/ha, weed management: - pre-emergence application of Atrazine @ 1.5kg/ha followed by Post emergence application of 2,4- D Sodium salt @ 1kg/ha at 25-30DAS, Nutrient management: - Soil application of Azospirillum @ 5kg/ha, PSB @ 5kg/ha & KSB @ 5kg/ha before sowing and Soil test-based fertilizers application
Hybrid or Variety:	Composite variety
Source of Technology:	ANGRAU, 2019
Description	Seed rate: – 7.5kg/ha, weed management: - pre-emergence application of Atrazine @ 1.5kg/ha followed by Post emergence application of 2,4- D Sodium salt @ 1kg/ha at 25-30DAS, Nutrient management: - Soil application of Azospirillum @ 5kg/ha, PSB @ 5kg/ha & KSB @ 5kg/ha before sowing and Soil test-based fertilizers application
Potential yield	20-25 q/ha
Critical input, quantity and cost	Seed-7 kg/ha, Atrazine – 1.5 kg/ha, 2,4-D Sodium salt – 1.25 kg/ha, Azospirillum – 5kg/ha, PSB – 5kg/ha & KSB – 5kg/ha, Cost; 8125/- per/ha
Farmers practice	Seed rate is 5kg/ha, no chemical weed management, application only nitrogen fertilizers to crop
Source of input	Input dealers
Photos	-
Average farmers yield	15-20q/ha
Season	Kharif, 2025
No. of Demos (replications)	3
Total cost for the Demo	Rs.7500/-
Parameters to be studied:	Grain yield, growth parameters, gross cost, gross income, net income, BCR
Parameters to be reported	Grain yield, gross expenditure, gross income, net income, BCR

Source of funding (KVK-Main/TSP/ /SC SP/ Project/Others (specify)	KVK Main
Team members	SMS (Agronomy), Senior Scientist & Head and SMS Agril.Ext.

FLD No.:	**02**
Status (New proposal/2nd year /3rd year)	New Proposal
Subject	Crop Production
Category:	Oilseeds
Crop/ enterprise:	Groundnut
Farming situation	Irrigated uplands with sandy loam soils
Prioritized problem:	Need to replace the existing foliar disease susceptible low yielding farmer's varieties with improved high yielding groundnut varieties
Title	**Demonstration of groundnut variety Himani (TCGS 1522)**
Technology to be demonstrated:	Himani (TCGS 1522)
Hybrid or Variety:	Variety
Source of Technology:	ANGRAU (RARS, Tirupati)
Description	Himani (TCGS 1522) – High yielding groundnut variety, early maturing spanich bunch, tolerant to moisture stress and mid-season dry spell. Moderate resistance to common foliar diseases and yield potential is 22-25q/ha
Potential yield	22-25q/ha
Critical input, quantity and cost	Himani variety groundnut seed @ 300 kgs pods/ha @ Rs. 56,000 ha
Farmers practice	TAG 24
Source of input	ANGRAU (RARS, Tirupati)
Photos	-
Average farmers yield	14-18q/ha
Season	Rabi
No. of Demos (replications)	3
Total cost for the Demo	13050/-
Parameters to be studied:	Pod yield, growth parameters, gross cost, gross income, net income, BCR
Parameters to be reported	Pod yield, gross expenditure, gross income, net income, BCR
Source of funding (KVK-Main/TSP/ /SC	KVK Main

SP/ Project/Others (specify)	
Team members	SMS (Agronomy), SMS Agril. Ext. & Senior Scientist & Head

FLD No.:	**03**
Status (New proposal/2nd year /3rd year)	New proposal
Subject	Crop Production
Category:	Pulses
Crop/ enterprise:	Blackgram
Farming situation	Irrigated uplands with red sandy loam soils
Prioritized problem:	Heavy incidence of viral diseases in the farmer's varieties reduces the blackgram seed yield upto 15-20% and increases the cost of spraying for control of viral diseases
Title	**Demonstration of Blackgram variety TBG 129**
Technology to be demonstrated:	Blackgram variety TBG 129
Hybrid or Variety:	Variety
Source of Technology:	ANGRAU (RARS, Tirupati)
Description	TBG 129 (Tirupati minumu 129) – High yielding blackgram variety with yield potential is 16-18q/ha. It is a shiny, bold-seeded variety known for its heat tolerance and resistance to the YMV. Duration is 85-90 DAS
Potential yield	16-18q/ha
Critical input, quantity and cost	Blackgram variety TBG 129 seed @ 30 kgs/ha
Farmers practice	Local private varieties
Source of input	ANGRAU (RARS, Tirupati)
Photos	-
Average farmers yield	10-12q/ha
Season	Rabi
No. of Demos (replications)	3
Total cost for the Demo	9000/-
Parameters to be studied:	Seed yield, growth parameters, gross cost, gross income, net income, BCR
Parameters to be reported	Seed yield, gross expenditure, gross income, net income, BCR
Source of funding (KVK-Main/TSP/ /SC SP/ Project/Others (specify)	KVK Main

Team members	SMS (Agronomy), Senior Scientist & Head and SMS Agril.Ext.

FLD No.:	**04**
Status (New proposal/2nd year /3rd year)	3rd year
Subject	Horticulture
Category:	Fruits
Crop/ enterprise:	Mango
Farming situation	Bore well irrigated, upland, sandy clay loam
Prioritized problem:	Irregular bearing and indiscriminate use of chemical fertilizers, climate change and hence low net returns
Title	**Demonstration of ICM in Mango for regular bearing**
Technology to be demonstrated:	Integrated Crop Management
Hybrid or Variety:	Variety
Source of Technology:	IIHR, 2022
Description	1) Irrigate the trees immediately after harvest followed by pruning of the trees. 2) Prune dead wood, weaker branches and crisscross branches to open the center. 3) Spray of 1% potassium nitrate or 1% urea+ 0.2% ZnSo4 twice after pruning during July and October 4) Plough the orchard twice during the rainy season 5) Apply recommended dose of fertilizers (1-1-1 kg NPK/tree) in two spilt doses i.e. 75% RDF along with 100kgFYM/tree during July-Aug and remaining 25%RDF during Feb-March provided sufficient irrigation 6) Plough the orchard if rains continue during November and December
Potential yield	12-15t/ha
Critical input, quantity and cost	2kg urea, 6kg SSP, 1.5kg MOP /tree (80kg Urea, 240kg SSP and 60kg MOP/demo plot), Rs.4500/-
Farmers practice	Indiscriminate use of chemical fertilizers
Source of input	KVK
Photos	
Average farmers yield	-
Season	Kharif, 2025
No. of Demos (replications)	4
Total cost for the Demo	Rs.6000/-
Parameters to be studied:	COC, yield and yield attributes, economics
Parameters to be reported	COC, yield and yield attributes, economics
Source of funding (KVK-Main/TSP/ /SC SP/ Project/Others (specify)	KVK Main, SCSP

Team members	SMS, Horticulture, Senior Scientist & Head, SMS Agril Extn

FLD No.:	**05**
Status (New /2nd /3rd year)	2nd Year
Subject	Horticulture
Category:	Fruits
Crop/ enterprise:	Bittergourd
Farming situation	Bore well irrigated, upland, sandy clay loam
Prioritized problem:	low net returns from indiscriminate use of chemical fertilizers, climate change and hence
Title	**Demonstration of ICM in Bittergourd**
Technology to be demonstrated:	Integrated Crop Management
Hybrid or Variety:	Variety
Source of Technology:	DrYSRHU, 2024
Description	1.Seed treatment with Thiram@3g/kg followed by Imidacloprid@5g/kg seed followed by T. viride @ 20g/kg seed. 2. Application of FYM@ 8tonnes+100% RDF (40-32-16kg NPK/acre) following basal application of full dose of P and K fertilizers and Top dressing of Application of Nitrogenous fertilizer at 25- 30DAS and fruit set stages. 3. Foliar application of Borax @3g/litre at 2-4 leaf stage (or) Cycocel@250ppm at 2-4 leaf stage 4.Poison baiting with solution prepared with 100ml Malathion+100g Jaggery mixed in litre of water (or) Poison baiting with solution prepared with 10 ml each of Methyl Eugenol, Vinegar and Jaggery solution. 5.Installation of fruit fly traps @2 per acre for regular monitoring of pest attack 6.Removal and destruction of viral disease infected plants. 7.Need based spraying of pesticides for management of sucking pests
Potential yield	58-60 t/ha
Critical input, quantity and cost	Borax, Cycocel, Fruit fly traps, cue lures, Malathion, Neem oil
Farmers practice	Indiscriminate use of chemical fertilizers
Source of input	KVK
Photos	
Average farmers yield	50-52 t/ha
Season	Kharif, 2025
No. of Demos (replications)	4
Total cost for the Demo	Rs.6000/-
Parameters to be studied:	COC, yield and yield attributes, economics
Parameters to be reported	COC, yield and yield attributes, economics

