PROFORMA FOR ANNUAL REPORT 2020 (January 2020 to December 2020)

1. GENERAL INFORMATION ABOUT THE KVK

1.1. Name and address of KVK with phone, fax and e-mail

Address	Telephone		E mail
	Office	FAX	
KVK, Dhenkanal, RRTTS Campus, Mahisapat, Dhenkanal,pin-759013	06762286610		kvkdhenkanal.ouat@gmail.com, dhenkanalkvk@yahoo.com

1.2 .Name and address of host organization with phone, fax and e-mail

Address	Telephone		E mail
	Office	FAX	
Odisha University of Agriculture and Technology, Bhubaneswar	0674-2397818/919	0674-2397424	registrarouat@gmail.com

1.3. Name of Senior Scientist and Head with phone & mobile No.

Name	Telephone / Contact		
	Residence	Mobile	Email
Dr. Bimalendu Mohanty		9078584428	bimalendum@rediffmail.com

1.4. Year of sanction of KVK: 2001

1.5. Staff Position (**as on 1st Jan, 2021)**

Sl. No.	Sanctioned post	Name of the incumbent	Designation	Discipline/	Pay Scale with present basic	Date of joining	Permanent/ Temporary	Category (SC/ST/ OBC/ Others)
1	Senior Scientist& Head	Dr. Bimalendu Mohanty	Sr. Scientist and Head	Agril. Engg.	15,600-39,100 30820	14.03.2005	Temporary	General
2	Subject Matter Specialist	Sasmita Pal	Scientist	Home Science	15,600-39,100 31780	19.08.2005	Temporary	General
3	Subject Matter Specialist	Debasis Panda	Scientist	Plant Protection	15,600-39,100 31780	07.01.2006	Temporary	General
4	Subject Matter Specialist	Manoranjan Mohanty	Scientist	Forestry	15,600-39,100 31780	14.02.2006	Temporary	General
5	Subject Matter Specialist	Dibya Sundar Kar	Scientist	Horticulture	15,600-39,100 25810	21.08.2006	Temporary	General
6	Subject Matter Specialist	Dr. Roshni Bala Nayak	Scientist	Animal Science	15,600-39,100 23610	07.07.2015	Temporary	General
7	Subject Matter Specialist	Vacant						
8	Programme Assistant	Jashobanta Sahoo	PA	Fishery	9300-34,800 19300	23.03.2006	Temporary	General
9	Computer Programmer	Gangadhar Moharana	PA	Computer	9300-34,800 19300	15.02.2006	Temporary	General
10	Farm Manager	Manoj Kumar Pradhan	Farm Manager	Seed Technology	9300-34,800 19300	04.10.2006	Temporary	General
11	Accountant / Superintendent	Vacant						
12	Stenographer	Gyana Ranjan Das	Jr. Steno-cum-Computer Operator		5,200-20,200 10890	08.01.2007	Temporary	General
13.	Driver	Nilamadhaba Sahoo	Driver-cum-Mechanic	-	5,200-20,200 9870	25.07.2007	Temporary	General
14.	Driver	Khetrabasi Mohanty,	Driver-cum-Mechanic	-	5,200-20,200 9870	23.07.2008	Temporary	General
15.	Supporting staff	Kumar Beja	Peon-cum-Watchman	-	4750-14680 8460	26.12.2007	Temporary	General
16.	Supporting staff	Ahalya Baral	Peon-cum-Watchman	-	4750-14680 7970	25.07.2008	Temporary	General

1.6. Total land with KVK (in ha) :

S. No.	Item	Area (ha)
1	Under Buildings	0.4
2.	Under Demonstration Units	0.6
3.	Under Crops	6
4.	Orchard/Agro-forestry	6
5.	Others with details	
6.	Farm tank	5
7.	Barrain land	2
	Total	20

Total area should be matched with breakup

1.7. Infrastructure Development:

A) Buildings and others

S. No.	Name of infrastructure	Not yet started	Completed up to plinth level	Completed up to lintel level	Completed up to roof level	Totally completed	Plinth area (sq.m)	Under use or not*	Source of funding
1.	Administrative Building	Not yet started							
2.	Farmers Hostel					Totally completed	280	Under use	RRTTS building handed over to KVK and renovated under RKVY
3.	Staff Quarters (6)					Totally completed	390	Under use	ICAR
4.	Piggery unit	Not yet started							
5	Fencing					Totally completed	8790 running feet	Under use	RKVY
6	Rain Water harvesting structure	Not yet started							
7	Threshing floor	Not yet started							
8	Farm godown					Totally completed	30	Under	RRTTS godown handed over to KVK

								use	
9.	Dairy unit	Not yet started							
10.	Poultry unit					Totally completed	36	Under use	RRTTS unit handed over to KVK
11.	Goatary unit	Not yet started							
12.	Mushroom Lab	Not yet started							
13.	Mushroom production unit					Totally completed	78	Under use	ICAR
14.	Shade house					Totally completed	110	Under use	ICAR
15.	Soil test Lab					Totally completed		Under use	Equipments – ICAR, Building – RRTTS
16	Training Hall					Totally completed	95	Under use	RKVY
17	Duckery unit					Totally completed	10	Under use	RKVY
18	Vermi compost unit (2 nos)					Totally completed	23 78	Under use	RKVY- 1 ICAR -1

* If not in use then since when and reason for non-use

B) Vehicles

Type of vehicle	Year of purchase	Cost (Rs.)	Total km. Run	Present status
Bolero	2016-17	7,04,162	64670	Good condition

C) Equipment & AV aids

Name of equipment	Year of purchase	Cost (Rs.)	Present status	Source of fund
a. Lab equipment				

Digital Refractometer	2017-18	14,950	Good condition	ICAR
Drying cabinet	2017-18	19,897	Good condition	ICAR
Crown cap sealing machine	2017-18	2,950	Good condition	ICAR
Vacuum sealing machine	2017-18	1,980	Good condition	ICAR
Stainless steel knife, strainer, decanter, measuring cup set, glass jar etc.	2017-18	1,950	Good condition	ICAR
Food processor	2017-18	4,950	Good condition	ICAR
Wet grinder	2017-18	12,800	Good condition	ICAR
Mridaparikshak – 2 nos.	2016-17	1,80,600	Good condition	ICAR
Thermo hygrometer	2016-17	1800	Good condition	ICAR
Hand refractometer	2016-17	4850	Good condition	ICAR
Electronic automatic kelplus microprocessor based twenty place macro block digestion system	2004-05	121470	Good condition	ICAR
Electronic acid neutralizer scrubber	2004-05	51470	Good condition	ICAR
Electronic kelplus micro processor based automatic nitrogen distillation system	2004-05	156530	Good condition	ICAR
Electronic titration system for kelplus system	2004-05	52000	Good condition	ICAR
Flame photometer	2004-05	35200	Not functioning	ICAR
Spectrophotometer	2004-05	30100	Good condition	ICAR
Servo Stabilizers	2004-05	13500	Not functioning	ICAR
Hot plate	2004-05	2520	Good condition	ICAR
Micro processor based pH meter	2004-05	10200	Not functioning	ICAR
Onductivity meter	2004-05	10200	Good condition	ICAR
Refrigerator	2004-05	9200	Not functioning	ICAR
Ele. Top Pan Balance	2004-05	95000	Good condition	ICAR
Physical Balance	2004-05	4500	Not functioning	ICAR
Soil Augur	2004-05	2850	Good condition	ICAR
Bouyoucos Hydrometer	2004-05	6500	Good condition	ICAR
Mechanical Stirrer	2004-05	8200	Good condition	ICAR
Colony Counter	2004-05	4500	Good condition	ICAR
Plant Sample Grinder / Laboratory Mill	2004-05	8000	Good condition	ICAR
Hot Water Bath	2004-05	4000	Good condition	ICAR
Horizontal Shaker	2004-05	11000	Good condition	ICAR
Distilled Water Unit	2004-05	7200	Good condition	ICAR
Hot Air Oven	2004-05	10500	Good condition	ICAR
Laboratory Centrifuge	2004-05	9000	Good condition	ICAR
Sieves	2004-05	1123	Good condition	ICAR
Soil Augur / Sampling Tube (Screw/tube)	2004-05	1700	Good condition	ICAR
Soil Thermometer	2004-05	2712	Good condition	ICAR

Olympus (Microscope) Model ML-14	2004-05	17900	Good condition	ICAR
Olympus (Microscope) Model MS-13	2004-05	26890	Good condition	ICAR
Bod Incubator	2004-05	42000	Not functioning	ICAR
b. Farm machinery				
Tractor operated 9 row seed cum fertilizer drill	2016-17	55,000	Good condition	ICAR
Power weeder	2016-17	42,313	Good condition	ICAR
Tractor operated Rotavator	2016-17	96,900	To be repaired	ICAR
Tractor & accessories	2003-04	2,95,251	Good condition	ICAR
Trailer	2003-04	55,000	Bad condition	ICAR
11 tyne cultivator	2003-04	10,800	Bad condition	ICAR
Cage wheel	2003-04	6,500	Bad condition	ICAR
Terracer blade	2003-04	18,000	Good condition	ICAR
M.B. Plough	2003-04	21,000	Good condition	ICAR
3 bottom ridger	2003-04	10,149	Good condition	ICAR
HD Leveller	2003-04	9,500	Good condition	ICAR
c.AV Aids				
Pico Projector	2016-17	17,467	Good condition	ICAR
Digital camera	2015-16	17,800	Good condition	ICAR
LCD Projector (BENQ)	2015-16	55,620	Good condition	ICAR
Television set	2012-13	8,000	Good condition	ICAR
Digital camera (NIKON)	2009-10	15,000	Good condition	ICAR
LCD Projector (Epson)	2006-07	84,710	Good condition	ICAR
Digital camera (NIKON)	2005-06	13,600	Good condition	ICAR
Desktop Computer	2016-17	35,000	Good condition	ICAR
Laptop computer	2015-16	43,790	Good condition	ICAR
Laser Printer (RICCO)	2015-16	6,210	Good condition	ICAR
Laser Printer (HP)	2013-14	12,600	Good condition	ICAR
Digital copier with printer	2010-11	46,385	Good condition	ICAR
Desktop Computer	2009-10	29,700	Good condition	ICAR
Laptop computer	2006-07	48,600	Good condition	ICAR
Desktop Computer	2005-06	37,500	Good condition	ICAR

D) Farm implements

Name of equipment	Year of purchase	Cost (Rs.)	Present status	Source of fund
Tractor operated 9 row seed cum fertilizer drill	2016-17	55,000	Good condition	ICAR
Power weeder	2016-17	42,313	Good condition	ICAR
Tractor operated Rotavator	2016-17	96,900	To be repaired	ICAR
Tractor & accessories	2003-04	2,95,251	Good condition	ICAR

Trailer	2003-04	55,000	Bad condition	ICAR
11 tyne cultivator	2003-04	10,800	Bad condition	ICAR
Cage wheel	2003-04	6,500	Bad condition	ICAR
Terracer blade	2003-04	18,000	Good condition	ICAR
M.B. Plough	2003-04	21,000	Good condition	ICAR
3 bottom ridger	2003-04	10,149	Good condition	ICAR
HD Leveller	2003-04	9,500	Good condition	ICAR

1.8. Details of SAC meeting* conducted in the year

Sl. No.	Date	Number of Participants	Salient Recommendations	Action taken	If not conducted, state reason
1.	18.02.2021	35			

** Salient recommendation of SAC in bullet form*
Attach a copy of SAC proceedings along with list of participants (attached file)

2.a. District level data on agriculture, livestock and farming situation (2018-19)

<table>
<tr><th>SN.</th><th>Item</th><th>Information</th></tr>
<tr><td>1</td><td>Major Farming system/enterprise</td><td>Paddy-Groundnut, Paddy-Sesamum, Paddy-Greengram/Blackgram, Groundnut-Groundnut, Paddy-Vegetable /Mushroom and Poultry</td></tr>
<tr><td>2</td><td>Agro-climatic Zone</td><td>Mid Central Table Land</td></tr>
<tr><td>3</td><td>Agro ecological situation</td><td>6 AES 1- RIVER VALLY ALLUVIUM AES 2 - LIGHT TEXTURED LATERITE AES 3 - RED LOAM SOIL AES 4 - MEDIUM TEXTURED SANDY LOAM AES 5 - BLACK SOIL AES 6 - CLAY & HEAVY CLAY SOIL</td></tr>
<tr><td>4</td><td>Soil type</td><td>Red lateritic, sandy loam, alluvial</td></tr>
<tr><td>5</td><td>Productivity of major 2-3 crops under cereals, pulses, oilseeds, vegetables, fruits and others</td><td>
<table>
<tr><td>Vegetables</td><td>Fruits</td><td>Cereals</td><td>Pulses</td><td>Oilseeds</td></tr>
<tr><td>Brinjal-16.9 q/ha</td><td>Mango-5.81q/ha</td><td>Rice-</td><td>Pigeonpea-</td><td>Groundnut-</td></tr>
<tr><td>Tomato-14.26 q/ha</td><td>Cashew-0.812 q/ha</td><td></td><td>Blackgram-</td><td>Sesame-</td></tr>
<tr><td>Cauliflower-15.24 q/ha</td><td>Watermelon-18.85q/ha</td><td></td><td></td><td></td></tr>
</table>
</td></tr>
<tr><td>6</td><td>Mean yearly temperature, rainfall, humidity of the district</td><td>Rainfall-767mm,Temperature:Max-(33.45^{0}C)-Min-(21.79^{0}C)</td></tr>
<tr><td>7</td><td>Production of major livestock products like milk, egg, meat etc.</td><td>Milk-69.42TMT,Egg-64.42Million,Meat-2138.22MT</td></tr>
</table>

Note: Please give recent data only

2.b. Details of operational area / villages (2019-20)

Sl. No.	Name of Taluk	Name of the block	Name of the villages	Major crops & enterprises	Major problems identified (crop-wise)	Identified Thrust Areas
1	Dhenkanal	Sadar	Lambodarpur, Siaria,Tarava, Motori, Majhisahi,Nachipura,Arada, Bhaliabolakateni, kankadapal, Paikadahikar, Talabarkote,	Paddy, Mushroom,	Lack of availability of bundle straw	
2	Dhenkanal	Odapada	Paneilo,Mahadia Gobindaprasad, Tamanda, Kandabindha,Kalanga, Kamalang, Indipur, Sariapada	Paddy,Goatery	Lack of green fodder and Pasture land	
3	Dhenkanal	Kamakhyanagar	Jaka, Sogar,Jamujhara	Paddy, Blackgram, Greengram, Groundnut		
4	Dhenkanal	Gondia	Nabalinga, Dandeibereni,	Vegetables		
5	Dhenkanal	Bhuban	Bhuban	Paddy, Groudnut, buffalo		
6	Dhenkanal	Parjang	Patharkhumba,	Paddy, Mushroom		
7	Dhenkanal	Kankadahad	Brahmania, Sahala, Kalashpur, Pakatmunda	Paddy, NTFP, Goatery		
8	Dhenkanal	Hindol	Babandha, Kukupangi, Baghadharia, Jharbeda	Paddy, NTFP, Fish		