Source of funding (KVK-Main/TSP/ /SC SP/ Project/Others	KVK Main, SCSP
Team members	SMS, Horticulture, Senior Scientist & Head, SMS Agril Extn

FLD No.:	**06**
Status (New proposal/2nd year /3rd year)	New Proposal
Subject	Horticulture
Category:	vegetables
Crop/ enterprise:	Dolichos Bean
Farming situation	Bore well irrigated, upland, sandy clay loam
Prioritized problem:	low net returns due to existing varieties
Title	**Demonstration of Arka Krishna variety in Pole Dolichos Bean**
Technology to be demonstrated:	Arka Krishna
Hybrid or Variety:	Hybrid
Source of Technology:	IIHR, 2022
Description	Pole type and photo-insensitive and early variety. Pods are borne in clusters and dark green coloured. Suitable for Karnataka. Developed by Pedigree method of selection from F7 generation involving (IIHR 178 X Arka Swagat). Pod Yield: 30.0 t/ha in 120 days
Potential yield	146 q/ha
Critical input, quantity and cost	2kg seed, Rs.1300/-
Farmers practice	Doley
Source of input	KVK
Photos	
Average farmers yield	93.25 q/ha
Season	Rabi, 2025
No. of Demos (replications)	4
Total cost for the Demo	Rs.5200/-
Parameters to be studied:	COC, yield and yield attributes, economics
Parameters to be reported	COC, yield and yield attributes, economics

Source of funding (KVK-Main/TSP/ /SC SP/ Project/Others (specify)	KVK Main, SCSP
Team members	SMS, Horticulture, Senior Scientist & Head, SMS Agril Extn

FLD No.:	**07**
Status (New proposal/2nd year /3rd year)	New Proposal
Subject	Horticulture
Category:	Spices
Crop/ enterprise:	Chilli
Farming situation	Bore well irrigated, lowland, sandy clay loam
Prioritized problem:	Low returns due to high incidence of leaf curl viral disease
Title	**Demonstration of Arka Yeshasvi variety in Chilli**
Technology to be demonstrated:	Arka Yeshasvi
Hybrid or Variety:	Hybrid
Source of Technology:	IIHR
Description	**Arka Yeshasvi,** released as high yielding F_1 hybrid with resistance to ChLCV disease. Plants are tall and spreading with dark green foliage, Fruits are pendent, 8-10x1.2cm, firm, medium pungent, green and turn deep red on maturity.
Potential yield	75-82q/ha
Critical input, quantity and cost	2500 seedlings including Chilli seed, Rs.1500/-
Farmers practice	Madhuri
Source of input	KVK
Photos	
Average farmers yield	55-65 q/ha
Season	Rabi, 2025
No. of Demos (replications)	4
Total cost for the Demo	Rs.6000
Parameters to be studied:	Disease Incidence (%), Yield, net returns, Cost of Cultivation, B:C Ratio
Parameters to be reported	Disease Incidence (%), Yield, net returns, Cost of Cultivation, B:C Ratio

Source of funding (KVK-Main/TSP/ /SC SP/ Project/Others (specify)	KVK Main, SCSP
Team members	SMS, Horticulture, Senior Scientist & Head, SMS Agril Extn

FLD No.:	**08**
Status (New /2nd /3rd year)	2nd year
Subject	Plant Protection
Category:	Plantation crops
Crop/ enterprise:	Coconut
Farming situation	Bore well irrigated, upland, sandy clay loam
Prioritized problem:	Low returns due to Rugose spiraling white fly
Title	**Demonstration of IPM practices for Rugose Spiralling White fly in Coconut.**
Technology to be demonstrated:	IPM practices for Rugose Spiralling White fly
Hybrid or Variety:	Hybrid
Source of Technology:	Dr. YSRHU, 2022
Description	1. Avoid the planting of infested plants 2. Release of *Apertochrysa astur* @ 100 to 150 eggs/palm during low incidence and up to 300eggs/palm during medium incidence for at least 10% of infested palms particularly in those plantations where spraying is not feasible. 3. Conservation of *Encarsia guadeloupae* in RSW infested areas 4. Installation of Yellow sticky traps on palm trunk @ 12 /acre to attract adult white flies and regular smearing with castor oil at 7-10 days interval. 5. Two-Three Sprayings of Azadirachtin 10000 ppm @ 1ml /L along with the detergent powder @10g/litre at 15-20 days interval. 6. Foliar application of Entomopathogenic fungi *Isaria fumosorosea* @1x10^{8}spores/ml or 5g/litre along with sticker @ 2ml/L.
Potential yield	120-150 q/ha
Critical input, quantity and cost	*Apertochrysa astur,* Azadirachtin 10000 ppm, *Isaria fumosorosea and* yellow sticky traps
Farmers practice	Indiscriminate use of insecticides
Source of input	KVK main
Photos	

Average farmers yield	-
Season	Kharif
No. of Demos (replications)	5
Total cost for the Demo	Rs.12000
Parameters to be studied:	Pest incidence (%), yield (q/ha), COC, Net Returns, B:C Ratio
Parameters to be reported	Pest incidence (%), yield (q/ha), COC, Net Returns, B:C Ratio
Source of funding (KVK-Main/TSP/ /SC SP/ Project/	KVK Main
Team members	SMS, Plant Protection, Senior Scientist and Head, SMS, Agri. Extension

FLD No.:	**09**
Status (New proposal/2nd year /3rd year)	1st Year
Subject	Plant Protection
Category:	Sericulture
Crop/ enterprise:	Mulberry
Farming situation	Bore well irrigated, Black sandy soils
Prioritized problem:	Low mulberry leaf yields due to root rot disease
Title	**Demonstration of Management of Root rot disease in mulberry**
Technology to be demonstrated:	✓ Remove and burn the diseased plants. ✓ Apply 200 kg of neem cake per acre to the orchard. ✓ Apply Rot Fix @ 10 g per litre of water to each infected plant and the surrounding plants. (Or) Apply a solution of Carbendazim + Mancozeb @ 2 g per litre of water to each infected plant and the surrounding plants.
Hybrid or Variety:	V1 mulberry variety
Source of Technology:	CSR&TI, 2020
Description	Rot fix a plant based product for management of root rot disease in mulberry it is an eco-friendly product (80% plant components & 20% chemicals) for control of root rot diseases in mulberry. It is a target specific, eco-friendly plant-based formulation and does not affect beneficial microflora in soil. The disease control is around 80-90%.
Potential yield	195kg Cocoons/crop/acre

Critical input, quantity and cost	Rot fix, neem cake and Carbendazim + Mancozeb
Farmers practice	Neem cake
Source of input	Seri input dealers,
Photos	
Average farmers yield	150kg Cocoons/crop/acre
Season	Throughout the year
No. of Demos (replications)	5
Total cost for the Demo	7500
Parameters to be studied:	No. of plants recovered/acre, leaf yield/acre, no. of dfls reared/crop/acre, cocoon yield/crop/acre
Parameters to be reported	No. of plants recovered/acre, leaf yield/acre, no. of dfls reared/crop/acre, cocoon yield/crop/acre
Source of funding (KVK-Main/TSP/ /SC SP/ Project/Others (specify)	KVK Main/SC SP
Team members	SMS Plant Protection, Senior Scientist and Head, SMS Agri. Extension

FLD No.:	**10**
Status (New proposal/2nd year /3rd year)	2 nd year
Subject	Plant Protection
Category:	Spices
Crop/ enterprise:	Chilli
Farming situation	Bore well irrigated, upland, sandy clay loam
Prioritized problem:	low net returns due to severe incidence of black thrips and indiscriminate use of chemical pesticides
Title	**Demonstration of IPM package for management of black thrips in Chillies**
Technology to be demonstrated:	Integrated Pest Management
Hybrid or Variety:	Variety
Source of Technology:	IIHR, 2022

Description	Sowing of maize/ bajra/ sorghum as border crop, nipping and destruction of infested top or apical shoots, installation of blue sticky traps @ 30/ acre after transplanting, application of Neem cake @ 100 Kg/acre in two splits i.e. at the time of transplanting and 30 DAP, spraying of Neem oil 3% @ 2ml/lt of water, spraying of *Beauveria bassiana* @ 5gm/lt and *Lecanicilium lecani* @ 5gm/lt and 0.5gm adjuvant /lt of water, need based spraying of spinetoram @ 0.8 ml/lt.
Potential yield	12-15t/ha
Critical input, quantity and cost	blue sticky traps, Neem cake, *Beauveria bassiana, Lecanicilium lecani and* spinetoram
Farmers practice	Indiscriminate use of chemical fertilizers
Source of input	KVK
Photos	
Average farmers yield	-
Season	Rabi
No. of Demos (replications)	5
Total cost for the Demo	Rs.12000/-
Parameters to be studied:	Pest incidence, COC, yield and yield attributes, economics
Parameters to be reported	COC, yield and yield attributes, economics
Source of funding (KVK-Main/TSP/ /SC SP/ Project/Others (specify)	KVK Main, SCSP
Team members	SMS, Plant Protection, Senior Scientist & Head, SMS Agril Extn

FLD No.:	**11**
Status (New proposal/2nd year /3rd year)	2nd year
Subject	Veterinary sciences
Category:	Bovines
Crop/ enterprise:	Feed and fodder management
Farming situation	NA
Prioritized problem:	Feeding of only green and dry fodder leads to poor performance and low milk yield in animals and at the same time increase the cost of milk production with imbalanced feed
Title	**Demonstration of formulated concentrate feeding on production and productivity performance of milch animals**
Technology to be demonstrated:	Feeding of formulated concentrate feed along with green and dry fodder
Hybrid or Variety:	
Source of Technology:	SVVU

Description	Feeding of properly formulated concentrate feed in right proportions helps to produce increased milk yield, fat percentage and reduce the cost of milk production.
Potential yield	Increased Milk yield, fat percentage, economics
Critical input, quantity and cost	Concentrate feed
Farmers practice	Feeding of rice bran alone
Source of input	Local available markets
Photos	
Average farmers yield	
Season	Khareef
No. of Demos (replications)	03
Total cost for the Demo	Rs.10000
Parameters to be studied:	milk yield, fat percentage, economics
Parameters to be reported	milk yield, fat percentage
Source of funding (KVK-Main/TSP/ /SC SP/ Project/Others (specify)	KVK Main
Team members	Dr.D.Anusha

FLD No.:	**12**
Status (New proposal/2nd year /3rd year)	2nd year
Subject	Veterinary sciences
Category:	Bovines
Crop/ enterprise:	Disease management
Farming situation	NA
Prioritized problem:	Delayed sexual maturity and loss of one production cycle
Title	**Demonstration of scientific managemental strategies in prepubertal heifers to curtail delayed sexual maturity**
Technology to be demonstrated:	Heifers-ideal age of first insemination.
Hybrid or Variety:	Crossbred cattle
Source of Technology:	SVVU

Description	Application of package of practices (Deworming at the time of enrolment followed by once every 3 months. Concentrate (Type 1 with 14-15% CP) feeding @1-1.5kg/animal/day along with complete feed+mineral mixture @50gs/day/animal.
Potential yield	One calf plus additional lactation cycle of animal
Critical input, quantity and cost	Feed, mineral mixture
Photos	
Farmers practice	No or little Feeding of additional concentrate and mineral mixture
Source of input	KVK
Photos	
Average farmers yield	Age of first conception at 26-30 months in cross bred cattle.
Season	Khareef
No. of Demos (replications)	3
Total cost for the Demo	Rs.7000
Parameters to be studied:	Body weight gain, first heat age, age at first conception, conception%
Parameters to be reported	Body weight gain, first heat age, age at first conception, conception%
Source of funding (KVK-Main/TSP/ /SC SP/ Project/Others (specify)	KVK Main
Team members	Dr.D.Anusha

FLD No.:	**13**
Status (New proposal/2nd year /3rd year)	2nd year
Subject	Veterinary sciences
Category:	Bovines
Crop/ enterprise:	Animal reproduction
Farming situation	NA
Prioritized problem:	High yielding crossbred cows being fed low calorie diet leading to decreased productivity, reproductive efficiency Irregular estrous cycle , silent heat, low conception rate, infertility
Title	**Demonstration of efficiency of coated vitamins and chelated trace minerals in improving the reproductive efficiency of dairy cattle.**
Technology to be demonstrated:	Supplementation of vitamins and minerals along with green,dry fodder and concentrate feed.

Hybrid or Variety:	
Source of Technology:	SVVU
Description	Feeding of chelated minerals and vitamins @50gms per day along with green, dry fodder and concentrate feed
Potential yield	Conception rate, milk yield, fat percentage
Critical input, quantity and cost	Strong mineral mixture
Farmers practice	Green and dry fodder
Source of input	Local available markets
Photos	
Average farmers yield	
Season	Khareef
No. of Demos (replications)	5
Total cost for the Demo	Rs.5000
Parameters to be studied:	Conception rate, milk yield, fat percentage,economics
Parameters to be reported	Conception rate
Source of funding (KVK-Main/TSP/ /SC SP/ Project/Others (specify)	KVK Main
Team members	Dr.D.Anusha

FLD No.:	**14**
Status (New proposal/2nd year /3rd year)	New proposal
Subject	Veterinary sciences
Category:	Poultry
Crop/ enterprise:	Breed evaluation
Farming situation	NA
Prioritized problem:	Low body weight and egg production, high mortality
Title	**Demonstration on performance of Ghagus bird under backyard poultry farming**
Technology to be demonstrated:	Ghagus Chicks 45 days old completely vaccinated
Hybrid or Variety:	
Source of Technology:	DPR Hyderabad
Description	Ghagus bird is a dual purpose breed with age at first egg: 160–180 days, Annual egg production: 160–180

	eggs/year, Adult body weight: Male: 2.5–3.0 kg Female: 1.8–2.2 kg, Egg weight: 50–55 g with good mothering ability and natural brooding behavior with production of brown coloured eggs
Potential yield	Early weight gain, high egg production, low mortality
Critical input, quantity and cost	Chicks 45 days old
Farmers practice	Desi breed
Source of input	Local available
Photos	
Average farmers yield	1 kg for 5 months
Season	Khareef
No. of Demos (replications)	10
Total cost for the Demo	Rs.25000
Parameters to be studied:	Body weight, egg production, mortality
Parameters to be reported	Body weight, egg production, mortality
Source of funding (KVK-Main/TSP/ /SC SP/ Project/Others (specify)	KVK Main
Team members	Dr.D.Anusha

FLD No.:	**15**
Status (New proposal/2nd year /3rd year)	2nd year
Subject	Home Science
Category:	Value Additions.
Crop/ enterprise:	coconut
Farming situation	EDP
Prioritized problem:	Thyroid, endocrine disorders is being drastically increasing due to unhealthy life styles.
Title	**Demonstration on Value addition to coconut**
Technology to be demonstrated:	Demonstrations on preparation of Coconut virgin oil, desiccated coconut powder, coconut chips and coconut pickle.
Hybrid or Variety:	-

Source of Technology:	Coconut value added Products by Coconut Board of India
Description	Coconut kernels are densely packed with nutrients like zinc, calcium and niacin that help regulate hormones. Medium Chain Triglycerides are found in high concentrations in coconut oil, which makes it beneficial for the prevention of further hormonal imbalances and the alleviation of oxidative stress.
Potential yield	Acceptability of the products
Critical input, quantity and cost	Cost calculations
Farmers practice	No Value Addition
Source of input	Coconut, sugar, vinegar and spices
Photos	   
Average farmers yield	
Season	Throught the Year
No. of Demos (replications)	5
Total cost for the Demo	7500/-
Parameters to be studied:	Acceptability of the products
Parameters to be reported	Cost calculations
Source of funding (KVK-Main/TSP/ /SC SP/ Project/Others (specify)	SC-SP,KVK Main
Team members	SMS, Home Science Senior Scientist and Head

FLD No.:	**16**
Status (New proposal/2nd year /3rd year)	2nd year
Subject	Home Science
Category:	Value Additions.
Crop/ enterprise:	Flowers
Farming situation	EDP
Prioritized problem:	Recycling floral waste and creating eco-friendly products reduces soil degradation, water pollution and helps in income generation and self-employment
Title	**Demonstration on Value addition to flowers**

Technology to be demonstrated:	Agarbatti machine, moulds, frames and dry and fresh flowers, Jigat powder (binding), wood powder, camphor, Resin, frames, wax, etc.
Hybrid or Variety:	-
Source of Technology:	flowers technologies (DRYSRHAU)
Description	Recycling of flowers can lead to income generation and reduce soil and water pollution.
Potential yield	Acceptability of the products
Critical input, quantity and cost	Cost calculations
Farmers practice	No Value Addition
Source of input	Agarbatti machine, moulds, frames and dry and fresh flowers, Jigat powder (binding), wood powder, camphor, Resin, frames, wax, etc.
Photos	  
Average farmers yield	
Season	Throught the Year
No. of Demos (replications)	5
Total cost for the Demo	7500/-
Parameters to be studied:	Acceptability of the products
Parameters to be reported	Cost calculations
Source of funding (KVK-Main/TSP/ /SC SP/ Project/Others (specify)	SC-SP, KVK Main
Team members	SMS, Home Science Senior Scientist and Head

Note:- for other thematic areas

Technology description for IPM, IDM, IPDM must be short, complete and self-explanatory. Source/availability of all the inputs including the critical must be mentioned. If available, cost of each input including the critical input must be mentioned. Dosage, stage and time of application, spray volume/fluid concentration, type of sprayer to be used.