2. c. Details of village adoption programme:

Name of the villages adopted by PC and SMS (209-20) for its development and action plan

Name of village	Block	Action taken for development
Bhejiboluo	Gondia	OFT, FLD, Training and Biotech Kisan
Khairabahali	Hindol	OFT, FLD, Training and Biotech Kisan
Badrapali	Sadar	OFT, FLD, Training and Biotech Kisan

Parbatia	Sadar	Cluster Borewell for irrigation, Demostration of Quail,Chabro chicks and mushroom for income generation.OFT on 3-row manual rice transplanter, FLD on management of mushroom beds during summer season, FLD on dual purpose backyard poultry and quail,Distribution of Bina, Sahabhagidhan,DRR-42 and DRR-44 rice varieties under STRV trial, DIstibution of Eucalyptus seedings, Mango split preparation by pit method
Kanapala	Kamakhyanagar	FLD on dual purpose backyard poultry,Khaki Campbell ducks and quail and trainings
Balikiari	Hindol	FLD on nutrition garden for nutrition security of the family, backyard poultry, vegetable cultivation, plant protection measure and training
Brajabihari pur	Odapada	Training, FLD on enterprisers
Gurujangulei	Kankadahad	Training, CFLD, FLD

Achievements on technologies assessed and refined

OFT-1

1.	Title of On farm Trial	Assessment of drumstick varieties for higher yield in drumstick
2.	Problem diagnosed	Low yield of local varieties
3.	Details of technologies selected for assessment/refinement	Bhagya: Plant Height 2.5 to 3.0 m, Flowering 130 to 140 days, Pod length 65 to 70 Cm, Average no. of seeds /pod 18.8. Pod weight 154.75 g, Yield 300 to 350 pods /year (I year), 800 to 1000 pods /year (Subsequent years), Yield- 42-50 t/ha, Leaves and Pod Rich in Vitamin C, iron
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	UHS, Bagalkot Variety developed from UHS, Bagalkot
5.	Production system and thematic area	Vegetable-Vegetable
6.	Performance of the Technology with performance indicators	Cost of intervention. Additional income over additional investment Yield (q/ha), B:C ratio
7.	Final recommendation for micro level situation	It is recommended for cultivation in irrigated upland condition during kharif with an increase in yield of 40% over local variety
8.	Constraints identified and feedback for research	Constraint unavailability of seed
9.	Process of farmers participation and their reaction	Farmers participated in the entire production and post production process, farmers are happy with the yield performance

Thematic area: Varietal evaluation

Problem definition: Low yield of local varieties

Technology assessed: Assessment of drumstick varieties for higher yield in drumstick

Table:

Technology option	No. of trials	Yield component			Yield (q/ha)	Cost of cultivation (Rs./ha)	Gross return (Rs/ha)	Net return (Rs./ha)	BC ratio
		Flowering	Pod weight	Pod length					
FP	13	240 to 265 days	65 g	50 to 60 Cm	200	46000	118600	72600	2.57
TO_1	13	180 to 200 days	100 g	50 to 55 Cm	297	51200	141400	90200	2.76
TO_2	13	130 to 140 days	154.75 g	65 to 70 Cm	321	56000	160500	104500	2.86

Result **Bhagya variety has better production potential than farmers practice**

OFT-2

1.	Title of On farm Trial	Assessment of marigold variety Bidhan marigold 2 for higher yield
2.	Problem diagnosed	Low yield of local varieties and small flower size
3.	Details of technologies selected for assessment/refinement	Number of flowers per plant (128flowers/plant). The flowers are attractive, orange in colour, compact and found suitable for making garland, Flower dia- 4. Cm, Yield- 285 kg/plant
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	AICRP on Floriculture, 2016-17 recc. [Dev by-BCKV, WB
5.	Production system and thematic area	Rice vegetable production system and Export potential of ornamental crop
6.	Performance of the Technology with performance indicators	Flower diameter, No. of flowers per plant, flower yield (q/ha)

7.	Final recommendation for micro level situation	It is recommended for cultivation in irrigated upland condition during rabi with an increase in yield of 30% over local varity
8.	Constraints identified and feedback for research	Constraint unavailability of planting material
9.	Process of farmers participation and their reaction	Farmers participated in the entire production and post production process, self life of the flower is more

Thematic area: Export potential of ornamental crop

Problem definition: Low yield of local varieties and small flower size

Technology assessed:

Table:

Technology option	No. of trials	Yield component			Disease/ insect pest incidence (%)	Yield (q/ha)	Cost of cultivation (Rs./ha)	Gross return (Rs/ha)	Net return (Rs./ha)	BC ratio
		No. of effective tillers/hill	No. of spikelet per panicle	Test wt. (100 grain wt.)						
FP	13	98	6.5	654g	75	150000	300000	150000	2.0	
TO_1	13	105	6.9	1.0 kg	78	120500	313300	192800	2.6	
TO_2	13	120	7.1	1.6 kg	92	127500	369750	242250	2.9	

Results:

OFT-3

1.	Title of On farm Trial	Assessment of chemicals for management of white grub in groundnut
2.	Problem diagnosed	Low yield due to high infestation of white grub.
3.	Details of technologies selected for assessment/refinement	Assessment

4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	Institute of Pesticide Formulation Technology,Haryana,2015 ICAR-DGR,Junagarh, 2016-17
5.	Production system and thematic area	Groundnut - fallow production system, IPM
6.	Performance of the Technology with performance indicators	Cost of intervention. Additional income over additional investment , Yield (q/ha), B:C ratio, Plant mortality (%)
7.	Final recommendation for micro level situation	Seed furrow application of thiomethoxam or fipronil @ 2lit / ha, seed treatment with imidachloprid @2ml/ kg seeds and drenching the root zone of crop with quinalphos @3lit / ha gives better results
8.	Constraints identified and feedback for research	
9.	Process of farmers participation and their reaction	Active participation and happy with the performance of the insecticide applied with better result.

Thematic area: IPM

Problem definition: Low yield due to high infestation of white grub.
Technology assessed: Assessment of chemicals for management of white grub in groundnut

Table:

Results:

Technology option	No. of trials	Yield component			Plant mortality (%)	Yield (q/ha)	Cost of cultivation (Rs./ha)	Gross return (Rs/ha)	Net return (Rs./ha)	BC ratio
		No. of effective tillers/hill	No. of spikelet per panicle	Test wt. (100 grain wt.)						
FP: Spraying of profenophos @ 2m/lt of water.	5	-	-	-	8	12.3	42900	64500	18600	1.43
TO_1: Soil application of imidachloprid 0.3 G@ 40 kg/ ha at the time of sowing of groundnut crop	5	-	-	-	4.2	14.5	44000	72500	28500	1.64
TO_2: Deep summer ploughing , seed furrow application of thiomethoxam 25 % WS@ 1.9 litres/ ha or fipronil 5 % SC @ 2 litres/ ha ,seed treatment with	5	-	-	-	2.6	15.4	44600	77000	32400	1.72

imidachloprid 17.8 % SL @ 2 ml/ kg seeds and drench the root zone of crop with quinalphos 25%EC @3.2 litres/ha three weeks after adult emergence.										

OFT- 4

1.	Title of On farm Trial	Assessment of integrated management practices of Neck blast in Rice
2.	Problem diagnosed	Low yield of Rice due to high incidence of neck blast
3.	Details of technologies selected for assessment/refinement	Assessment
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	TNAU,Coimbotore,2016 Nepal Agriculture Research Council,2017
5.	Production system and thematic area	Rice production system, IDM
6.	Performance of the Technology with performance indicators	Cost of intervention. Additional income over additional investment , % disease incidence, (Yield (q/ha), B:C ratio,
7.	Final recommendation for micro level situation	Avoid dry nursery, late planting, burning of straw, stubbles, remove weeds from the bunds and apply N in three splits. Seed treatment with tricyclazole 75 WP @ 2gm/kg seeds, alternate spraying of Metominostrobin 20 SC and Azoxystrobin 20 SC @ 1ml/litre at10 days interval starting from booting stage.
8.	Constraints identified and feedback for research	Unavailibility of new generation insecticide .
9.	Process of farmers participation and their reaction	Active participation and good performance of the insecticide applied with better result.

Thematic area: IDM

Problem definition: Low yield of Rice due to high incidence of neck blast

Technology assessed: Assessment of integrated management practices of Neck blast in Rice

Table:

Results:

Technology option	No. of trials	Yield component			Disease incidence (%)	Yield (q/ha)	Cost of cultivation (Rs./ha)	Gross return (Rs/ha)	Net return (Rs./ha)	BC ratio
		No. of effective tillers/hill	No. of spikelet per panicle	Test wt. (100 grain wt.)						
FP: Spraying of tricyclazole @ 2ml/;itre of water after the incidence of disease	5	-	-	-	12.4	42.54	38300	72318	34018	1.88
TO_1: Avoid dry nursery, late planting, burning of straw, stubbles, remove weeds from the bunds and apply N in three splits. Seed treatment with tricyclazole 75 WP @ 2gm/kg seeds, spraying of tricyclazole 22%+hexaconazole 3% SC@ 2ml/litre thrice at weekly interval starting from booting stage	5	-	-	-	3.2	49.24	41400	83708	42308	2.02
. TO_2: Avoid dry nursery, late planting, burning of straw, stubbles, remove weeds from the bunds and apply N in three splits. Seed treatment with tricyclazole 75 WP @ 2gm/kg seeds, alternate spraying of Metominostrobin 20 SC and Azoxystrobin 20 SC @ 1ml/litre at10 days interval starting from booting stage	5	-	-	-	2.8	52.0	42200	88400	46200	2.09

OFT-5

1.	Title of On farm Trial	Assessment of packaging practices of *V. volvacea*
2.	Problem diagnosed	Distress Sale and low income due to poor shelf life
3.	Details of technologies selected for assessment/refinement	Assessment - Fresh Mushroom buds treated with potassium meta bisulphite (KMS 0.1% and o.1% citric acid,) for 10 minutes and allowed to air dry on muslin cloth for 30 min and then packed in paper Bags punched with 10 holes (0.5 cm diameter) stored at room temperature
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	PAU, 2010
5.	Production system and thematic area	Homestead and Value addition
6.	Performance of the Technology with performance indicators	Additional income, Cost of input, Net profit, and B:C ratio
7.	Final recommendation for micro level situation	Cost of the paper bag should be reduced
8.	Constraints identified and feedback for research	Paper bags are not locally available and more research should be done to increase the shelf life of PSM inside paper bag during storage
9.	Process of farmers participation and their reaction	Farmers were first imparted training and involved in conducting the trial. They were happy with the performance

Thematic area: Value addition

Problem definition: Distress Sale and low income due to poor shelf life

Technology assessed: Assessment of packaging practices of *V. volvacea*

Table:

Technology option	No. of trials	Sensory Evaluation			Output (kg/bed)	Weight Loss(g)	Shelf life(hr)	Cost of cultivation (Rs./bed)	Gross return (Rs/bed)	Net return (Rs.)	BC ratio
		Overall acceptability(0-9 point headonic scale)	Colour	Texture							
FP	7	5	Brown	Delicate	1	100(10 %)	6	70	140	70	2
TO-1	7	7	Pale brown	Spongy	1	40(4%)	12	75	160	85	2.13
TO-2	7	8	Grey	Spongy	1	70(7%)	24	85	200	115	2.35

OFT-6

1.	Title of On farm Trial	Assessment of value added products of tomato for income generation
2.	Problem diagnosed	1.Distress sale of tomato 2.Non availability of storage unit
3.	Details of technologies selected for assessment/refinement	Tomatoes dried in cabinet drier @80^{0}C for 10hours (Tomato powder-5.0g+Onion-0.5g+Corn flour-2 g+Cumin powder-0.5g+pepper-0.3g+salt-1.5g). Shelf life-6 months. Preparation of tomato powder in solar dryer by slicing of tomato in 5mm thickness, dehydrating in dehydrator for 7-8 hours, grinding and packaging, enhanced self life period upto 6-8 months
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	PHT, Centre, TNAU, 2015
5.	Production system and thematic area	Homestead and value addition
6.	Performance of the Technology with performance indicators	Incremental income (Rs), Cost of preparation(Rs),Net income (Rs), BC ratio
7.	Final recommendation for micro level situation	Tomato powder is suitable for making soup powder
8.	Constraints identified and feedback for research	Solar cabinet dryer is not portable for farm women and as the process is tidious so research should be made to make powder from pulp

9.	Process of farmers participation and their reaction	Farmers were first imparted training and involved in conducting the trial. They were happy with the performance

*Thematic area:V*alue addition

Problem definition: 1.Distress sale of tomato

2.Non availability of storage unit

Technology assessed: Assessment of value added products of tomato for income generation

Table:

Technology option	No. of trials	Yield component		Cost of preparation (Rs/5 kg)	Gross return (Rs)	Net return (Rs)	BC ratio
		Shelf life (days)	Sensory evaluation				
FP	7	3	-	50	75	25	1.02
TO_1	7	Continuing	6	138	360	222	2.6
TO_2	7	Continuing	7	178	800	622	4.5

OFT-7

1.	Title of On farm Trial	Comparative assessment of poultry breeds in semi intensive backyard system
2.	Problem diagnosed	Poor production and income from local non descript desi type chicken
3.	Details of technologies selected for assessment/refinement	Kaveri birds body weight at 20 weeks 1900 gms, average annual egg production 140
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	CPDO, Bhubaneswar
5.	Production system and thematic area	Homestead and poultry management
6.	Performance of the Technology with performance indicators	Cost of intervention, additional income over additional investment(Rs/unit),Net Return, B:C ratio

7.	Final recommendation for micro level situation	Chicks require proper space and light in order to avoid pecking and for attaining proper growth and marketable weight
8.	Constraints identified and feedback for research	Although Aseel has good market value due to its more resemblance with desi chicken but mortality is seen due to vice i.e vent pecking/cannabalism
9.	Process of farmers participation and their reaction	Farmers actively participated and they got convinced to raise breeds in backyard condition

Thematic area: Poultry management

Problem definition: Poor production and income from local non descript desi type chicken

Technology assessed: Comparative assessment of poultry breeds in semi intensive backyard system

Table:

Technology option	No. of trials	Yield component			Yield(Body weight at 6 months) in kg	Cost of cultivation (Rs./unit of 20 birds)	Gross return (Rs./unit of 20 birds)	Net return (Rs./unit of 20 birds)	BC ratio
		Mortality %	% change	No of eggs /bird/yr					
FP	7	40	-	50	1.1	1800	5100	3300	2.83
TO_1		10		120	1.8	3285	16470	13185	5.01
TO_2		10		140	2.3	3245	12735	9490	3.92

OFT-8

1.	Title of On farm Trial	Assessment of different teat dips for prevention of mastitis in dairy animals
2.	Problem diagnosed	Increase incidence of mastitis due to various unhygienic practices during milking
3.	Details of technologies selected for assessment/refinement	Assessment
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	Annual report NDRI,2015
5.	Production system and thematic area	Dairy production and disease management

6.	Performance of the Technology with performance indicators	Milk production/day, increase in milk production(%),decrease in incidence of clinical mastitis(%)
7.	Final recommendation for micro level situation	
8.	Constraints identified and feedback for research	
9.	Process of farmers participation and their reaction	

*Thematic area: D*isease management

Problem definition: Increase incidence of mastitis due to various unhygienic practices during milking

Technology assessed: Assessment of different teat dips for prevention of mastitis in dairy animals

Table:

Technology option	No. of trials	Yield component			Cost of cultivation (Rs.)	Gross return (Rs.)	Net return (Rs.)	BC ratio
		Milk production/ day	increase in milk production(%),	decrease in incidence of clinical mastitis(%)				
FP	7	Continuing						
TO_1								
TO_2								

OFT-9

1.	Title of On farm Trial	Assessment of raising of carp fry to stunted fingerlings in seasonal farm pond
2.	Problem diagnosed	Low income from production of table size fishes from seasonal farm pond
3.	Details of technologies selected for assessment/refinement	TO_1 : Stocking of mixed carp fry @3Lakh/ha and reared for 5 month TO_2 : Stocking of mixed carp fry @2Lakh/ha and reared for 5month
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	CIFA-2002
5.	Production system and thematic area	Fish production and IMC
6.	Performance of the Technology with performance indicators	B :C ratio
7.	Final recommendation for micro level situation	
8.	Constraints identified and feedback for research	
9.	Process of farmers participation and their reaction	

Thematic area: IMC

Problem definition: Poor production and income from local non descript desi type chicken

Technology assessed: Comparative assessment of poultry breeds in semi intensive backyard system

Table:

Technology option	No. of trials	Yield component			Yield(Body weight at 6 months) in kg	Cost of cultivation (Rs./unit of 20 birds)	Gross return (Rs./unit of 20 birds)	Net return (Rs./unit of 20 birds)	BC ratio
		Mortality %	% change	No of eggs /bird/yr					
FP	Cont…								
TO_1									
TO_2									

3.2 Achievements of Frontline Demonstrations

A. Details of FLDs conducted during the year

Cereals

Sl. No.	Crop	Thematic area	Technology Demonstrated with detailed treatments	Area (ha)		No. of farmers/ demonstration									Reasons for shortfall in achievement
				Proposed	Actual	SC		ST		Others		Total			
						M	F	M	F	M	F	M	F	T	
1.	**Rice**	**IDM**	Spraying of (Trifloxystrobin 25%+Tebuconazole 50%) 75 WG twice after 30 & 60 DAT	**1**	**1**	**0**	**0**	**2**	**0**	**8**	**0**	**10**	**0**	**10**	

Details of farming situation

Crop	Season	Farming situation (RF/Irrigated)	Soil type	Status of soil (Kg/ha)			Previous crop	Sowing date	Harvest date	Seasonal rainfall (mm)	No. of rainy days
				N	P_2O_5	K_2O					
Rice	Kharif 2020	Rainfed medium land	Red sandy loam	262	11.2	168	Fallow	15.07.20	10.12.20		

In both the Tables, information of same crop should be provided. For example, if in Table 3.2A crops are mentioned as a,b,c,d etc., in the table for Details of farming situation, the same crop should be mentioned in the identical sequence.

Performance of FLD

Oilseeds:

Frontline demonstrations on oilseed crops

Crop	Thematic Area	Name of the technology demonstrated	No. of Farmers	Area (ha)	Yield (q/ha)		% Increase	*Economics of demonstration (Rs./ha)				*Economics of check (Rs./ha)			
					Demo	Check		Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR

Total															

* Economics to be worked out based on total cost of production per unit area and not on critical inputs alone.
** BCR= GROSS RETURN/GROSS COST

Pulses

Frontline demonstration on pulse crops

Crop	Thematic Area	Name of the technology demonstrated	No. of Farmers	Area (ha)	Yield (q/ha)		% Increase	*Economics of demonstration (Rs./ha)				*Economics of check (Rs./ha)			
					Demo	Check		Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR
	Total														

* Economics to be worked out based on total cost of production per unit area and not on critical inputs alone.
** BCR= GROSS RETURN/GROSS COST

Other crops

Crop	Thematic area	Name of the technology	No. of	Area	Yield (q/ha)	% change in	Other parameters	*Economics of demonstration (Rs./ha)	*Economics of check (Rs./ha)

		demonstrated	Farmer	(ha)	Demonstration	Check	yield	Demo	Check	Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR
Mango	Export potential of fruit	Demonstration of hot water treatment on ripening quality and storage life of mango	5	2.0	15 days Self life	5 days Self life	200			20000	52000	32000	2.6	18000	40000	22000	2.2
Tomato	Varietal evaluation	Demonstration of triple resistant (early blight, bacterial wilt, leaf curl virus) tomato var. Arka Rakshak	5	0.4	478.2	280.9	70.23			61000	195200	134200	3.2	48000	124800	76800	2.6
Chilli	Varietal evaluation	Demonstration of different Chilli varieties for higher yield	5	0.4	290.2	217.9				46000	132480	86480	2.88	39000	96330	135330	2.47
Banana	INM	Demonstration of bunch feeding technology to increase bunch weight and finger size in banana	5	0.4	Cont....												

Brinjal	IPMl	Management of fruit and shoot borer combination with botanicals, mechanical, and chemical measures	10	1	318.3	260.4	22.23	% shoot damage 4.75 and % fruit damage 6.70	% shoot damage 15.90 and % fruit damage 28.65	92200	159150	66950	1.72	77700	130200	52500	1.67
Tomato	IPM	Removal of alternate host,growing of seedlings in protected condition, pruning of affected leaves from the beginning,placing of plastic trays@10-12/ha at the base of the plant for monitoring and alternate spraying of Abamectin @1.4ml/lt & Cryomazine 50WP @ 2gm/ltr at 10 days interval	10	1	376	305	23.27	% leaf infestation 4.4	% leaf infestation - 18.9	72500	451200	378700	6.22	65200	366000	300800	5.61

Cashew	IPM	Management of Tea Mosquito Bug with chemical measures	10	1	20.8	14.0	48.57	% twig damage by TMB - 4	% twig damage by TMB - 12	47600	147840	100240	3.10	43300	112000	68700	2.58
Date palm	Value addition	Production of molasses from plam sap	5		20 molasses		100% (unutilized crop)	200 lit ha/ day		190000	240000	50000	1.26				
Total																	

Livestock

Category	Thematic area	Name of the technology demonstrated	No. of Farmer	No. of units	Major parameters		% change in major parameter	Other parameter		*Economics of demonstration (Rs.)				*Economics of check (Rs.)			
					Demonstration	Check		Demonstration	Check	Gross Cost	Gross Return	Net Return	**BCR	Gross Cost	Gross Return	Net Return	**BCR
Dairy	Feed management	Demonstration on low cost silage making for feeding cows during lean period.	10	2	Avg. milk yield /cow/ day - 7.4lt	6.2 lt	19.35			Rs 55/animal/day	Rs 296/animal/day	Rs 241/animal/day	5.38	Rs 50/animal/day	Rs 217/animal/day	Rs 167/animal/day	5.38
Dairy	Feed management	Demonstration on probiotic supplementation in cross bred cattle and its effect on milk yield	10	10	Avg. milk yield /cow/ day – 11.6 lt	10.5 lt	10.47			Rs 95	Rs 522	Rs 427	5.49	Rs90	Rs 473	Rs 383	5.25

Poultry	Poultry management	Demonstration on artificial brooding management in chicks	10	1	Chick mortality-7	38	31	Live brooded chicks- 93	62	Rs/100 birds-3230	Rs/100 birds-6045	Rs/100 birds-2815	1.87	Rs/100 birds-2600	Rs/100 birds-4030	Rs/100 birds-1430	1.55
Poultry	Poultry management	Demonstration on introduction of low input poultry breed Kadaknath in backyard	10	200 nos	Chick mortality-5	50	45	Egg production/ year=120	Egg production/ year=50	Rs 3325	Rs14000	Rs10675	4.21	Rs 1800	Rs3750	Rs 1950	2.08
Pigerry																	
Sheep and goat																	
Duckery																	
Others (pl.specify)																	
Total																	

* Economics to be worked out based on total cost of production per unit area and not on critical inputs alone.
** BCR= GROSS RETURN/GROSS COST

Fisheries

Category	Thematic area	Name of the technology demonstrated	No. of Farmer	No. of units	Major parameters		% change in major parameter	Other parameter		*Economics of demonstration (Rs.)				*Economics of check (Rs.)			
					Demonstration	Check		Demonstration	Check	Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR
Common carps	IMC	Demonstration on jayanti rohu	4	4	Cont.												
Mussels																	
Ornamental fishes																	
Others (pl.specify)																	
Total																	

* Economics to be worked out based on total cost of production per unit area and not on critical inputs alone.

** BCR= GROSS RETURN/GROSS COST

Other enterprises

Category	Name of the technology demonstrated	No. of Farmer	No. of units	Major parameters		% change in major parameter	Other parameter		*Economics of demonstration (Rs.) or Rs./unit				*Economics of check (Rs.) or Rs./unit			
				Demonstration	Check		Demonstration	Check	Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR
Paddy straw mushroom	Demonstration of crumpled paddy straw for mushroom cultivation as an alternative substrate	10	200	Production /unit (8 kg from10 beds)	Production /unit (10 kg from10 beds)	20(-)	Amt of straw used(kg)=100 Biological Efficiency(%)= 10	Amt of straw used(kg)=50 Biological Efficiency(%)= 16	800	1800	1000	2.25	600	1440	840	2.4
Grain pro super bag	Demonstration on use of grain pro super bags for storage of greengram	10	50	Insect infestation (%) 2.2%	Insect infestation (%) 17.5%	10.8	Germination (%) 82%	Germination (%) 74%	5200	6800	1600	1.3	5040	5750	710	1.14

Akola mini dal mill	Demonstration of Akola mini dal mill for processing of pigeon pea for income generation of farm women	10	1	Field capacity (kg/day) – 4q	Field capacity (kg/day) – 14.5kg		Labour (MDs/q)-1	Labour (MDs/q)-6.6								
Nutrition garden	Demonstration of nutritional garden for Improving Nutritional Security of farm family	10	10	Consumption of vegetables/day-624gm	416gm		Availability of vegetable/head/day- 284gm	190gm	Rs 3600	Rs 6240	Rs 1160	1.7	Rs 3000	Rs 4160	Rs 2640	1.1
Total																

* Economics to be worked out based on total cost of production per unit area and not on critical inputs alone.
** BCR= GROSS RETURN/GROSS COST

Women empowerment

Category	Name of technology	No. of demonstrations	Observations		Remarks
			Demonstration	Check	
Farm Women					
Pregnant women					
Adolescent Girl					
Other women					
Children					
Neonatal					
Infants					

Farm implements and machinery

Name of the implement	Crop	Name of the technology demonstrated	No. of Farmer	Area (ha)	Filed observation (output/man hour)		% change in major parameter	Labor reduction (man days)	Cost reduction (Rs./ha or Rs./Unit)
					Demonstration	Check			

*** Economics to be worked out based on total cost of production per unit area and not on critical inputs alone.**
**** BCR= GROSS RETURN/GROSS COST**

Demonstration details on crop hybrids

Crop	Name of the Hybrid	No. of farmers	Area (ha)	Yield (kg/ha) / major parameter			Economics (Rs./ha)			
Cereals				Demo	Local check	% change	Gross Cost	Gross Return	Net Return	BCR
Bajra										
Maize										
Paddy										
Sorghum										
Wheat										
Others (Pl. specify)										
Total										
Oilseeds										
Castor										
Mustard										
Safflower										
Sesame										
Sunflower										
Groundnut										
Soybean										
Others (Pl. specify)										
Total										
Pulses										

Greengram										
Blackgram										
Bengalgram										
Redgram										
Others (Pl. specify)										
Total										
Vegetable crops										
Bottle gourd										
Capsicum										
Cucumber										
Tomato										
Brinjal										
Okra										
Onion										
Potato										
Field bean										
Others (Pl. specify)										
Total										
Commercial crops										
Cotton										
Coconut										
Others (Pl. specify)										
Total										
Fodder crops										
Napier (Fodder)										
Maize (Fodder)										
Sorghum (Fodder)										
Others (Pl. specify)										
Total										

Technical Feedback on the demonstrated technologies

Sl. No	Crop	Feed Back
1	Mushroom	The fungus is a white rotter,that means it consumes lignin from the fibre i.e straw.Whether it is bundled /crumpled straw,the lignin quantity remains unchanged. Rather hypha grows well,both intercellularly and intracellularly, in treaded fibre. From economical point of view loose straw is cheaper and is easily available.
2	Date palm	Farmers wanted more capital investment for larger scale production and intervention of the Govt. for organized marketing
3	Vegetable in nutrition garden	The spatial and temporal arrangement of different vegetables viz., solanaceous, tubers, cole crops, cucurbits, greens etc in a judicious manner not only gives different vegetables for human nutrition but also uses light, moisture, nutrient, space of the environment very efficiently so that soil matrix improves its nutritional status
4	Processing of dal in akola dal mill	Far better than the locally made moter pestle / chaki after human labour is consumed for the convection of the dal grain is concerned. Rather the residue so produced is a better feed for domestic animals.
5	Kadaknath meat	The pigment rich place and blood is good for human health also the black colour of fur make the bird very attractive. It is assumed that the bird will maintain its uniqueness so far the colour is concerned.
6	Mango split	20% common salt is able to preserve the flesh quality of mango for more than five years. Also the formation of sodium oxalate / citrate salt gives white attractive colour to splits