Technology description for Soil test based INM must include Major and micronutrients and organic manure. Equation or methodology for calculating the soil test-based fertilizers must be provided. RDF must include Major and micronutrients and organic manures as recommended by SAU. Details of the machineries, tools and implements and availability must be provided. Source and cost of seeds and planting materials for horticultural crops must be mentioned.

Extension studies for 2026-27

S. No	Title of the study	Objectives	Location of the study	Status	Cost involved	No of farmers	Team of members involved
1	A study on Impact of ANGRAU / ICAR technologies in adopted villages of KVKs.	**1.** To study the Knowledge and Perception about the KVK interventions **2.** To study the Extent of adoption of KVK interventions **3.** To study the impact of KVK interventions on beneficiary farmers **4.** To study the constraints in adoption of KVK interventions	Operational area of KVK	1st year	2000/-	120	SMS (Agril. Extension) & Senior Scientist and Head
2	Study on the farmers perception and adoption of Agriculture drone technology	1. To study the Knowledge and Perception about agricultural drone technology 2. To study the Extent of adoption of Agricultural drone technology 3. To study the constraints and elicit the suggestions to improve agricultural drone technology by the farmers	Operational area of KVK	1st year	2000/-	120	SMS (Agril. Extension) & Senior Scientist and Head
3	A study on adoption of natural farming Practices by farmers in Tirupati district: Generating evidence for effective policy Design	1. To study the socio-economic and communication characteristics of natural farming adopters and non-adopters 2. To assess the knowledge, attitude, and adoption levels of farmers regarding recommended natural farming components. 3. To evaluate the information sources and communication channels utilized by farmers for natural farming practices. 4. To identify the major operational constraints faced	Operational area of KVK	1st year	2000/-	120	SMS (Agril. Extension) & Senior Scientist and Head

		by farmers and elicit suggestions for effective policy design.					

9.3. National Food Security Mission (NFSM) / National Pulses Mission

9.3.1. Cluster Frontline Demonstrations on Pulses 2026-27

Category	Crop/ enterprise	Prioritized problem	Technology to be demonstrated	Specify Hybrid or Variety	Name of the Hybrid or Variety	Source of Technology	Name of critical input	Qty per Demo	Cost per Demo (Rs)	No. of Demo	Total cost for the Demo (Rs.)	Parameters to be studied	Team member
Pulses	Blackgram	-	-	-	-	-	-	-	-	-	-	-	-
	Redgram	-	-	-	-	-	-	-	-	-	-	-	-
	Total	-	-	-	-	-	-	-	-	-	-	-	-

8.3.2. Cluster Front Line Demonstrations on Oil Seeds 2026-27

Category	Crop/ enterprise	Prioritized problem	Technology to be demonstrated	Specify Hybrid or Variety	Name of the Hybrid or Variety	Source of Technology	Name of critical input	Qty per Demo	Cost per Demo (Rs)	No. of Demo	Total cost for the Demo (Rs.)	Parameters to be studied	Team member
Oilseeds	Groundnut	Poor ICM practices with low yielding local variety	ICM & IPDM practices with improved variety Visishta	Visishta	Visishta	ANGRAU	Seed, weedicide, micro-nutrient, need based plant protection chemicals	Seed – 30kgs, weedicide -1 lit, micro-nutrient-1 kg, need based plant protection chemicals-1lit	5600/-	150	8,40,000/-	Pod yield, Growth parameter & Economics	SMS Agronomy, SMS Agri.Ext., Senior Scientist & Head

	Sesame	Varieties susceptible to diseases	ICM & IPDM practices with improved variety YLM 146	YLM 146	YLM 146	ANGRAU	Seed, weedicide, micro-nutrient, need based plant protection chemicals	Seed – 3kgs, weedicide -1 lit, micro-nutrient-1 kg, need based plant protection chemicals-1lit	3200/-	100	3,20,000/-	Pod yield, Growth parameter & Economics	SMS Agronomy, SMS Agri.Ext., Senior Scientist & Head
	Sunflower	-	-	-	-	-	-	-	-	-	-	-	-
	Castor	-	-	-	-	-	-	-	-	-	-	-	-
	Safflower	-	-	-	-	-	-	-	-	-	-	-	-
	Others	-	-	-	-	-	-	-	-	-	-	-	-
	Total									**250**	**11,60,000**		

10. Special Programmes 2026-27

S. No.	Category/ Crop or enterprise	Prioritized problem	Title of Technology	Source	No. of Demo	Area (ha)/ Units	Details of critical inputs	Total cost involved (Rs.)	Names of the team members involved
1	IFS	-	-	-	-	-	-	-	-
2	EDP	-	-	-	-	-	-	-	-
3	FFS	-	-	-	-	-	-	-	-
4	NFDB	-	-	-	-	-	-	-	-
5	SERP	-	-	-	-	-	-	-	-
6	Cotton	-	-	-	-	-	-	-	-
7	OMV	-	-	-	-	-	-	-	-
8	MPV	-	-	-	-	-	-	-	-
9	FOM	-	-	-	-	-	-	-	-
10	Others (Please specify	-	-	-	-	-	-	-	-

11. Externally funded projects (Other than ICAR / ATARI)

11.1. Projects summary

S.No.	Title	Funding agency	Duration in years	Year of start	Physical details (no. of programmes, participants, area etc.)	Total budget (Rs)	Current year budget (Rs)	Team Members Involved
-	-	-	-	--	-	-	-	-
-	-	-	--	-	--	-	-	-

11.2. Project details (Use one table per project)

Funding Agency	
State/Central/Over Seas	
Title	
Objectives	
Study area	
Methodology	
Team Members	
Budget	

12. Trainings planned during 2026-27

12.1. Trainings for Farmers and Farm Women planned during 2026-27

S. No	Thematic area	Crop / Enterprise	Major problem	Linked field intervention (OFT/ FLD)	Training Course Title	No. of Courses	Expected No. of participants (including SC/ST Farmers)	Names of the team members involved
1	Crop Production	Cereals & millets	Non availability of improved varieties and poor management practices	OFT & FLD	Production technology of cereals & millets	1	20	SMS, Agronomy & Sr. Scientist & Head
2	Crop Production	Others	Pest and disease outbreak, low yield and poor soil health management	-	Natural farming, Crop diversification and cropping systems	2	40	SMS, Agronomy & Sr. Scientist & Head
3	Crop Production	Oilseeds	Non availability of improved varieties and poor nutrient, pest & disease management practices	OFT & FLD	Production technology of oilseeds	1	20	SMS, Agronomy & Sr. Scientist & Head
4	Crop Production	Coconut	Low yields and returns due to improper nutirtion and sole cropping respectively	OFT	Improved Production technology of Coconut	1	20	SMS, Horticulture, Senior Scientist and Head
5	Crop Production	Mango	low productivity due to unfavorable climatic climate conditions	FLD	Integrated crop management in Mango during post harvest period	1	25	SMS, Horticulture, Senior Scientist and Head
6	Crop Production	Ginger, Turmeric	Low returns due to sole cropping of Coconut	OFT	Improved Production technology of	1	20	SMS, Horticulture, Senior

					Ginger, Turmeric			Scientist and Head
7	Crop Production	Brinjal	Low returns due to biotic and abiotic stresses	FLD	Improved Production technology of Brinjal	1	20	SMS, Horticulture, Senior Scientist and Head
8	Crop Production	Tuberose	Low returns due to weed menace, abiotic factors	-	Integrated crop Management in Tuberose	1	25	SMS, Horticulture, Senior Scientist and Head
9	Crop Production	Tomato	Low net returns due to high cost of cultivation, imbalanced use of fertilizers pest and disease management during spring summer season	OFT	Improved Production technology of Tomato	1	25	SMS, Horticulture, Senior Scientist and Head
10	Crop production	Mango	Low yields due to micronutrient deficiencies, fruit drop and hormonal imbalance	FLD	Integrated crop management practices during flowering and fruiting stages in Mango	1	25	SMS, Horticulture, Senior Scientist and Head
11	Crop production	Melons	Low net returns due to indiscriminate use of chemical fertilizers and pesticides	-	Improved Production technology of Tomato	1	25	SMS, Horticulture, Senior Scientist and Head
12	Soil Health and Fertility Management	Others	Poor macro and micro nutrient management in the field crops resulted in lower yields, Indiscriminate use of	OFT & FLD	Integrated Nutrient Management and management of problematic soils	2	40	SMS, Agronomy & Sr. Scientist & Head

			chemical fertilizers, low yield of crops and 15nutrient deficiency symptoms					
13	Soil Health and Fertility Management	Others	Soil and water erosion	FLD	Soil-Water conservation technologies	1	20	SMS, Agronomy & Sr. Scientist & Head
14	Soil Health and Fertility Management	Others	Late on set of monsoon /Drought/Early season of monsoon	-	Contingency crop planning	1	20	SMS, Agronomy & Sr. Scientist & Head
15	Soil Health and Fertility Management	Field crops and Horticultural crops	Lack of awareness of benefits of biofertilizers	-	Role of Biofertilizers in balanced fertilizer use	1	25	SMS, Plant Protection Senior Scientist and Head
16	Soil Health Management	Others	Indiscriminate use of chemical fertilizers	Training	Importance of soil testing and soil health management	1	25	SMS, Extension Senior Scientist and Head
17	Plant Protection	Bitter gourd	low productivity due to biotic and abiotic stresses	FLD	Improved Production technology of Bittergourd	1	20	SMS, Horticulture, Senior Scientist and Head
18	Plant protection	Pole Dolichos Bean	Low yields from existing varieties, high incidence of pod borers, Rust, CMV incidence	FLD	Improved Production technology of Pole Dolichos bean	1	20	SMS, Horticulture, Senior Scientist and Head
19	Plant protection	Chilli	Low yields from existing varieties due to black thrips, Leaf curl viral	FLD	Improved Production technology of Chilli	1	20	SMS, Horticulture, Senior

			disease incidence and also due to heavy rains during NE monsoon season, imbalanced use of fertilizers					Scientist and Head
20	Plant Protection	Paddy	Low yields due to pest and disease incidence in paddy	OFT	Integrated Pest and disease Management (IPM) practices in paddy cultivation.	1	25	SMS, Plant Protection Senior Scientist and Head
21	Plant Protection	Groundnut	Wild animals like wild boar damage was higher in the groundnut during all the seasons resulted in lower pod yield	OFT	Vertebrate pest management practices in Field crops	1	25	SMS, Plant Protection Senior Scientist and Head
22	Plant Protection	Chilies	Yield reduction due to heavy infestation of black thrips.	FLD	Integrated Pest Management (IPM) practices for thrips in chilli cultivation	1	25	SMS, Plant Protection Senior Scientist and Head
23	Plant Protection	Coconut	Yield reduction due to heavy infestation of whiteflies.	FLD	Integrated Pest Management (IPM) practices for Rugose spiralling whitefly control in coconut.	1	25	SMS, Plant Protection Senior Scientist and Head
24	Plant Protection	Mango	Yield and quality reduction due to heavy infestation of mango hoppers and thrips	OFT	Integrated Pest Management (IPM) practices in mango cultivation.	1	25	SMS, Plant Protection Senior Scientist and Head
25	Plant Protection	Tomato and brinjal	Low yields due to pest and disease incidence	-	Integrated pest and disease management practices in tomato and brinjal crops	1	25	SMS, Plant Protection Senior Scientist and Head

26	Plant Protection	Groundnut	Low yields due to pest and disease incidence	OFT	Integrated pest and disease management practices in Groundnut	1	25	SMS, Plant Protection Senior Scientist and Head
27	Livestock Production and Management	Milch animals	High Incidence of mastitis and decreased milk yield	OFT & FLD	Importance of supplementation of mineral mixture to improve productivity	1	30	SMS veterinary, Senior Scientist & Head
28	Livestock Production and Management	Milch animals	Decreased milk yield and fat	OFT & FLD	Balanced feeding in milch animals to improve milk yield	1	20	SMS veterinary, Senior Scientist & Head,
29	Livestock Production and Management	Milch animals, sheep & goats, poultry	Increased unemployment	OFT & FLD	Self-employment through rearing of animals.	1	20	SMS veterinary, Senior Scientist & Head,
30	Food and nutrition	Vegetables	Nutritional security	-	Training Programme on importance of Nutro garden	1	25	SMS, Home Science Senior Scientist and Head
31	Value addition	Milk	income generation	-	Training Programme on Milk Value Addition	1	25	SMS, Home Science Senior Scientist and Head
32	Food and nutrition	Food Groups	Nutritional security	-	Training Programme on Balance diet	1	25	SMS, Home Science Senior Scientist and Head

33	Food and nutrition	Adulterations	Food security	-	Training Programme on importance of Food Adulterations	1	25	SMS, Home Science Senior Scientist and Head
34	Home Science/Women empowerment	Food groups	income generation	-	Training Programme on importance of Leafy vegetables	1	20	SMS, Home Science Senior Scientist and Head
35	Agricultural Extension	Group dynamics	Lack of awareness	Awareness	Training programme on formation and maintenance of FPOs	1	20	SMS, Agriculture Extension
36	Agricultural Extension	Others	Lack of awareness	Awareness	Training programme on e-marketing platforms for agriculture products	2	30	SMS, Agriculture Extension
37	Agricultural Extension	Others	Lack of awareness	Awareness	Training program on govt. welfare schemes towards agriculture and allied sectors	1	20	SMS, Agriculture Extension
38	Agricultural Extension	Others	Low yields due to poor management practices	Awareness	Training program on Good Agriculture Practices in major crops	1	20	SMS, Agriculture Extension
39	Agricultural Extension	ICTs	Lack of awareness	Awareness	Training programme on ICTs in agriculture and allied sectors	1	20	SMS, Agriculture Extension
	TOTAL					**42**	**930**	

12.2. Training for Rural Youth planned during 2026-27

S. No	Thematic area	Crop / Enterprise	Major problem	Linked field intervention (OFT/ FLD)	Training Course Title	No. of Courses	Expected No. of participants	Names of the team members involved
1	Nursery Management of Horticulture crops	Nursery	Unemployment	FLD	Plant propagation	1	15	SMS, Horticulture & Sr. Scientist and Head
2	Training and pruning of orchards	Mango	Irregular bearing	FLD	Rejuvenation/Canopy management in Mango	1	15	SMS, Horticulture & Sr. Scientist and Head
3	Protected cultivation of vegetable crops	Vegetables	Low returns from local vegetable crops	FLD	Production technology of high value vegetables	1	15	SMS, Horticulture & Sr. Scientist and Head
4	Commercial fruit production	-	-	-	-	-	-	-
5	Integrated farming	Crop and Allied activities	High cost of cultivation, crop failures due to weather aberrations	-	Integrated farming	1	20	SMS, Agronomy Senior Scientist and Head
6	Seed production	Cereals, pulses & Oilseeds	Non availability of improved varieties and poor management practices	OFT & FLD	Seed production	1	20	SMS, Agronomy Senior Scientist and Head
7	Production of organic inputs	-	Non availability and high cost of FYM	-	Vermi compost production/Natural farming infusions	2	20	SMS, Agronomy Senior Scientist and Head

8	Planting material production	-	-	-	-	-	-	-
9	Vermi-culture	-	-	-	-	-	-	-
10	Mushroom Production	Mushrooms	Lack of knowledge	-	Training programme on mushroom cultivations	1	30	SMS, Home Science Senior Scientist and Head
11	Beekeeping	Allied enterprises	Rural unemployment and lack of awareness on bee keeping	-	Bee keeping	1	25	SMS, Plant Protection, Senior Scientist and Head
12	Sericulture	-	-	-	-	-	-	-
13	Repair and maintenance of farm machinery and implements	Income generation	Lack of knowledge and awareness	Awareness	Training programme on repairs and maintenance of farm machinery	1	25	SMS, Agriculture Extension Senior Scientist and Head
14	Value addition	-	-	-	-	-	-	-
15	Small scale processing	-	-	-	-	-	-	-
16	Post Harvest Technology	-	-	-	-	-	-	-
17	Tailoring and Stitching	-	-	-	-	-	-	-
18	Rural Crafts	-	-	-	-	-	-	-
19	Production of quality animal products	-	-	-	-	-	-	-
20	Dairying	Milch animals	Increased incidence of diseases leading to decreased production	OFT & FLD	Care and management of pregnant animals and new born calves	1	15	SMS veterinary, Senior Scientist & Head, SMS Agril.Ext.
21	Sheep and goat rearing	Feed and fodder production	Decreased availability of fodder in summer season	OFT & FLD	Azolla cultivation and its importance	1	15	SMS veterinary, Senior Scientist & Head, SMS Agril.Ext.