Extension and Training activities under FLD

Sl. No.	Activity	Date	No. of activities organized	Number of participants	Remarks
1.	Field days	4.6.20, 17.6.20, 16.7.20, 23.7.20, 6.8.20, 14.8.20, 3.9.20, 9.9.20, 16.9.20, 23.9.20	10	500	
2.	Farmers Training	4.6.20, 17.6.20, 16.7.20, 23.7.20, 6.8.20, 14.8.20, 3.9.20, 9.9.20, 16.9.20, 23.9.20	18	450	
3.	Media coverage		12		
4.	Training for extension functionaries		3	50	

Performance of the demonstration under CFLD on Pulse and Oilseed Crops during Kharif 2020 and Rabi 2020-21:

A. Technical Parameters:

Sl. No.	Crop demonstrated	Existing (Farmer's) variety name	Existing yield (q/ha)	Yield gap (Kg/ha) w.r.to			Name of Variety + Technology demonstrated	Number of farmers	Area in ha	Yield obtained (q/ha)			Yield gap minimized (%)		
				District yield (D)	State yield (S)	Potential yield (P)				Max.	Min.	Av.	D	S	P
1.	Black Gram	Local	Crop is at Pod Maturity Stage												
2.	Groundnut	Devi	Crop is at Pod Maturity Stage												
3.	Sesamum	Local	Crop is at 2-Leaves Stage												

B. Economic parameters

Sl. No.	Variety demonstrated & Technology demonstrated	Farmer's Existing plot				Demonstration plot			
		Gross Cost (Rs/ha)	Gross return (Rs/ha)	Net Return (Rs/ha)	B:C ratio	Gross Cost (Rs/ha)	Gross return (Rs/ha)	Net Return (Rs/ha)	B:C ratio
1.	Improved seeds **(VALLABH),** Seed treatment with carbendazim + mancozeb @2gm/kg seed , Spraying of Imazethapyr for weed management, spraying of neem based pesticides, emamectin benzoate for control of Leaf eating and cutting caterpillars, Spraying of thiomethoxam and installation of Yellow Sticky Traps for sucking pests and releasing of trichogramma sp. for pod borers, Spraying of Carbendazim+ Mancozeb for leaf spot and other fungal diseases and spraying of Profenophos + Cypermethrin for pod borers at maturing stage.								
2.	Improved seeds **(DHARANI)**, Seed treatment with Carbendazim + Mancozeb @2gm/kg seed , Line sowing, Spraying of Imazethapyr for weed								

	management, Spraying of Emamectin Benzoate for Leaf eating caterpillars , Thiomethoxam for sucking pests and Carbendazim+ Mancozeb for leaf spot and other fungal diseases and release of Trichogramma sp. for Spodoptera.								
3.	Improved seeds (**SABITRI**), Seed treatment with Metalaxyl + Mancozeb @2gm/kg seed , Spraying of Profenophos for control of Leaf eating and cutting caterpillars, Spraying of Acetamiprid and installation of Yellow Sticky Traps for sucking pests and releasing of trichogramma sp. for pod borers, Spraying of Metalaxyl + Mancozeb for leaf spot and other fungal diseases.								

C. Socio-economic impact parameters

Sl. No.	Crop and variety Demonstrated	Total Produce Obtained (kg)	Produce sold (Kg/household)	Selling Rate (Rs/Kg)	Produce used for own sowing (Kg)	Produce distributed to other farmers (Kg)	Purpose for which income gained was utilized	Employment Generated (Mandays/house hold)

D. Oilseed Farmers' perception of the intervention demonstrated

Sl. No.	Technologies demonstrated (with name)	Farmers' Perception parameters					
		Suitability to their farming system	Likings (Preference)	Affordability	Any negative effect	Is Technology acceptable to all in the group/village	Suggestions, for change/improvement, if any

E. Specific Characteristics of Technology and Performance

Specific Characteristic	Performance	Performance of Technology vis-a vis Local Check	Farmers Feedback

F. Extension activities under FLD conducted:

Sl. No.	Extension Activities organized	Date and place of activity	Number of farmer attended

G. Sequential good quality photographs (as per crop stages i.e. growth & development)

H. Farmers' training photographs

I. Quality Action Photographs of field visits/field days and technology demonstrated.

J. Details of budget utilization

Crop (provide crop wise information)	Items	Budget Received (Rs.)	Budget Utilization (Rs.)	Balance (Rs.)
BLACKGRAM	i) Critical input	88,800	80,229	
	ii) TA/DA/POL etc. for monitoring		3,000	
	iii) Extension Activities (Field day)		4,125	
	iv)Publication of literature		800	
	Total		**88,154**	**646**

Crop (provide crop wise information)	Items	Budget Received (Rs.)	Budget Utilization (Rs.)	Balance (Rs.)
GROUNDNUT	i) Critical input	3,60,000	3,35,203	
	ii) TA/DA/POL etc. for monitoring		16,000	
	iii) Extension Activities (Field day)		4,500	
	iv)Publication of literature		1,600	
	Total		**3,57,303**	**2.697**

Crop (provide crop wise information)	Items	Budget Received (Rs.)	Budget Utilization (Rs.)	Balance (Rs.)
SESAMUM	i) Critical input	2,00,000	1,78,332	
	ii) TA/DA/POL etc. for monitoring		5,000	
	iii) Extension Activities (Field day)		4,125	
	iv)Publication of literature		10,000	
	Total		**1,97,457**	**2,543**

3.3 Achievements on Training (Including the sponsored and FLD training programmes):

A) Farmers and farm women (on campus)

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
I. Crop Production													
Weed Management													
Resource Conservation Technologies													
Cropping Systems													
Crop Diversification													
Integrated Farming													
Water management													
Seed production													
Nursery management													
Integrated Crop Management													
Fodder production													
Production of organic inputs													
Others, (cultivation of crops)													
II. Horticulture													
a) Vegetable Crops													
Integrated nutrient management	1	0	0	0	0	0	0	15	0	15	15	0	15
Water management													
Enterprise development													
Skill development													
Yield increment													
Production of low volume and high value crops													
Off-season vegetables													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Nursery raising													
Export potential vegetables													
Grading and standardization													
Protective cultivation (Green Houses, Shade Net etc.)													
Others, if any (Cultivation of Vegetable)													
Training and Pruning													
b) Fruits													
Layout and Management of Orchards													
Cultivation of Fruit													
Management of young plants/orchards													
Rejuvenation of old orchards													
Export potential fruits	1	6	0	6	6	11	17	2	0	2	13	12	25
Micro irrigation systems of orchards													
Plant propagation techniques													
Others, if any(INM)													
c) Ornamental Plants													
Nursery Management													
Management of potted plants													
Export potential of ornamental plants													
Propagation techniques of Ornamental Plants													
Others, if any													
d) Plantation crops													
Production and Management technology													
Processing and value addition													
Others, if any													
e) Tuber crops													
Production and Management technology													
Processing and value addition													
Others, if any													
f) Spices													
Production and Management technology													
Processing and value addition													
Others, if any													
g) Medicinal and Aromatic Plants													
Nursery management													
Production and management technology													
Post harvest technology and value addition													
Others, if any													
III. Soil Health and Fertility Management													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Soil fertility management													
Soil and Water Conservation													
Integrated Nutrient Management													
Production and use of organic inputs													
Management of Problematic soils													
Micro nutrient deficiency in crops													
Nutrient Use Efficiency													
Soil and Water Testing													
Others, if any													
IV. Livestock Production and Management													
Dairy Management	1	3	16	19	4	2	6	0	0	0	7	18	25
Poultry Management													
Piggery Management													
Rabbit Management													
Disease Management													
Feed management													
Production of quality animal products													
Others, if any Goat farming													
V. Home Science/Women empowerment													
Household food security by kitchen gardening and nutrition gardening													
Design and development of low/minimum cost diet													
Designing and development for high nutrient efficiency diet													
Minimization of nutrient loss in processing													
Gender mainstreaming through SHGs													
Storage loss minimization techniques													
Enterprise development	1	0	21	21	0	4	4	0	0	0	0	25	25
Value addition													
Income generation activities for empowerment of rural Women													
Location specific drudgery reduction technologies													
Rural Crafts													
Capacity building													
Women and child care													
Others, if any													
VI.Agril. Engineering													
Installation and maintenance of micro irrigation systems													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Use of Plastics in farming practices													
Production of small tools and implements													
Repair and maintenance of farm machinery and implements													
Small scale processing and value addition													
Post Harvest Technology													
Others, if any													
VII. Plant Protection													
Integrated Pest Management	1	6	1	7	6	10	17	2	0	2	14	11	25
Integrated Disease Management													
Bio-control of pests and diseases													
Production of bio control agents and bio pesticides													
Bee Keeping	2	43	4	47	3	0	3	0	0	0	46	4	50
VIII. Fisheries													
Integrated fish farming	1	25	0	25	0	0	0	0	0	0	25	0	25
Carp breeding and hatchery management													
Carp fry and fingerling rearing													
Composite fish culture & fish disease													
Fish feed preparation & its application to fish pond, like nursery, rearing & stocking pond													
Hatchery management and culture of freshwater prawn													
Breeding and culture of ornamental fishes													
Portable plastic carp hatchery													
Pen culture of fish and prawn													
Shrimp farming													
Edible oyster farming													
Pearl culture													
Fish processing and value addition													
Others, if any													
IX. Production of Inputs at site													
Seed Production													
Planting material production													
Bio-agents production													
Bio-pesticides production													
Bio-fertilizer production													
Vermi-compost production													
Organic manures production													
Production of fry and fingerlings													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Production of Bee-colonies and wax sheets													
Small tools and implements													
Production of livestock feed and fodder													
Production of Fish feed													
Others, if any													
X. Capacity Building and Group Dynamics													
Leadership development													
Group dynamics													
Formation and Management of SHGs													
Mobilization of social capital													
Entrepreneurial development of farmers/youths													
WTO and IPR issues													
Others, if any													
XI Agro-forestry	1	18	0	18	3	3	6	1	0	1	21	4	25
Production technologies													
Nursery management													
Integrated Farming Systems													
XII. Others (Pl. Specify)													
TOTAL	9	101	42	143	22	30	53	20	0	20	141	74	215

B) Rural Youth (on campus)

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Mushroom Production													
Bee-keeping													
Integrated farming													
Seed production													
Production of organic inputs													
Integrated Farming													
Planting material production	1	4	2	6	9	0	9	0	0	0	13	2	15
Vermi-culture													
Sericulture													
Protected cultivation of vegetable crops													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Commercial fruit production													
Repair and maintenance of farm machinery and implements													
Nursery Management of Horticulture crops													
Training and pruning of orchards													
Value addition													
Production of quality animal products	1	0	0	0	0	0	0	0	15	15	0	15	15
Dairying													
Sheep and goat rearing													
Quail farming													
Piggery													
Rabbit farming													
Poultry production													
Ornamental fisheries													
Enterprise development	2	0	15	15	0	0	0	0	15	15	0	30	30
Para vets													
Para extension workers													
Composite fish culture													
Freshwater prawn culture													
Shrimp farming													
Pearl culture													
Cold water fisheries													
Fish harvest and processing technology													
Fry and fingerling rearing	1	15	0	15	0	0	0	0	0	0	15	0	15
Small scale processing													
Post Harvest Technology													
Tailoring and Stitching													
Rural Crafts													
Integrated Pest Management	1	8	1	9	1	0	1	5	0	5	14	1	15
Bio-control of pests and diseases	1	10	1	11	4	0	4	0	0	0	14	1	15
TOTAL	7	37	19	56	14	0	14	5	30	35	56	49	105

C) Extension Personnel (on campus)

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Productivity enhancement in field crops													
Value addition	1	11	3	14	1	0	1	0	0	0	12	3	15
Integrated Pest Management	1	15	0	15	0	0	0	0	0	0	15	0	15
Integrated Nutrient management													
Rejuvenation of old orchards													
Protected cultivation technology													
Formation and Management of SHGs													
Group Dynamics and farmers organization													
Information networking among farmers													
Capacity building for ICT application													
Care and maintenance of farm machinery and implements													
WTO and IPR issues													
Management in farm animals													
Livestock feed and fodder production													
Household food security	1	0	15	0	0	5	5	0	0	0	0	20	20
Women and Child care													
Low cost and nutrient efficient diet designing													
Production and use of organic inputs													
Gender mainstreaming through SHGs													
TOTAL	3	26	18	29	1	5	6	0	0	0	27	23	50

D) Farmers and farm women (off campus)