22	Quail farming	-	-	-	-	-	-	-
23	Piggery	-	-	-	-	-	-	-
24	Rabbit farming	-	-	-	-	-	-	-
25	Poultry production	Disease management	High mortality	OFT & FLD	Importance of deworming and vaccination in poultry	1	20	SMS veterinary, Senior Scientist & Head, SMS Agril.Ext.
26	Ornamental fisheries	-	-	-	-	-	-	-
27	Composite fish culture	-	-	-	-	-	-	-
28	Freshwater prawn culture	-	-	-	-	-	-	-
29	Shrimp farming	-	-	-	-	-	-	-
30	Pearl culture	-	-	-	-	-	-	-
31	Cold water fisheries	-	-	-	-	-	-	-
32	Fish harvest and processing technology	-	-	-	-	-	-	-
33	Fry and fingerling rearing	-	-	-	-	-	-	-
34	Farm mechanization	Agriculture drones	Labour shortage and high labour wages	FLD	Training programme on agriculture drones	1	25	SMS, Agriculture Extension
35	Any other (pl. specify)	All Crops	High cost of cultivation, environmental pollution and lack of awareness regarding IPM	OFT and FLD	Integrated pest Management	1	25	G. Anil Kumar, T. Ramu Kumar, S. Sreenivasulu
	Total					**15**	**285**	

12.3. Training for Extension Personnel planned during 2026-27

S. No	Thematic area	Training Course Title	No. of Courses	No. of Participants
1	Productivity enhancement in field crops	Production management practices for cereals, pulses & oilseeds	1	20
2	Integrated Pest Management	IPM practices for pest management in field crops	4	90
3	Integrated Nutrient management	INM practices for field crops	2	40
4	Rejuvenation of old orchards	-	-	-
5	Protected cultivation technology	Protected cultivation of flowers and vegetables	1	20
6	Production and use of organic inputs	-	-	-
7	Care and maintenance of farm machinery and implements	-	-	-
8	Gender mainstreaming through SHGs	-	-	-
9	Formation and Management of SHGs	-	-	-
10	Women and Child care	Training programme on Nutritional security	1	25
11	Low cost and nutrient efficient diet designing	-	-	-
12	Group Dynamics and farmers organization	Capacity building for Management and Members of FPOs	2	50
13	Information networking among farmers	-	-	-
14	Capacity building for ICT application	Role and importance of ICT tools in agriculture and allied sectors	2	50
15	Management in farm animals	-	-	-
16	Livestock feed and fodder production	General management practices to be followed dairy and sheep farming	1	30
17	Household food security	-	-	-
18	Any other (Pl. Specify) Climate resilience in Horticulture	Climate smart technologies (or) climate resilient technologies in Horticultural crops	1	20
19	Productivity enhancement in horticultural crops	Improved production technologies in Horticultural crops	1	20
	Total		**16**	**365**

12.4. Skill training and vocational trainings planned during 2026-27

S.No.	Training title	Duration (Days)	No. of programmes	Sponsoring agency	Participants (Nos.)	Name of the team members
1.	Direct wet sowing of paddy with drum seeder technology	2	1	ICAR-ATARI	20	SMS, Agronomy
2	Integrated Farming Systems	7	1	ASCI, New Delhi	25	SMS (Horticulture), Senior Scientist & Head
3	Training on sheep rearing and management	3	1	ICAR-ATARI	15	SMS Veterinary, Senior scientist and head
	Total Courses		**3**		**60**	

12.5. Sponsored training planned during 2026-27

S. No.	Thematic area and the Crop/Enterprise	Training title	No. of programmes and Duration (days)	Type of Clientele*	Expected No. of participants	Sponsoring agency	Names of the team members involved
1	Crop Production and Management	Capacity Building on IIHR technologies	1	SC Farmers and Farm women	50	IIHR, Bangalore	SMS (Horticulture), Senior Scientist & Head
2	Crop Production and Management	Capacity Building on IIHR technologies	1	ST Farmers and Farm women	50	IIHR, Bangalore	SMS (Horticulture), Senior Scientist & Head

***SHGs, NYKs, Women, Youth etc.**

13. Extension programmes planned during 2026-27

S. No.	Extension programme	No. of programmes	No. of Participants	Team member involved
1	Advisory Services	65	18500	KVK Staff
2	Diagnostic visits	45	620	KVK Staff
3	Field Day	10	300	KVK Staff
4	Group discussions	12	350	KVK Staff
5	Kisan Goshti	05	250	KVK Staff
6	Film Show	8	650	KVK Staff
7	Kisan Mela	1	500	KVK Staff
8	Exhibition	2	650	KVK Staff
9	Scientists' visit to farmers field	35	350	KVK Staff
10	Plant/Soil health/Animal health camps	08	750	KVK Staff
11	Ex-trainees Sammelans	-	-	
12	Farmers' seminar/workshop	02	50	KVK Staff
13	Method Demonstrations	12	280	KVK Staff
14	Celebration of important days	06	150	KVK Staff
15	Special day celebration	04	120	KVK Staff
16	Exposure visits	01	25	KVK Staff
17	Technology week	--	--	
18	FFS	--	--	
19	Farm innovators meet	--	--	
20	Awareness programs	25	800	KVK Staff
21	Lecture delivered	10	350	KVK Staff
22	TV/Radio Programme	20	--	KVK Staff
23	News clips	120	--	KVK Staff
24	Popular Articles	05	--	KVK Staff
25	Research Article	02	--	KVK Staff
26	Extension Literatures	08	--	KVK Staff
27	Kisan Mobile Advisory Services	50	33200	KVK Staff
	Others (Keth Bachao Abhiyan)	23	4600	KVK Staff
	Total	**479**	**62495**	

14. Activities proposed as Knowledge and Resource Centre during 2026-27

14.1. Technological knowledge

S. No.	Category	Details of technologies	Area (ha)/ Number	Names of the team members involved
1	Weed management	Chemical weed management in paddy, groundnut, sugarcane and pulses	500 ha	SMS Agronomy
2	Integrated Crop Management	Production technology of Sunflower	1250 ha.	SMS Agronomy
3	Resource conservation/Farm Machinery	Drum seeder and Machine transplanting in paddy, sub soiling	18500 ha	SMS Agronomy
4	Organic farming	Vermicompost production	120 nos’	PA, Lab technician, SMS Agronomy,

5	Soil health and fertility management	Soil testing, supply of soil health cards to farmers and soil test based nutrient management	3500 no's	PA, Lab technician, SMS Agronomy,
6	Soil fertility management	Green manuring in mango	1500 ha	SMS, Horticulture
7	Integrated Crop Management	Production technology of paddy	250 ha	
8	Integrated crop management	Improved production technologies viz., INM, IWM and IPM in Tuberose	40 ha	SMS, Horticulture
9	Integrated crop management	Pruning, INM and IPM in mango	210 ha	SMS, Horticulture
10	Water conservation	Drip system in Tomato and Muskmelon	560 ha	SMS, Horticulture
11	Integrated Crop Management	INM, IPDM for Black thrips and Anthracnose in Chillies	80 ha	SMS, Horticulture
12	Soil and water conservation	Polythene mulching in tomato and vegetables	540 ha	SMS, Horticulture
13	Integrated Crop Management	Production Technology in Chrysanthemum	40 ha	SMS, Horticulture
14	Nutrient management	Fertigation in tomato	50 ha	SMS, Horticulture
15	Integrated Pest Management	IPM for South American Pin worm in tomato	120 ha	SMS, Horticulture
16	Integrated crop Management	INM and IPM for Shoot & fruit borer in Brinjal	160ha	SMS, Horticulture
17	Feed and fodder management	Multicrop 10 cents fodder production to enhance milk production	52 ha	SMS, Veterinary
18	Integrated Crop Management	Production technology of mulberry	120 ha	SMS, Plant Protection
19	Pest Management	Root rot Management in mulberry	115 ha.	SMS, Plant Protection
20	Farm mechanization	Application of drones in agriculture spraying	370 ha.	SMS, Agril Extension
21	ICTs in agriculture	Information dissemination by using different means of extension	5800 No's	SMS, Agril Extension,
22	Income generation	Mushroom production	75 Kg	SMS, Home Science
23	Value addition	Millet products	225 Kg	SMS, Home Science

14.2 Technological products planned to be produced in the KVK during 2026-27 (Seeds, planting materials, livestock, bio-inputs and other inputs)

S. No.	Category	Name of the product	Quantity (q) or Nos.	Names of the team members involved
1	Seeds	Groundnut	75	SMS Agronomy, Programme Assistant (Farm Manager), Senior Scientist & Head
2		Sesame	6	SMS Agronomy, Programme Assistant (Farm Manager), Senior Scientist & Head
3		Blackgram	10	SMS Agronomy, Programme Assistant (Farm Manager), Senior Scientist & Head
4		Paddy	30	SMS Agronomy, Programme Assistant (Farm Manager), Senior Scientist & Head
5		Drumstick	0.1q	SMS, Horticulture and Senior Scientist & Head
6		Chilli	0.2q	SMS, Horticulture and Senior Scientist & Head
7	Planting materials	Tomato	45000 Nos	SMS, Horticulture and Senior Scientist & Head
8		Chilli	160000 Nos	SMS, Horticulture and Senior Scientist & Head
9		Brinjal	40000 Nos	SMS, Horticulture and Senior Scientist & Head
10		Onion	50000 Nos	SMS, Horticulture and Senior Scientist & Head
11		Bittergourd	20000 Nos	SMS, Horticulture and Senior Scientist & Head
12		Chrysanthemum	20000 Nos	SMS, Horticulture and Senior Scientist & Head
13		Marigold	60000 Nos	SMS, Horticulture and Senior Scientist & Head
14		Drumstick	5000 Nos	SMS, Horticulture and Senior Scientist & Head
15		Mango	5000 Nos	SMS, Horticulture and Senior Scientist & Head
16		Acid lime	6000 Nos	SMS, Horticulture and Senior Scientist & Head
17		Jamun	2000 Nos	SMS, Horticulture and Senior Scientist & Head
18		Tuberose	150000 Nos	SMS, Horticulture and Senior Scientist & Head
19	Livestock	Chicks	100 Nos	SMS veterinary and Senior Scientist & Head
20		Sheep	10 Nos	SMS veterinary and Senior Scientist & Head
21	Bio products	Azolla	150 Kg	SMS veterinary and Senior Scientist & Head
22	Other inputs	Concentrate feed for cattle, sheep, poultry	10 Kg	SMS veterinary and Senior Scientist & Head

14.3. Technological Information

14.3.1. Technology backstopping to line departments

S. No	Category	Technological capsules / Number	Names of the team members involved
1	Improved variety	TCGS 1694 groundnut variety (High yielding resistant to tikka leaf spot & rust diseases)	SMS, Agronomy and Senior Scientist & Head
2	Improved variety	YLM 146 Sesame variety (higher yielding)	SMS, Agronomy and Senior Scientist & Head
3	Improved variety	Arka Abhed Tomato variety	SMS, Horticulture
4	Improved variety	Arka Abhi Marigold variety	SMS, Horticulture
	Improved variety	Arka Yeshasvi Chilli variety	SMS, Horticulture
5	Improved variety	Arka Prajwal Tuberose variety	SMS, Horticulture
6	Soil and water conservation	Polythene mulching in tomato	SMS, Horticulture
7	Nutrient management	INM using Arka microbial consortium for brinjal	SMS, Horticulture
8	Pest management	IPM package for nematode management in Tuberose	SMS, Horticulture

9	Pest management	IPM package for black thrips management in Chilli	SMS, Horticulture
10	Nutrient management	Micronutrient management using IIHR product Mango special in mango	SMS, Horticulture
11	Soil fertility management	Green manuring using Sunhemp in Mango	SMS, Horticulture
12	Disease management	IDM package for Die back disease in Chillies	SMS, Horticulture
13	Crop Management	Integrated Crop Management in Mango	SMS, Horticulture
14	Crop Management	Integrated Crop Management in Tuberose	SMS, Horticulture
15	Cropping systems	Multiple cropping in Mango	SMS, Horticulture
16	Seasonal Disease management in milch animals	Management practices for seasonal diseases in milch animals	SMS, Veterinary & Senior Scientist & Head
17	Seasonal Disease management in poultry	Management practices for seasonal diseases in poultry birds	SMS, Veterinary & Senior Scientist & Head
18	Nutrient management	Application of multi nutrient foliar sprays in mulberry	SMS Plant Protection, Sr. Scientist and head
19	Pest management	IPM package for mulberry	SMS Plant Protection, Sr. Scientist and head
20	Uzi Pest management	IPM practices in silkworm rearing	SMS Plant Protection, Sr. Scientist and head
21	Soil fertility management	Green manure (Sun hemp) seed for mulberry	SMS Plant Protection, Sr. Scientist and head
22	Disease management	IDM practices in silkworm rearing	SMS Plant Protection, Sr. Scientist and head
23	Farm machinery / labor sho0rtage	Application of drone in agriculture spraying	SMS, Agril Extension, Senior Scientist & Head

14.3.2. Publications planned

S. No	Category of publication	Number	Names of the team members involved
1	Booklet on sesame production technology	011	Sr. Scientist and Head, SMS, Agronomy
2	Booklet on groundnut production technology	01	Sr. Scientist and Head, SMS, Agronomy
3	Booklet	01	Sr. Scientist and Head, SMS, Horticulture
4	Training manual	01	Sr. Scientist and Head, SMS, Horticulture, Agrl.Extension
5	Leaflet/Pamphlets	04	Sr. Scientist and Head, SMS, Horticulture, Agrl.Extension
6	Folder	02	Sr Scientist and Head, SMS, veterinary
7	Popular articles	04	Sr. Scientist and Head, SMS, Horticulture, Agrl. Extension
8	Pamphlets	01	SMS veterinary, Sr. Scientist and Head
9	Folder	01	SMS veterinary, Sr. Scientist and Head
10	Pamphlets	03	SMS, Agricultural Extension, Sr. Scientist and Head
11	Booklet	01	SMS, Agricultural Extension, Sr. Scientist and Head

15. Additional (Collaborative) Activities Planned during 2026-27

(Other than projects mentioned in Chapters 10 and 11)

S. No.	Name of the agency / scheme	Name of activity	Technical programme with quantification	Financial outlay (Rs.)	Names of the team members involved
1	ICAR-IIHR (SCSP)	Capacity Building on IIHR technologies	Capacity building cum awareness for 50 farmers	Rs.50000/-	P.S. Sudhakar, SMS, Horticulture and Dr.S. Sreenivasulu, Sr. Scientist and Head
2	ICAR-IIHR (TSP)	Capacity Building on IIHR technologies	Capacity building cum awareness for 50 farmers	Rs.50000/-	P.S. Sudhakar, SMS, Horticulture and Dr.S. Sreenivasulu, Sr. Scientist and Head

16. Revolving Fund

16.1. Status of Revolving funds.

Opening balance as on 01.04.2025 (Rs.)	Receipts during 2025-26 (Rs)	Expenditure incurred during 2025-26 (Rs.)	Closing balance as on 31.03.2026 (Rs.)
83,55,058	54,79,591	59,07,323	79,27,326

16.2. Plan of activities under Revolving Fund during 2026-27

S. No.	Proposed activities	Expected output	Anticipated income (Rs.)	Name of the team member involved
1.	Seed production in groundnut, blackgram, greengram, sesamum and commercial production of paddy	120q	5,00,000.00	SMS (Agronomy), Farm Manager and Sr. Scientist & Head
2	Production of seedling and planting material of horticultural crops	563000 Nos	Rs.365000	SMS, Horticulture, Sr. Scientist & Head
3	Demonstration of flower crops	60 q	Rs.150000	SMS, Horticulture, Sr. Scientist & Head
4	Demonstration of Vegetable crops	60 q	Rs.125000	SMS, Horticulture
5	Demonstration of High-Density Mango orchard	250q	Rs.125000	SMS, Horticulture
6	Vegetable seed production	0.1q	Rs. 30000	SMS, Horticulture
7	Demonstration of Chilli varieties	2.0 q	Rs.25000	SMS, Horticulture
8	Rising of mulberry saplings	25000	Rs. 50000	SMS, Plant Protection
9	Rising of Medicinal saplings	2000	Rs 25000	SMS, Home Science
10	Vermicompost	15000	150000	PA, STL
11	Soil Sample analysis	1000	75000	PA, STL