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
I. Crop Production													
Weed Management													
Resource Conservation Technologies													
Cropping Systems													
Crop Diversification													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Integrated Farming													
Water management													
Seed production													
Nursery management													
Integrated Crop Management													
Fodder production													
Production of organic inputs													
Others, (cultivation of crops)													
II. Horticulture													
a) Vegetable Crops													
Integrated nutrient management	1	2	0	2	4	0	4	19	0	19	25	0	25
Water management													
Enterprise development													
Skill development													
Yield increment													
Production of low volume and high value crops	1	0	0	0	20	0	20	5	0	5	25	0	25
Off-season vegetables													
Nursery raising													
Export potential vegetables													
Grading and standardization													
Protective cultivation (Green Houses, Shade Net etc.)													
Others, if any (Cultivation of Vegetable)	1	5	7	12	0	0	0	3	10	13	8	17	25
Training and Pruning													
b) Fruits													
Layout and Management of Orchards													
Cultivation of Fruit	1	24	1	25	0	0	0	0	0	0	24	1	25
Management of young plants/orchards													
Rejuvenation of old orchards													
Export potential fruits													
Micro irrigation systems of orchards													
Plant propagation techniques													
Others, if any(INM)													
c) Ornamental Plants													
Nursery Management													
Management of potted plants													
Export potential of ornamental plants													
Propagation techniques of Ornamental Plants													
Others, if any	1	3	22	25	0	0	0	0	0	0	3	22	25
d) Plantation crops													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Production and Management technology													
Processing and value addition													
Others, if any													
e) Tuber crops													
Production and Management technology	1	25	0	25	0	0	0	0	0	0	25	0	25
Processing and value addition													
Others, if any													
f) Spices													
Production and Management technology	1	21	1	22	3	0	3	0	0	0	24	1	25
Processing and value addition													
Others, if any													
g) Medicinal and Aromatic Plants													
Nursery management													
Production and management technology													
Post harvest technology and value addition													
Others, if any													
III. Soil Health and Fertility Management													
Soil fertility management													
Soil and Water Conservation													
Integrated Nutrient Management													
Production and use of organic inputs													
Management of Problematic soils													
Micro nutrient deficiency in crops													
Nutrient Use Efficiency													
Soil and Water Testing													
Others, if any													
IV. Livestock Production and Management													
Dairy Management													
Poultry Management	3	27	41	65	0	0	0	3	4	7	30	45	75
Piggery Management													
Rabbit Management													
Disease Management	2	9	32	41	3	6	9	0	0	0	12	38	50
Feed management													
Production of quality animal products													
Others, if any Goat farming													
V. Home Science/Women empowerment													
Household food security by kitchen gardening and nutrition gardening	2	0	22	22	0	3	3	0	25	25	0	50	50
Design and development of low/minimum cost diet													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Designing and development for high nutrient efficiency diet													
Minimization of nutrient loss in processing													
Gender mainstreaming through SHGs													
Storage loss minimization techniques	2	0	48	48	0	0	0	0	2	2	0	50	50
Enterprise development	1	0	23	23	0	2	2	0	0	0	0	25	25
Value addition	2	0	32	32	0	18	18	0	0	0	0	50	50
Income generation activities for empowerment of rural Women													
Location specific drudgery reduction technologies	1	0	22	22	0	3	3	0	0	0	0	25	25
Rural Crafts													
Capacity building													
Women and child care	1	0	21	21	0	1	1	0	3	3	0	25	25
Others, if any													
VI.Agril. Engineering													
Installation and maintenance of micro irrigation systems	1	25	0	25	0	0	0	0	0	0	25	0	25
Use of Plastics in farming practices													
Production of small tools and implements	1	25	0	25	0	0	0	0	0	0	25	0	25
Repair and maintenance of farm machinery and implements													
Small scale processing and value addition													
Post Harvest Technology													
Others, if any	2	50	0	50	0	0	0	0	0	0	50	0	50
VII. Plant Protection													
Integrated Pest Management	7	93	29	112	0	0	0	42	11	53	135	40	175
Integrated Disease Management	1	17	0	17	0	0	0	8	0	8	25	0	25
Bio-control of pests and diseases	1	0	0	0	15	10	25	0	0	0	15	10	25
Production of bio control agents and bio pesticides													
Others, if any													
VIII. Fisheries													
Integrated fish farming													
Carp breeding and hatchery management													
Carp fry and fingerling rearing													
Composite fish culture & fish disease													
Fish feed preparation & its application to fish pond, like nursery, rearing & stocking pond													
Hatchery management and culture of freshwater prawn													
Breeding and culture of ornamental fishes													
Portable plastic carp hatchery													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Pen culture of fish and prawn													
Shrimp farming													
Edible oyster farming													
Pearl culture													
Fish processing and value addition													
Others, if any													
IX. Production of Inputs at site													
Seed Production													
Planting material production													
Bio-agents production													
Bio-pesticides production													
Bio-fertilizer production													
Vermi-compost production													
Organic manures production													
Production of fry and fingerlings													
Production of Bee-colonies and wax sheets													
Small tools and implements													
Production of livestock feed and fodder													
Production of Fish feed													
Others, if any													
X. Capacity Building and Group Dynamics													
Leadership development													
Group dynamics													
Formation and Management of SHGs													
Mobilization of social capital													
Entrepreneurial development of farmers/youths													
WTO and IPR issues													
Others, if any													
XI Agro-forestry	4	55	9	64	11	3	14	19	3	22	85	15	100
Production technologies													
Nursery management													
Integrated Farming Systems													
XII. Others (Pl. Specify)													
TOTAL	38	381	310	678	56	46	102	99	58	157	536	414	950

E) RURAL YOUTH (Off Campus)

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Mushroom Production													
Bee-keeping													
Integrated farming	1	15	0	15	0	0	0	0	0	0	15	0	15
Seed production													
Production of organic inputs													
Integrated Farming													
Planting material production													
Vermi-culture													
Sericulture													
Protected cultivation of vegetable crops													
Commercial fruit production													
Repair and maintenance of farm machinery and implements													
Nursery Management of Horticulture crops	1	12	0	12	3	0	3	0	0	0	15	0	15
Training and pruning of orchards													
Value addition													
Production of quality animal products													
Dairying													
Sheep and goat rearing													
Quail farming													
Piggery													
Rabbit farming													
Poultry production													
Ornamental fisheries													
Para vets													
Para extension workers													
Composite fish culture													
Freshwater prawn culture													
Shrimp farming													
Pearl culture													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Cold water fisheries													
Fish harvest and processing technology													
Fry and fingerling rearing													
Small scale processing													
Post Harvest Technology													
Tailoring and Stitching													
Rural Crafts													
Others, if any													
TOTAL	2	27	0	27	3	0	3	0	0	0	30	0	30

F) Extension Personnel (Off Campus)

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Productivity enhancement in field crops													
Integrated Pest Management													
Integrated Nutrient management													
Rejuvenation of old orchards													
Protected cultivation technology													
Formation and Management of SHGs													
Group Dynamics and farmers organization													
Information networking among farmers													
Capacity building for ICT application													
Care and maintenance of farm machinery and implements													
WTO and IPR issues													
Management in farm animals													
Livestock feed and fodder production													
Household food security													
Women and Child care													
Low cost and nutrient efficient diet designing													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Production and use of organic inputs													
Gender mainstreaming through SHGs													
Crop intensification													
TOTAL													

G) Consolidated table (ON and OFF Campus)

i. Farmers & Farm Women

Thematic Area	**No. of Courses**	**No. of Participants**									**Grand Total**		
		Other			**SC**			**ST**					
		M	**F**	**T**	**M**	**F**	**T**	**M**	**F**	**T**	**M**	**F**	**T**
I. Crop Production													
Weed Management													
Resource Conservation Technologies													
Cropping Systems													
Crop Diversification													
Integrated Farming													
Water management													
Seed production													
Nursery management													
Integrated Crop Management													
Fodder production													
Production of organic inputs													
Others, (cultivation of crops)													
TOTAL													
II. Horticulture													
a) Vegetable Crops													
Integrated nutrient management	2	2	2	2	4	0	4	34	0	34	40	0	40
Water management													
Enterprise development													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Skill development													
Yield increment													
Production of low volume and high value crops	1	0	0	0	20	0	20	5	0	5	25	0	25
Off-season vegetables													
Nursery raising													
Exotic vegetables like Broccoli													
Export potential vegetables													
Grading and standardization													
Protective cultivation (Green Houses, Shade Net etc.)													
Others, if any (Cultivation of Vegetable)	1	5	7	12	0	0	0	3	10	13	8	17	25
TOTAL													
b) Fruits													
Training and Pruning													
Layout and Management of Orchards													
Cultivation of Fruit	1	24	1	25	0	0	0	0	0	0	24	1	25
Management of young plants/orchards	1	6	0	6	6	11	17	2	0	2	13	12	25
Rejuvenation of old orchards													
Export potential fruits													
Micro irrigation systems of orchards													
Plant propagation techniques													
Others, if any(INM)													
TOTAL													
c) Ornamental Plants													
Nursery Management													
Management of potted plants													
Export potential of ornamental plants													
Propagation techniques of Ornamental Plants													
Others, if any	1	3	22	25	0	0	0	0	0	0	3	22	25
TOTAL													
d) Plantation crops													
Production and Management technology													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Processing and value addition													
Others, if any													
TOTAL													
e) Tuber crops													
Production and Management technology	1	25	0	25	0	0	0	0	0	0	25	0	25
Processing and value addition													
Others, if any													
TOTAL													
f) Spices													
Production and Management technology	1	21	1	22	3	0	3	0	0	0	24	1	25
Processing and value addition													
Others, if any													
TOTAL													
g) Medicinal and Aromatic Plants													
Nursery management													
Production and management technology													
Post harvest technology and value addition													
Others, if any													
TOTAL													
III. Soil Health and Fertility Management													
Soil fertility management													
Soil and Water Conservation													
Integrated Nutrient Management													
Production and use of organic inputs													
Management of Problematic soils													
Micro nutrient deficiency in crops													
Nutrient Use Efficiency													
Soil and Water Testing													
Others, if any													
TOTAL													
IV. Livestock Production and Management													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Dairy Management	1	3	16	19	4	2	6	0	0	0	7	18	25
Poultry Management	3	27	41	65	0	0	0	3	4	7	30	45	75
Piggery Management													
Rabbit Management													
Disease Management	2	9	32	41	3	6	9	0	0	0	12	38	50
Feed management													
Production of quality animal products													
Others, if any (Goat farming)													
TOTAL													
V. Home Science/Women empowerment													
Household food security by kitchen gardening and nutrition gardening	2	0	22	22	0	3	3	0	25	25	0	50	50
Design and development of low/minimum cost diet													
Designing and development for high nutrient efficiency diet													
Minimization of nutrient loss in processing													
Gender mainstreaming through SHGs													
Storage loss minimization techniques	3	0	69	69	0	4	4	0	2	2	0	75	75
Enterprise development	1	0	23	23	0	2	2	0	0	0	0	25	25
Value addition	2	0	32	32	0	18	18	0	0	0	0	50	50
Income generation activities for empowerment of rural Women													
Location specific drudgery reduction technologies	1	0	22	22	0	3	3	0	0	0	0	25	25
Rural Crafts													
Capacity building													
Women and child care	1	0	21	21	0	1	1	0	3	3	0	25	25
Others, if any													
TOTAL													
VI. Agril. Engineering													
Installation and maintenance of micro irrigation systems	1	25	0	25	0	0	0	0	0	0	25	0	25
Use of Plastics in farming practices													
Production of small tools and implements	1	25	0	25	0	0	0	0	0	0	25	0	25

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Repair and maintenance of farm machinery and implements													
Small scale processing and value addition													
Post Harvest Technology													
Others, if any	2	50	0	50	0	0	0	0	0	0	50	0	50
TOTAL													
VII. Plant Protection													
Integrated Pest Management	8	99	30	119	6	10	17	44	11	55	149	51	200
Integrated Disease Management	1	17	0	17	0	0	0	8	0	8	25	0	25
Bio-control of pests and diseases	1	0	0	0	15	10	25	0	0	0	15	10	25
Production of bio control agents and bio pesticides	2	43	4	47	3	0	3	0	0	0	46	4	50
Others, if any													
TOTAL													
VIII. Fisheries													
Integrated fish farming	1	25	0	25	0	0	0	0	0	0	25	0	25
Carp breeding and hatchery management													
Carp fry and fingerling rearing													
Composite fish culture & fish disease													
Fish feed preparation & its application to fish pond, like nursery, rearing & stocking pond													
Hatchery management and culture of freshwater prawn													
Breeding and culture of ornamental fishes													
Portable plastic carp hatchery													
Pen culture of fish and prawn													
Shrimp farming													
Edible oyster farming													
Pearl culture													
Fish processing and value addition													
Others, if any													
TOTAL													
IX. Production of Inputs at site													
Seed Production													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Planting material production													
Bio-agents production													
Bio-pesticides production													
Bio-fertilizer production													
Vermi-compost production													
Organic manures production													
Production of fry and fingerlings													
Production of Bee-colonies and wax sheets													
Small tools and implements													
Production of livestock feed and fodder													
Production of Fish feed													
Others, if any													
TOTAL													
X. Capacity Building and Group Dynamics													
Leadership development													
Group dynamics													
Formation and Management of SHGs													
Mobilization of social capital													
Entrepreneurial development of farmers/youths													
WTO and IPR issues													
Others, if any													
TOTAL													
XI Agro-forestry	1	18	0	18	3	3	6	1	0	1	21	4	25
Production technologies	4	55	9	64	11	3	14	19	3	22	85	15	100
Nursery management													
Integrated Farming Systems													
TOTAL													
XII. Others (Pl. specify)													
TOTAL	47	482	354	836	78	70	148	155	119	274	715	579	1294

ii. RURAL YOUTH (On and Off Campus)

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Mushroom Production													
Bee-keeping													
Integrated farming	1	15	0	15	0	0	0	0	0	0	15	0	15
Seed production													
Production of organic inputs													
Planting material production	1	4	2	6	9	0	9	0	0	0	13	2	15
Vermi-culture													
Sericulture													
Protected cultivation of vegetable crops													
Commercial fruit production													
Repair and maintenance of farm machinery and implements													
Nursery Management of Horticulture crops	1	12	0	12	3	0	3	0	0	0	15	0	15
Training and pruning of orchards													
Value addition													
Production of quality animal products	1	0	0	0	0	0	0	0	15	15	0	15	15
Dairying													
Sheep and goat rearing													
Quail farming													
Piggery													
Rabbit farming													
Poultry production													
Ornamental fisheries													
Para vets													
Para extension workers													
Composite fish culture													
Freshwater prawn culture													
Shrimp farming													
Pearl culture													
Cold water fisheries													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Fish harvest and processing technology													
Fry and fingerling rearing	1	15	0	15	0	0	0	0	0	0	15	0	15
Small scale processing													
Post Harvest Technology													
Tailoring and Stitching													
Rural Crafts													
Enterprise development	2	0	15	15	0	0	0	0	15	15	0	30	30
Integrated Pest Management	1	8	1	9	1	0	1	5	0	5	14	1	15
Bio-control of pests and diseases	1	10	1	11	4	0	4	0	0	0	14	1	15
TOTAL	9	64	19	83	17	0	17	5	30	35	86	49	135

iii. Extension Personnel (On and Off Campus)

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Productivity enhancement in field crops													
Integrated Pest Management													
Integrated Nutrient management													
Rejuvenation of old orchards													
Value addition	1	11	3	14	1	0	1	0	0	0	12	3	15
Protected cultivation technology	1	15	0	15	0	0	0	0	0	0	15	0	15
Formation and Management of SHGs													
Group Dynamics and farmers organization													
Information networking among farmers													
Capacity building for ICT application													
Care and maintenance of farm machinery and implements													
WTO and IPR issues													
Management in farm animals													
Livestock feed and fodder production													
Household food security	1	0	15	0	0	5	5	0	0	0	0	20	20
Women and Child care													
Low cost and nutrient efficient diet designing													
Production and use of organic inputs													
Gender mainstreaming through SHGs													

Crop intensification													
Others if any													
TOTAL	3	26	18	29	1	5	6	0	0	0	27	23	50

Please furnish the details of training programmes as Annexure in the proforma given below

Discipline	Clientele	Title of the training programme	Duration in days	Venue (Off / On Campus)	Number of participants			Number of SC/ST		
					Male	Female	Total	Male	Female	Total
Horticulture	F & FW	INM in tomato	01	on	15	0	15	15	0	15
Horticulture	F & FW	INM in Banana	01	off	25	0	25	23	0	23
Horticulture	F & FW	Production technology of minor fruits	01	off	24	1	25	0	0	0
Horticulture	F & FW	Production technology of cole crops	01	off	8	17	25	3	10	13
Horticulture	F & FW	Fertilizer management in chilli	01	off	24	1	25	3	0	3
Horticulture	F & FW	Post harvest management in mango	01	on	13	12	25	8	11	19
Horticulture	F & FW	Cultivation practices of tuber crops	01	off	25	0	25	0	0	0
Horticulture	F & FW	Production technology of improved drumstick variety	01	off	25	0	25	25	0	25
Horticulture	F & FW	Integrated crop management of marigold	01	off	3	22	25	0	0	0
Plant Protection	F & FW	Training on use of IDM practices for management of blast sheath blight and BLB disease in rice	1	Off	25	0	25	8	0	8
Plant Protection	F & FW	Training on use of IPM practices for management of leaf folder and stem borer in rice	1	Off	25	0	25	25	0	25
Plant Protection	F & FW	Training on use of new generation herbicides for controlling different kinds of weeds in rice	1	Off	25	0	25	1	0	1
Plant Protection	F & FW	Training on integrated pest management on different insects in maize	1	Off	25	0	25	0	0	0
Plant Protection	F & FW	Training on use of IPM for white grub in groundnut	1	Off	6	19	25	1	1	2
Plant Protection	F & FW	Training on use of IPM practices for pod borer complex in pigeonpea	1	Off	20	5	25	0	0	0
Plant Protection	F & FW	Training on use of new generation insecticides for management of serpentine leaf miner in tomato	1	Off	15	10	25	15	10	25

Plant Protection	F & FW	Training on use of biological practice for management of different insects in mango	1	Off	15	10	25	15	10	25
Plant Protection	F & FW	Training on use of IPM practices for different insects in watermelon	1	On	14	11	25	8	10	18
Plant Protection	F & FW	Training on identification and management of different insects in cashew	1	Off	19	6	25	0	0	0
Home Science	F & FW	Promotion of Akola mini dal mill processing unit at community level for developing local economy	1	On	0	25	25	0	4	4
Home Science	F & FW	Storage of food grain	1	Off	0	25	25	0	0	0
Home Science	F & FW	Minimising post harvest loss of tomato by value addition	1	Off	0	25	25	0	0	0
Home Science	F & FW	Beyond food security-promoting nutrition security at family level	1	Off	0	25	25	0	25	25
Home Science	F & FW	Market led value addition of mango	1	Off	0	25	25	0	18	18
Home Science	F & FW	Promotion of women entrepreneurs by utilizing crumpled paddy straw after mechanisation	1	Off	0	25	25	0	2	2
Home Science	F & FW	Post harvest management of paddy straw mushroom for better market price	1	Off	0	25	25	0	2	2
Home Science	F & FW	Health and sanitization measures for women famers and their children	1	Off	0	25	25	0	4	4
Home Science	F & FW	Promotion of home garden involving SHG members	1	Off	0	25	25	0	3	3
Home Science	F & FW	Women friendly tools and implements for drudgery reduction of farm women	1	Off	0	25	25	0	3	3
Agro forestry	F & FW	Resin tapping in sal	1	Off	23	2	25	7	2	9
Agro forestry	F & FW	VA of mahua butter	1	Off	18	7	25	4	2	6
Agro forestry	F & FW	Preservation of germplasm of local mango varieties	1	Off	21	4	25	2	1	3
Agro forestry	F & FW	Mechanical and physical properties of some hardwood	1	Off	20	5	25	4	2	6
Agro forestry	F & FW	Preparation of Mango split by pit method	1	On	21	4	25	4	0	4
Animal Science	F & FW	Training on effect of probiotic supplementation on milk traits	1	Off	7	18	25	4	2	6
Animal Science	F & FW	Steps involved in brooding technique	1	Off	13	12	25	3	4	7
Animal Science	F & FW	Different types of mastitis and measures taken for prevention and control of	1	Off	0	25	25	0	0	0

		mastitis								
Animal Science	F & FW	Production performance of different dual purpose breeds in semi intensive backyard condition	1	Off	0	25	25	0	0	0
Animal Science	F & FW	Introduction of unique black chicken meat variety	1	Off	17	8	28	0	0	0
Animal Science	F & FW	Vaccination schedule of different diseases of poultry	1	Off	12	13	25	3	6	9
Animal Science	F & FW	Prevention and control measures for different parasites in goats	1	Off	25	0	25	0	0	0
Agricultural Eng.	F & FW	Use of micro irrigation system for vegetables	1	Off	25	0	25	0	0	0
Agricultural Eng.	F & FW	Tillage implements and their use	1	Off	25	0	25	0	0	0
Agricultural Eng.	F & FW	Improved agricultural implements for inter culture operations	1	Off	25	0	25	0	0	0
Agricultural Eng.	F & FW	Harvesting machinery for rice								
Fishery	F & FW	Culture technique of studnteed fingerlings in seasonal farm pond	1	On	25	0	25	0	0	0

H) Vocational training programmes for Rural Youth

Details of training programmes for Rural Youth

Crop / Enterprise	Identified Thrust Area	Training title*	Duration (days)	No. of Participants			Self-employed after training			Number of persons employed else where
				Male	Female	Total	Type of units	Number of units	Number of persons employed	
Vegetable	Nursery management	High-tech vegetable nursery management	1	15	0	15				
Vegetable	INM	Use of Soluble fertilizers for management of different horticulture crops	1	15	0	15				
Sweet potato	IPM	Integrated pest management on different insects in sweet potato	1	14	1	15				
Brinjal	Biological control	Use of bio intensive management of brinjal shoot and fruit borer	1	14	1	15				
Mushroom	Income	Strengthening profitability of HH enterprises for	1	0	15	15	Mushroon	1	2	

	generation	enhancing income and employment					unit in bamboo shed			
Vegetable	Nutrition security	Promotion of enterprises involving women SHGs	1	0	15	15				
Tree species	Plant production	Air layering of some forest plants	1	15	0	15				
Dairy	Feed management	Training on silage preparation from maize	1	0	15	15				
Fish	IMC	Technique of fingerlings production	1	15	0	15				

Sponsored Training Programmes

Sl. No	Title	Thematic area	Month	Duration (days)	Client	No. of courses	No. of Participants									Sponsoring Agency
					PF/RY /EF		Male			Female			Total			
							Others	SC	ST	Others	SC	ST	Others	SC	ST	Total	
1	Scientific Bee keeping	Bee keeping	March	7	PF	2	43	2	0	4	1	0	47	3	0	50	National Bee Board
2.	Inputs dealers	Certificate course on insecticide management	Cont.	1	EF	3	24	2	0	0	0	0	24	2	0	26	NIPHM, Hyderabad

3.4. A. Extension Activities (including activities of FLD programmes)

Nature of Extension Activity	No. of activities	Farmers				Extension Officials			Total		
		M	F	T	SC/ ST (% of total)	Male	Female	Total	Male	Female	Total
Field Day	4	90	30	120	12	6	3	9	96	33	129
Krushi Mela	1										
Kisan Ghosthi	6	81	9	90	13	2	1	3	83	10	93
Exhibition	2										

Film Show	6	126	74	200	12	1	1	2	127	75	202
Method Demonstrations	17	125	45	170	8	1	1	2	126	46	172
Farmers Seminar	0										
Workshop	5										
Group meetings	13	211	49	260	9	1	1	2	212	50	262
Lectures delivered as resource persons	35	549	201	750	10	3	1	4	552	202	754
Advisory Services	41	45917									45917
Scientific visit to farmers field	1102										11025
Farmers visit to KVK	1162										1162
Diagnostic visits	72	1384	191	1575	7				1384	191	1575
Exposure visits	21	176	39	215	14	2	1	3	178	40	718
Ex-trainees Sammelan	1	27	13	40	4	1		1	28	13	41
Soil health Camp	1	248	22	270	6	1	2	3	248	24	273
Animal Health Camp	1	81	19	100	15	3	2	5	96	21	105
Agri mobile clinic	0										
Soil test campaigns	27	591	84	675	8	1		1	592	84	676
Farm Science Club Conveners meet	7	51	29	70	6	2	1	3	53	30	73
Self Help Group Conveners meetings	2	0	50	50	5	1	1	2	1	51	52
Mahila Mandals Conveners meetings	2	0	50	50	4	1	1	2	1	51	52
Celebration of important days (specify)	4	151	49	200	7	8	3	11	159	52	211
World water day	1	37	13	50	6	10	5	15	47	18	65
Swatchta Hi Sewa	42	89	6	95	4				89	6	95
International women day	1	0	50	50	3	0	15	15	0	65	65
Mask distribution	2	75	25	100	100	5	7	7	80	32	112
Virtual meeting	21										
Total											

B. Other Extension activities

Nature of Extension Activity	No. of activities
Newspaper coverage	41
Radio talks	4
TV talks	2
Popular articles	6
Extension Literature	11
Other, if any	6

3.5 a. Production and supply of Technological products

Village seed

Crop	Variety	Quantity of seed (q)	Value (Rs)	No. of farmers involved in village seed production	Number of farmers to whom seed provided			
					SC	ST	Other	Total
Total								

KVK farm

Crop	Variety	Quantity of seed (q)	Value (Rs)	Number of farmers to whom seed provided			
				SC	ST	Other	Total
Paddy	Pooja	139.0	491400				
Paddy	Hasant	11.2					
Grand Total							

Production of planting materials by the KVKs

Crop	Variety	No. of planting materials	Value (Rs)	Number of farmers to whom planting material provided			
				SC	ST	Other	Total
Vegetable seedlings							
Cauliflower	Pusa Snow ball	3844	9610				
Cabbage	Kamya	3380	2450				
Tomato	Arka rakhshak	22120	55300				

Brinjal	Akhsita 30, Mahy green	9352	23380				
Chilli	Arka Harit	5652	14130				
Capsicum		2115	8460				
Brocoli		1385	3463				
Marigold	Pusa Narangi	12500	15000				
Drumstick	Bhagya	4156	62340				
Fruits							
Mango							
Guava gutti	VNR bihi	463	23150				
Guava fruit	VNR bihi	285	14250				
Lime							
Papaya	Pusa Nanha	1559	23385				
Banana							
Others							
Ornamental plants							
Medicinal and Aromatic							
Plantation							
Spices							
Turmeric							
Tuber							
Elephant yams							
Fodder crop saplings							
Forest Species							
Others, pl.specify							
Total		66526	260917				

Production of Bio- product by KVKs

Bio -product	Name of the Bio - product	Quantity (no.)	Quantity (Kg.)	Value (Rs.)	Number of farmers	Quantity (no.)	Quantity (Kg.)	Value (Rs.)	Number of farmers	Quantity (no.)	Quantity (Kg.)	Value (Rs.)	Number of farmers	Quantity (no.)	Quantity (Kg.)	Value (Rs.)	Number of farmers
Bio- fertilisers		**A&N Islands**				**Odisha**				**West bengal**				**Total**			
Non Symbiotic Azotobacter																	

Bio -product	Name of the Bio - product	Quantity (no.)	Quantity (Kg.)	Value (Rs.)	Number of farmers	Quantity (no.)	Quantity (Kg.)	Value (Rs.)	Number of farmers	Quantity (no.)	Quantity (Kg.)	Value (Rs.)	Number of farmers	Quantity (no.)	Quantity (Kg.)	Value (Rs.)	Number of farmers
Bio- fertilisers		**A&N Islands**				**Odisha**				**West bengal**				**Total**			
Vermi compost	Vermi compost						1437	21555									
Azolla																	
Earth worms																	
Compost																	
Worms																	
Blue green algae																	
NADEP																	
Azatobactor																	
Azospirillum																	
PSB																	
Rhizobium																	
Azolla culture																	
Total																	
Bio- pestisides																	
Neem extract																	
Tobacco extract																	
Trichoder-maviride																	
Panchagavya																	
Trichoderma																	
Total																	
Worms																	
Eudriluseuniae																	
Total																	
Earth worm																	
Eiseniafoetida																	
Earth worm																	
Total																	
Bio- fungicides																	
Trichoder maviridae																	

Bio -product	Name of the Bio - product	Quantity (no.)	Quantity (Kg.)	Value (Rs.)	Number of farmers	Quantity (no.)	Quantity (Kg.)	Value (Rs.)	Number of farmers	Quantity (no.)	Quantity (Kg.)	Value (Rs.)	Number of farmers	Quantity (no.)	Quantity (Kg.)	Value (Rs.)	Number of farmers
Bio- fertilisers		**A&N Islands**				**Odisha**				**West bengal**				**Total**			
Total																	
others																	
Vermiculture																	
Paddy straw mushroom							210	16800									
Oyster Mushroom							90	5400									
Mineral mixture																	
Cow dung(dry)																	
Cow dung(wet)																	
Total																	
Grand Total																	

Production of livestock materials

Particulars of Live stock	Name of the breed	Number	Value (Rs.)	No. of Farmers benefitted			
				SC	ST	Other	Total
Dairy animals							
Cows							
Buffaloes							
Calves							
Others (Pl. specify)							
Small ruminants							
Sheep							
Goat							
Other, please specify							
Poultry							
Broilers							
Layers							
Duals (broiler and layer)	Banaraj, Kadaknath, Aseel, Kaberi	2675	173875				
Japanese Quail							
Turkey							

Emu				
Ducks				
Others (Pl. specify), (Poultry Bird)	Banaraj, Kadaknath, Aseel, Kaberi	41.9 kg	6285	
Eggs		1625	9750	
Piggery				
Piglet				
Hog				
Others (Pl. specify)				
Fisheries				
Indian carp	IMC	299 kg	41860	
Exotic carp				
Mixed carp				
Fish fingerlings	IMC	17000	34000	
Spawn				
Others (Pl. specify) (Fish Fry)	IMC	1533000	337260	
Yearlings	IMC	100 kg	17000	
Grand Total			620030	

3.5. b. Seed Hub Programme - ***"Creation of Seed Hubs for Increasing Indigenous Production of Pulses in India"***

i) Name of Seed Hub Centre:

Name of Nodal Officer :	
Address :	
e-mail :	
Phone No. : Mobile :	

ii) Details of Quality Seed Production

Season	Crop	Variety	Production (q)			
			Target	Area sown (ha)	Production	Category of Seed (F/S, C/S)
Kharif 2020						
Rabi 2020-21						
Summer/Spring 2021						

iii) Financial Progress

Fund received (2016-17, 2017-18 2018-19 and2019-20)	Expenditure (Rs. in lakhs)		Unspent balance (Rs. in lakhs)	Remarks
	Infrastructure	Revolving fund		
2016-17				
2017-18				
2018-19				
2019-20				

iv) Infrastructure Development

Item	Progress
Seed processing unit	
Seed storage structure	

3.6. (A) Literature Developed/ Published (with full title, author & reference)