17 Activities of soil, water and plant testing laboratory during 2026-27

S. No.	Type	Through	No. of samples	No of soil health cards	Names of the team members involved
1	Soil	Min soil testing lab	-	-	-
		Traditional lab	1000	1000	PA, STL, SMS, Agronomy SMS, Horticulture SMS, Sericulture
		AAS			
2	Water		20		PA, STL
3	Plant				

18. Plan of activity for Institutional Farm

S. No.	Activity	Area (ha)	Names of the team members involved
1	Seed production (Paddy, Groundnut, Blackgram, and Sesame)	250q	SMS (Agronomy), Farm Manager and Sr. Scientist & Head
2	Demonstration of vegetable crops	0.4	SMS, Horticulture Farm Manager and Sr. Scientist & Head
3	Demonstration of spices	0.4	SMS, Horticulture Farm Manager and Sr. Scientist & Head
4	Demonstration of flowers	0.4	SMS, Horticulture Farm Manager and Sr. Scientist & Head
5	High Density Mango Orchard	4.0	SMS, Horticulture Farm Manager and Sr. Scientist & Head
6	Demonstration of Jamun plantation	0.2	SMS, Horticulture Farm Manager and Sr. Scientist & Head
7	Demonstration of drumstick plantation	0.2	SMS, Horticulture Farm Manager and Sr. Scientist & Head
8	Mulberry nursery and cultivation	0.4	SMS, Plant Protection
9	Medicinal Plants Nursery	0.1	SMS, Home Science
10	Nutri garden and Surya mandala model	0.1	SMS, Home Science
11	IFS unit (Poultry, Sheep and Fodder)	0.2	SMS, Veterinary

19. Demonstration units in KVK premises

S. No.	Name of Demo unit	Capacity for production (Units)	Names of the team members involved
1	Demonstration of Natural farming groundnut and Paddy	0.8	SMS (Agronomy), Farm Manager and Sr. Scientist & Head
2	Pole type Vegetables (Dolichos bean Cucurbits) under trellis	2000kg	SMS, Horticulture, Farm Manager and Sr. Scientist & Head,
3	Varietal demonstration in flowers viz., Marigold, Tuberose, Chrysanthemum	4500kg	SMS, Horticulture, Farm Manager and Sr. Scientist & Head,
4	Grafted Brinjal demonstration unit	5000kg	SMS, Horticulture, Farm Manager and Sr. Scientist & Head,
5	Chilli varietal unit	1000 kg	SMS, Horticulture, Farm Manager and Sr. Scientist & Head
6	Natural farming demonstration unit	1000kg	SMS, Horticulture, Farm Manager and Sr. Scientist & Head
7	Drumstick demonstration unit	5 kg seed	SMS, Horticulture, Farm Manager and Sr. Scientist & Head
8	Jamun demonstration unit	1000 kg	SMS, Horticulture, Farm Manager and Sr. Scientist & Head
9	Mango High density plantation demonstration	20000 kg	SMS, Horticulture, Farm Manager and Sr. Scientist & Head
10	Urban gardening under shade net	1000 kg	Sr. Scientist & Head, SMS, Horticulture and Farm Manager
11	IFS (Farm Pond, Cultivation of Vegetables and Dairy)	1000 Kg	Sr. Scientist & Head, SMS, Horticulture and Farm Manager
12	Demo poultry	200 Aseel	SMS veterinary, Senior Scientist and Head
13	Demo sheep	30 sheep	SMS veterinary, Senior Scientist and Head
14	Feed mixing plant	1 ton	SMS veterinary, Senior Scientist and Head
15	Fodder plot	20 cents	SMS veterinary, Senior Scientist and Head
16	Azolla	4 pits	SMS veterinary, Senior Scientist and Head
17	Vermicompost Production	15000Kg	PA, STL, Senior Scientist and Head
18	Mulberry nursery	25000	SMS, Plant Protection
19	Medicinal plants nursery	5000	SMS, Home Science
20	Millet processing unit	50Kg	SMS, Home Science
21	Mushroom Production unit	50 Kg	SMS, Home Science
22	Technology Information unit	-	SMS, Extension, Senior Scientist and Head

20. E-linkage activities status / proposed during 2026-27

Activity	Particulars	No. of farmers in database/ involved in activity/ downloads/ users etc.
Website	Link: www.kvkchittoor.com	1000
Mobile App	Name and link: Nil	-
ICT initiative	05 WhatsApp groups	500 members
KVK portal (update status)	Infrastructure details & photos uploaded (no): Events uploaded: News items submitted:	Portal Not in working
KVK mobile App of ICAR	Downloaded and used by scientists (no.)	06
Other mobile Apps in use by KVK	KVK Agritech app, Plantix app, IDM weather app, FARMS, eNAM	-
mKisan of DAC & FW	-	-
Social media		
a) WhatsApp groups	No. of groups/KVK: 05	500
b) Facebook	Link: www.facebook.com/rasskvk.3	143
c) Twitter	Handle name: RASS –KVK, TIRUPATI, CHITTOOR, A.P	169
Membership / participation in online digital platforms for services/ marketing etc.	No membership	Our services of KVK were disseminated through social media like Face book and twitter
KVK Blogs etc.	-	-
Collaboration with public/ private firms for audio/ video conferencing *etc*	Agency: Eenadu, Medra Fertilizers limited, Coromandel International Ltd MoU (yes/no): No No. of programs done: 04	--
Any other (specify)		

21. Farmer's Field School planned

S. No	Thematic area	Title of the FFS	No. of members in FFS group	Budget proposed in Rs. In lakhs
1	-	-	-	-

Details of FFS

22. Details of Innovative Farmers network established

KVK is maintaining WhatsApp group with 141 innovative farmers from KVK operational area and dissemination information on Latest farming technologies, weather information, market information etc.

23. Budget - Details of budget utilization (2025-26) up to 31 March 2026 (₹.)

S. No	Particulars	Sanctioned Grant for 2025-26	Released for 2025-26	Expenditure for the period from 1-4-2025 to 31-3-2026
A	**RECURRING**			
1	**Pay & Allowances**			
2	**Travelling Allowances**			
	a) Field activities & programmes			
	b) Training programmes			
3	**Contingencies**			
A	***Office Contingencies***			
B	***Technical Programmes including TSP/ SCSP***			
	Total of Contingencies			
	Sub Total of Recurring Items (1+2+3)			
4	**NON-RECURRING CONTINGENCIES:**			
	Works			
	Furniture& Equipment			
	Vehicle			
	TSP (creation of physical assets)			
	SCSP Component (Creation of Physical assets)			
	Sub Total of non-recurring Items (4)			
5	**GRAND TOTAL**			

24. Details of Budget Estimate (2026-27) based on proposed action plan (₹.)

S. No	Particulars	Budget Estimate for 2026-27
A	**RECURRING ITEMS**	
1	**Pay & Allowances**	
2	**Travelling Allowances**	
a	Field activities & programmes	
b	Training programmes	
3	**Contingencies**	
	Office Contingencies	
a	Stationery, telephone, stamps and other expenditure on office running	
b	POL, repair of vehicles, tractor and equipment including hiring of vehicle	
4	**Technical Programmes**	
a	Rs.150/- per person per day towards food and refreshments for KVK training programmes for farmers/extension personnel	
b	Teaching materials for training and demonstrations	
c	Training of extension functionaries	
d	Publications of extension literature for farmers and extension functionaries	
e	Honorarium for trainers	
f	On Farm Testing (Problem Oriented)	
g	Front Line Demonstration on major crops including oilseeds & pulses, fodder crops, animal husbandry, fisheries, etc.,	
h	Kisan Meals /Farmers Fair (at KVK farm)	
i	Library (Purchase of newspaper, journals, etc.,)	
j	Maintenance of farm	
k	Value chain management of FPO/Integrated Farming System (IFS)/Farmers	

S. No	Particulars	Budget Estimate for 2026-27
	Field School (FFS)	
l	Soil Health Card (SHC)	
m	Website/mobile app etc.	
	Total of Contingencies	
	Total of Recurring Items	
B	**NON-RECURRING ITEMS:**	
a	Works	
b	Vehicle (Jeep/Tractor/2 Wheeler)	
c	Furniture	
d	TSP (creation of physical assets)	
e	SCSP Component (Creation of Physical assets)	
	Total of Non-Recurring Items	
	GRAND TOTAL (A+B)	

*to match with BE 2025-26 allocation including of research & operational expenses head including TSP and SCSP (15% of operational expenses for OFTs, 40% to FLDs, 25% to trainings and 20% to extension activities (indicative)

Signature of the Senior Scientist and Head of the KVK

Forwarded	**Verified**	**Approved**
[DEE/Chairman]	**[Nodal Officer (ATARI)]**	**[Director (ATARI)]**