Item	Title	Author's name	Number	Circulation
Research paper				
Seminar/conference/ symposia papers				
Books				
Bulletins				
News letter	Sabuja Barta		500	500
Popular Articles				
Book Chapter				
Extension Pamphlets/ literature	Mahumachhi Palan O Dala Utpadana, Gouna Krushi vittika udyaga chhatu chasa, Khani ambula, Baigyanika padhattire harada chasa, Bigyanika padhattire kukuda palana, Unnata pranalire rasi chasa, Baigyanika padhattire sitadinia panipariba chasa, Broiler kukuda palana, Badiaganare kukuda palan	Dr. Bimalendu Mohanty, Smt. Sasmita Pal, Sri. D. Panda, Sri. M. R. Mohanty, Sri D. S.Kar and Dr. R. B. Nayak	5000	4400

Technical reports				
Electronic Publication (CD/DVD etc)				
TOTAL				

N.B.: Please enclose a copy of each. In case of literature prepared in local language please indicate the title in English

(B) Details of HRD programmes undergone by KVK personnel:

Sl. No.	Name of programme	Name of course	Name of KVK personnel and designation	Date and Duration	Organized by
1.	e-training	Pest risk analysis	Sri. Debasis Panda, Scientist (Plant Protection)	18.1.21 to 22.1.21	NIPHM, Hyderabad
2.	e-training	Integrating gender concerns in agriculture research and extension for improving livelihood of farm women	Smt. Sasmita Pal, Scientist (Home Science)	23.2.21 to 27.2.21	CIWA, BBSR
3.	Training	Orientation cum sensitization training programme for farmers	Sri. Debasis Panda, Scientist (Plant Protection)	17.2.21 to 18.2.21	CIPMC, BBSR
4.	Webinar	India International science Festival 2020 Curtain Raiser Ceremony	Dr.Bimalendu Mohanty,Senior Scientist and Head, Smt. Sasmita Pal, Scientist (Home Science), Sri. Debasis Panda, Scientist (Plant Protection),Sri. Dibya Sundar Kar,Scientist(Horticulture), Sri.Manoranjan Mohanty,Scientist(Forestry)	16.12.2020	
5.	Webinar	National webinar on DFI with focus on organic farming	Dr.Bimalendu Mohanty,Senior Scientist and Head, Smt. Sasmita Pal, Scientist (Home Science), Sri. Debasis Panda, Scientist (Plant Protection),Sri. Dibya Sundar Kar,Scientist(Horticulture), Sri.Manoranjan Mohanty,Scientist(Forestry)	18.12.2020	
6.	Webinar	Webinar on Fishery Training	Dr.Bimalendu Mohanty,Senior Scientist and Head and Dr.Roshni Bala Nayak,Scientist (Animal Science)	22.12.2020	
7.	Webinar	PM's interaction with farmers and release of installment of PM Krishi samman Nidhi	All staffs of KVK	25.12.2020	
8.	Webinar	National webinar on entrepreneurship through value addition of jackfruit and its by- products	Smt. Sasmita Pal, Scientist (Home Science) and Sri.Manoranjan Mohanty,Scientist(Forestry)	26.12.2020	Dept. of agricultural processing and food engineering,CAET, OUAT,Bhubaneswar
9	Webinar	Value addition and entrepreneurship development in banana	Smt. Sasmita Pal, Scientist (Home Science)	22.7.20	NRCB, Mumbai, Kolkata, New Delhi

3.7. Success stories/Case studies, if any (two or three pages write-up on 1-2 best case(s) with suitable action photographs)

Name of farmer	Mrs. Rasmita Swain
Address	At-Sankulei, PO- Tarava, Block-Dhenkanal Sadar, Dist- Dhenkanal, Odisha
Contact details (Phone, mobile, email Id)	Mobile No : 8338880137
Landholding (in ha.)	0.8 ha
Name and description of the farm/ enterprise	1. Goatery unit: Smt Swain started a goatery unit of 100 goats + 5 bulks during 2019 under Mukhyamantri Krushi Udyog Yojna (MKUY). In the first year, investment was very high and income was very less. But now, after two years she is in a position to earn Rs. 5.0 lakh per year and the trend is going to increase with an estimated amount of Rs. 6.0 lakh per year. She is going to receive Rs. 5.0 lakh as subsidy under the scheme. 2. Poultry unit: She has a backyard poultry unit with 100 birds from which she is getting an amount of Rs. 50,000/- per year. 3. Kharif rice: She is cultivating rice in an area of 0.4 ha during kharif and getting income of Rs. 25,000/- per year.
Economic impact	She is getting an income of Rs. 5,75,000/- per year and now planning to go for paddy straw mushroom production in commercial scale. She has already been trained by KVK and presently doing it in small scale.
Social impact	Now, Smt. Swain has been considered as an entrepreneur at the district level.
Environmental impact	In her farm there is integration of different components which can be otherwise called as components of IFS. So, there is optimum utilization of resources in a sustainable manner and the residue of one component is used in other component.
Horizontal/ Vertical spread	Seeing the success of Smt. Swain, five entrepreneurs have come up who have started goatery as an enterprise.



3.8. Give details of innovative methodology or innovative technology of Transfer of Technology developed and used during the year

Sl. No.	Name/ Title of the technology	Name/ Details of the Innovator(s)	Brief details of the Innovative Technology
1	Drip irrigation system using the used / waste saline pipes	Sri Jayaguru Pradhan, Bhuban, Dhenkanal	Sri Pradhan has used many waste / used saline pipes to install a drip irrigation system in Nigamananda Garden, Bhuban. For conveyance of water, she has used wiring pipes and the used saline fittings are serving to drip water at the desired point near the plant.

3.9. a. Give details of indigenous technology practiced by the farmers in the KVK operational area which can be considered for technology development (in detail with suitable photographs)

Sl. No.	Crop / Enterprise	ITK Practiced	Purpose of ITK

b. Give details of organic farming practiced by the farmer

Sl. No.	Crop / Enterprise	Area (ha)/ No. covered	Production	No. of farmers involved	Market available (Y/N)

3.10. Indicate the specific training need analysis tools/methodology followed by KVKs

Sl. No.	Brief details of the tool/ methodology followed	Purpose for which the tool was followed
1	Promoting service providers who in turn do farmer to farmer extension system ultimately boost the promotion of an enterprise	For promotion of bee keeping

3.11. a. Details of equipment available in Soil and Water Testing Laboratory

Sl. No	Name of the Equipment	Qty.

3.11.b. Details of samples analyzed so far :

Number of soil samples analyzed			No. of Farmers	No. of Villages	Amount realized (in Rs.)
Through mini soil testing kit/labs	Through soil testing laboratory	Total			
142	0	142	142	27	

3.11.c. Details on World Soil Day

Sl. No.	Activity	No. of Participants	No. of VIPs	Name (s) of VIP(s)	Number of Soil Health Cards distributed	No. of farmers benefitted
1	World Soil Day	50	10	Hon'ble MP Sj. Mahesh Sahoo and All District Head	20	50

3.12. Activities of rain water harvesting structure and micro irrigation system

No of training programme	No of demonstrations	No of plant material produced	Visit by the farmers	Visit by the officials

3.13. Technology week celebration

Type of activities	No. of activities	Number of participants	Related crop/livestock technology
Training and demonstration,Mahila Kisan Diwas,World Food Day,Distribution of technological product	5	150	Horticultural and cereal crop/FLD on Kadaknath

3.14. RAWE/ FET programme - is KVK involved? (Y/N) Y

No of student trained	No of days stayed
6	30 days

ARS trainees trained	No of days stayed

3.15. List of VIP visitors (Minister/ MP/MLA/DM/VC/Zila Sabhadipati/Other Head of Organization/Foreigners)

Date	Name of the person	Purpose of visit
5.6.2020 & 3.2.21	Dr.K.C.Barik,Dean of Research,OUAT,Bhubaneswar	Monitoring of RRTTS,Dhenkanal
29.10.2020	Dr.Ajay Parida,Director,ILS,Bhubaneswar	Visit to KVK Dhenkanal
13.01.2021	Dr.B.C.Nayak,Former Dean,CA,Bhubaneswarm	Visit to KVK Dhenkanal alongwith Dean Extension for farmer scientist interaction
13.1.21	Dr. G. S. Sahoo, Prof. and Head Department of Vegetable Science, OUAT, BBSR	Farmer scientist interaction
12.2.21	Sj. Rejendra Pradhan, PPO, CIPMC, BBSR	Visit to KVK
27.2.21	Prof. Pravat Roul, MD, APICOL, BBSR	Visit to KVK

4. IMPACT

4.1. Impact of KVK activities (Not to be restricted for reporting period).

Name of specific technology/skill transferred	No. of participants	% of adoption	Change in income (Rs.)	
			Before (Rs./Unit)	After (Rs./Unit)
Mushroom Cultivation from crumpled straw	20	28		
Small poultry farming	20	13		
Nursery worker	20	19		
Commercial vegetable cultivation	20	25		
Commercial goat farming	20	17		
Backyard poultry	20	24		
Nursery raising	250	12		

NB: Should be based on actual study, questionnaire/group discussion etc. with ex-participants

4.2. Cases of large scale adoption

(Please furnish detailed information for each case)

Horizontal spread of technologies	
Technology	Horizontal spread
Fry and fingerling production	Farmers from 35 villages adopted the technology by taking quality technological product
Quality planting materials	Farmers from 105 villages adopted the technology
Brooded chicks	Farmers from 35 villages adopted the technology
Commercial mushroom cultivation	Around 1100 SHGs are growing mushroom round the year

Give information in the same format as in case studies

4.3. Details of impact analysis of KVK activities carried out during the reporting period

Sl. No.	Brief details of technology	Impact of the technology in subjective terms	Impact of the technology in objective terms

4.4. Details of innovations recorded by the KVK

Thematic area	
Name of the Innovation	
Details of Innovator	
Back ground of innovation	
Technology details	
Practical utility of innovation	

4.5. Details of entrepreneurship development

Entrepreneurship development	
Name of the enterprise	Goatery
Name & complete address of the entrepreneur	Smt Rasmita Swain, At- Sankulei, Po-Sankulei, Block- Dhenkanal Sadar, Dist-Dhenkanal
Role of KVK with quantitative data support:	• Technical support • Prepared DPR for MKUY scheme • Counselling
Timeline of the entrepreneurship development	2018 starting year
Technical Components of the Enterprise	Breed: 100+5 unit Black Bengal

	Black Bengal and local mixed
Status of entrepreneur before and after the enterprise	Before intervention : 40000 to 50000 / year After Intervention : 1 to 1.5 lakh / year
Present working condition of enterprise in terms of raw materials availability, labour availability, consumer preference, marketing the product etc. (Economic viability of the enterprise):	Labour: 2 Consumer – good Marketing – good
Horizontal spread of enterprise	2

4.6. Any other initiative taken by the KVK

5. LINKAGES

5.1. Functional linkage with different organizations

Name of organization	Nature of linkage
Deptt. of Agr, Govt. of Odisha	Implementation of KVK activities
Deptt. of Horticulture, Govt. of Odisha	Implementation of KVK activities
Deptt. of Animal Res. Dev., Govt. of Odisha	Implementation of KVK activities
Deptt. of Fishreies, Govt. of Odisha	Implementation of KVK activities
ICAR Institutes- NRRI, IIWM, CIFA, CTCRI, CHES, CARI, CIWA	For getting technologies
OSSC	For getting seed and selling seed produced from instructional farm
Deptt. of Social Welfare, Dhenkanal,	Implementation of KVK activities

5.2. List of special programmes undertaken during 2020-21 by the KVK, which have been financed by ATMA/ Central Govt/ State Govt./NABARD /NHM/ NFDB/Other Agencies **(information of previous years should not be provided)**

a) Programmes for infrastructure development

Name of the programme/ scheme	Purpose of programme	Date/ Month of initiation	Funding agency	Amount (Rs.)

(b) Programme for other activities (training, FLD,OFT, Mela, Exhibition etc.)

Name of the programme/ scheme	Purpose of programme	Date/ Month of initiation	Funding agency	Amount (Rs.)

6. PERFORMANCE OF INFRASTRUCTURE IN KVK

6.1. Performance of demonstration units (other than instructional farm)

Sl. No.	Name of demo Unit	Year of estt.	Area(Sq.mt)	Details of production			Amount (Rs.)		Remarks
				Variety/breed	Produce	Qty.	Cost of inputs	Gross income	
1.	Mushroom	2006-07	179	V.Volvacea,P.sajarcaju	Mushroom	300 kg	20542	22500	Public sale
2.	Polyhouse	2010-11	110	Arka rakshak, Early snow ball, Utkal Abha, Swarna Shyamli, Bhagya, Pusa KTS-1, Bhima Dark red	Vegetable seedlings		100860	26917	Public sale, FLD and OFT
3.	Poultry		36	Aseel, Kadaknath, Chabro, Pallishree, Quail	21 days old chicks	2675 nos	143516	189910	Public sale, FLD and OFT
4.	Pisciculture unit	2017-18	12 acre	IMC	Fish	299 kg	25000	38870	Public sale
5.	IFS	2011-12	338	IMC	Fish fry, Fingerling and yearling	15.50 lakhs nos & 100 kg	322541	425130	Public sale,FLD and OFT
Total									

6.2. Performance of Instructional Farm (Crops)

Name Of the crop	Date of sowing	Date of harvest	Area (ha)	Details of production			Amount (Rs.)		Remarks
				Variety	Type of Produce	Qty.(q)	Cost of inputs	Gross income	
Paddy	30.06.2020	05.12.2020	5.8	Pooja,Hasant	Foundation seed	151.2	362072	491400	

6.3 Performance of Production Units (bio-agents / bio pesticides/ bio fertilizers etc.,)

Sl. No.	Name of the Product	Qty. (Kg)	Amount (Rs.)		Remarks
			Cost of inputs	Gross income	

1.	Vermi compost	1437	14620	21555	

6.4 Performance of instructional farm (livestock and fisheries production)

Sl. No	Name of the animal / bird / aquatics	Details of production			Amount (Rs.)		Remarks
		Breed	Type of Produce	Qty.	Cost of inputs	Gross income	
1.	Poultry	Kadaknatha, Assle, Kaberi, Vanaraj	21 days chicks	2775 nos	143516	189910	
2.	Poultry bird	Kadaknatha, Assle, Kaberi, Vanaraj	Meat	41.9 kg			
3.	Egg			1625 nos			
4.	Fish fry	IMC	Fry	15,33,00 nos	322541	425130	
5.	Fingerlings	IMC	Fingerlings	17000 nos			
6.	Fish	IMC	Fish	299 kg			
7.	Yearlings	IMC	Yearlings	100 kg			

6.5 Utilization of hostel facilities

Accommodation available (No. of beds)

Months	No. of trainees stayed	Trainee days (days stayed)	Reason for short fall (if any)
March	50	14	
Total :	50	14	

(For whole of the year)

6.6 Utilization of staff quarters

Whether staff quarters has been completed: Yes
No. of staff quarters: 06
Date of completion:

Occupancy details:

Months	Q I	QII	Q III	QIV	Q V	QVI

7 FINANCIAL PERFORMANCE

7.1. Details of KVK Bank accounts

Bank account	Name of the bank	Location	Account Number
Contingency	SBI, ADB, Mahisapat	At/Po. Amalapada, Dhenkanal	10700059409
Revolving fund	SBI, ADB, Mahisapat	At/Po. Amalapada, Dhenkanal	30306531704

7.2. Utilization of funds under CFLD on Oilseed *(Rs. In Lakhs)*

Item	Released by ICAR		Expenditure		Unspent balance as on -
	Kharif	Rabi	Kharif	Rabi	
Groundnut					
Sesamum					

7.3. Utilization of funds under CFLD on Pulses *(Rs. In Lakhs)*

Item	Released by ICAR		Expenditure		Unspent balance as on 1st April 2013
	Kharif	Rabi	Kharif	Rabi	
Blackgram					

2019.5. Utilization of KVK funds during the year 2020-21 (Not audited)

Sl. No.	Particulars	Sanctioned	Released	Expenditure
A. Recurring Contingencies				
1	Pay & Allowances	10300000		
2	Traveling allowances	100000	100000	95000
3	Contingencies			
A		1700000	158964	1450000
B				
C				
D				
E				

Sl. No.	Particulars	Sanctioned	Released	Expenditure
F				
G				
H				
I				
J	Swachhta Expenditure			
TOTAL (A)				
B. Non-Recurring Contingencies				
1		100000		
2				
3				
4				
TOTAL (B)				
C. REVOLVING FUND				
GRAND TOTAL (A+B+C)				

7.5. Status of revolving fund (Rs. in lakh) for last three years

Year	Opening balance as on 1st April	Income during the year	Expenditure during the year	Net balance in hand as on 1st April of each year (Kind + cash)
2015-16	24658	480495	327060	148447
2016-17	148447	370030	401604	0+401707 (kind)
2017-18	0	164835	156131	0
2018-19	0	353175	587201	165974+472836 (kind)
2019-20	164774	1257939	933811	488822
2020-21	488822	990345	864555	125790 + 491400 (kind)

7.6. (i) Number of SHGs formed by KVKs
(ii) Association of KVKs with SHGs formed by other organizations indicating the area of SHG activities
(iii) Details of marketing channels created for the SHGs

7.7. Joint activity carried out with line departments and ATMA

Name of activity	Number of activity	Season	With line department	With ATMA	With both

RE interface	6	Round the year	6		10
Joint verification	15	Round the year	15		5
DPR preparation	2	Round the year	2		5

8. Other information

8.1. Prevalent diseases in Crops

Name of the disease	Crop	Date of outbreak	Area affected (in ha)	% Commodity loss	Preventive measures taken for area (in ha)

8.2. Prevalent diseases in Livestock/Fishery

Name of the disease	Species affected	Date of outbreak	Number of death/ Morbidity rate (%)	Number of animals vaccinated	Preventive measures taken in pond (in ha)

9.1. Nehru Yuva Kendra (NYK) Training

Title of the training programme	Period		No. of the participant		Amount of Fund Received (Rs)
	From	To	M	F	

9.2. *mKisan* Portal (National Farmers' Portal/ SMS Portal)

Type of message	No. of messages	No. of farmers covered
Crop	23	
Livestock	11	
Fishery	1	
Weather		
Marketing		
Awareness		

Training information		
Other	6	
Total	41	45917

9.3. *KVK* Portal and Mobile App

Sl. No.	Particulars	Description
1.	No. of visitors visited the portal	
2.	No. of farmers registered in the portal	
3.	Mobile Apps developed by KVK	
4.	Name of the App	
5.	Language of the App	
6.	Meant for crop/ livestock/ fishery/ others	
7.	No. of times downloaded	

9.4. a. Observation of Swachh Bharat Programme

Date/ Duration of Observation	Activities undertaken

b. Details of Swachhta activities with expenditure

Activities	**Number**	**Expenditure (in Rs.)**
1. Digitization of office records/ e-office		
2. Basic maintenance	11	
3. Sanitation and SBM	4	
4. Cleaning and beautification of surrounding areas	9	
5. Vermicomposting/ Composting of biodegradable waste management & other activities on generate of wealth for waste		
6. Used water for agriculture/ horticulture application		
7. Swachhta Awareness at local level		
8. Swachhta Workshops		

9. Swachhta Pledge		
10. Display and Banner	5	
11. Foster healthy competition		
12. Involvement of print and electronic media		
13. Involving the farmers, farm women and village youth in the adopted villages (no of adopted village)	2	
14. No of Staff members involved in the activities	13	
15. No of VIP/VVIPs involved in the activities		
16. Any other specific activity (in details)		
Total		

9.5. Observation of National Science day

Date of Observation	Activities undertaken

9.6. Programme with Seema Suraksha Bal/ BSF

Title of Programme	Date	No. of participants

9.7. Agriculture Knowledge in rural school

Name and address of school	Date of visit to school	Areas covered	Teaching aids used

Give good quality 1-2 photograph(s)

9.8. Details of '*Pre-Rabi Campaign'* Programme

Date of programme	No. of Union Ministers attended the programme	No. of Hon'ble MPs (Loksabha/ Rajyasabha) participated	No. of State Govt. Ministers	Participants (No.)							Coverage by Door Darshan (Yes/No)	Coverage by other channels (Number)
				MLAs Attended the programme	Chairman ZilaPanchayat	Distt. Collector/ DM	Bank Officials	Farmers	Govt. Officials, PRI	Total		

									members etc.			

9.9. Details of Swachhta Hi Sewa programme organized

Sl. No.	Activity	No. of villages Involved	No. of Participants	No. of VIPs	Name (s) of VIP(s)
1	Cleaning of office campus		75		
2	Cleaning of demo unit		35		

9.10. Details of Mahila Kisan Divas programme organized

Sl. No.	Activity	No. of villages Involved	No. of Participants	No. of VIPs	Name (s) of VIP(s)
1	Training	2	25		

9.11. No. of Progressive/ Innovative/ Lead farmer identified (category wise)

Sl. No.	Name of Farmer	Address of the farmer with contact no.	Innovation/ Leading in enterprise
1	Sri Sudhakar Biswal	At. Kharidali, Po. Kutunia, Block – Hindol, Phone No. 9556816087	Leading enterprise Mushroom
2	Smt. Mina Rout,	At. Parbatia, Po. Sankarpur, Block – Sadar, Dist. Dhenkanal, Phone 9938368998	Leading enterprise Mushroom from crumpled straw
3	Sri Udit Bhanu Singh	At. Banamali Prasad, Po. Dhenkanal, Block – Sadar, Phone 7008933268	Leading enterprise IFS Model
4	Sri Chittaranjan Puhan	At. Harekrusnapur, Po. Nagiapasi, Block – Sadar, Dist. Dhenkanal, Phone 7978359471	Leading enterprise in Bee Keeping
5	Smt. Rasmita Swain	At./ PO, Sankulei, Block. Sadar, Dist. Dhenkanal, Phone 8338880137	Leading enterprise in Goatery

9.12. Revenue generation

Sl.No.	Name of Head	Income(Rs.)	Sponsoring agency
1.	Revolving Fund	990345	

9.13. Resource Generation:

Sl. No.	Name of the programme	Purpose of the programme	Sources of fund	Amount (Rs. lakhs)	Infrastructure created

9.14. Performance of Automatic Weather Station in KVK

Date of establishment	Source of funding i.e. IMD/ICAR/Others (pl. specify)	Present status of functioning

9.15. Contingent crop planning

Name of the state	Name of district/KVK	Thematic area	Number of programmes organized	Number of Farmers contacted	A brief about contingent plan executed by the KVK

10. Report on Cereal Systems Initiative for South Asia (CSISA)

a) Year:
b) Introduction / General Information:

	Title	Objective	Treatment details	Date of sowing	Replication	Result with photographs
Experiment 1						
Experiment 2						
Experiment 3						
…						
..						
Others (If any)						

11. Details of TSP

a. Achievements of physical output under TSP during 2017-18

Programmes	Physical achievements
Asset creation (Number; Sprayer, ridge maker, pump set, weeder etc.)	
On-farm trials (Number)	
Frontline demonstrations (Number)	
Farmers training (in lakh)	
Extension personnel training (in lakh)	
Participants in extension activities (in lakh)	
Seed production (in tonnes)	
Planting material production (in lakh)	
Livestock strains and fingerlings production (in lakh)	
Soil, water, plant, manures samples testing (in lakh)	
Provision of mobile agro – advisory to farmers (in lakh)	
No. of other programmes (Swachha Bharat Abhiyaan, Agriculture knowledge in rural school, Planting material distribution, Vaccination camp etc.)	

b. Fund received under TSP in 2020-21 (Rs. In lakh):

c. (i) Achievements of physical outcome under TSP during 2020-21

Sl. No.	Description	Unit	Achievements
1	Change in family income	%	
2	Change in family consumption level	%	
3	Change in availability of agricultural implements/ tools etc.	No. per household	

(ii) Table:

Sl. No.	*Description*	*Unit*	*Achievements*
1	Number of Technologies Identified after Assessment	Number	
2	Upgraded Skills and Knowledge of farmers	Number	
3	Oriented extension personnel in frontier areas of agricultural technology	Number	
4	Increased availability of quality seed	Quintal	
5	Increased availability of quality Planting material	Number	
6	Increased availability of live-stock strains and fingerlings	Number	
7	Testing of Soil & water samples for balance fertilizer use	Number	

d. Location and Beneficiary Details during 2020-21

District	*Sub-district*	*No. of Village covered*	*Name of village(s) covered*	*ST population benefitted (No.)*		
				M	F	T

12. Schedule caste Output & Outcome achievements

Sl. No.	Indicator/Activities	Unit of Indicator	Achievements
1	Farmers, farm women trained by KVKs	Number	
2	Extension personnel trained by KVKs	Number	
3	On-farm trials conducted by KVKs	Number	
4	Frontline demonstrations conducted by KVKs	Number	
5	Quantity of seeds produced	Quintal	
6	Planting materials Produced	Number	
7	Livestock strains and fingerlings produced	Number	
8	Soil & water samples tested	Number	

13. Information pertaining to ARYA Project

2020-21							
Name of KVK	Year since ARYA is initiated in the KVK (specify year)	No. of Training programs	No. of rural youth trained		No. of youth established units		No. of entrepreneurial units established
			M	**F**	**M**	**F**	

14. Progress report of NICRA KVK (Technology Demonstration component) during the period
(Applicable for KVKs identified under NICRA)

Natural Resource Management

Name of intervention undertaken	Numbers under taken	No of units	Area (ha)	No of farmers covered / benefitted									Remarks
				SC		ST		Other		Total			
				M	F	M	F	M	F	M	F	T	

Crop Management

Name of intervention undertaken	Area (ha)	No of farmers covered / benefitted									Remarks
		SC		ST		Other		Total			
		M	F	M	F	M	F	M	F	T	

Livestock and fisheries

Name of intervention undertaken	Number of animals covered	No of units	Area (ha)	No of farmers covered / benefitted									Remarks
				SC		ST		Other		Total			
				M	F	M	F	M	F	M	F	T	

Institutional interventions

Name of intervention undertaken	No of units	Area (ha)	No of farmers covered / benefitted									Remarks
			SC		ST		Other		Total			
			M	F	M	F	M	F	M	F	T	

Capacity building

Thematic area	No of Courses	No of beneficiaries								
		SC		ST		Other		Total		
		M	F	M	F	M	F	M	F	T

Extension activities

Thematic area	No of activities	No of beneficiaries								
		SC		ST		Other		Total		
		M	F	M	F	M	F	M	F	T

Detailed report should be provided in the circulated Performa

15. Awards/Recognition received by the KVK

Sl. No.	Name of the Award	Year	Conferring Authority	Amount	Purpose
1	Best KVK Award	2020	Odisha University of Agriculture and Technology		

Award received by Farmers from the KVK district

Sl. No.	Name of the Award	Name of the Farmer	Year	Conferring Authority	Amount	Purpose
1	Progressive farmer	Sri Nilamani Rout	2020	OUAT		

16. Any significant achievement of the KVK with facts and figures as well as quality photograph

17. Number of commodity based organizations/ farmers' cooperative society/ FPO formed/ associated with during last one year (Details of the group/society may be indicated)

Sl. No.	Name of the organization/ Society	Trust Deed No.& date	Date of Trust Registration Address	Proposed Activity	Commodity Identified	No. of Members	Financial position (Rupees in lakh)	Success indicator

18. Integrated Farming System (IFS)

Details of KVK Demo. Unit

Sl. No.	Module details (Component-wise)	Area under IFS (ha)	Production (Commodity-wise)	Cost of production in Rs. (Component-wise)	Value realized in Rs. (Commodity-wise)	No. of farmer adopted practicing IFS	% Change in adoption during the year

19.Technologies for Doubling Farmers' Income

Sl. No.	Name of the Technology	Brief Details of Technology (3- 5 bullet points)	Net Return to the farmer (Rs.) per ha per year due to adoption of the technology	No. of farmers adopted the technology in the district	One high resolution 'Photo' in 'jpg' format for each technology
1					

20.Report on Digital Farming Initiatives in Agriculture/ Digital Ag. Extension Service

	Database prepared/ covered for		KVK level Committee		Various activity conducted for farmers
Phase	Total no. of villages	Total no. of farmers	Date of formation	Name of members	
I (up-to 15.03.2018)					
II (up-to 24.04.218)					
Total					

21.Information on Visit of VIPs to KVKs, if any

Date of Visit	Name of Hon'ble Minister	Name of Ministry	Salient points in his/ her observation (2-3 bulleted points)

22.a) Information on **ASCI** Skill Development Training Programme, if undertaken during 2019-20 and 2020-21

Year	Name of the Job role	Name of the certified Trainer of KVK for the Job role	Date of start of training	Date of completion of training	No. of participants	Whether uploaded to SDMS Portal (Y/N)	Fund utilized for the training (Rs.)
2016-17							
2017-18							
2018-19							
2019-20							

b) Information on Skill Development Training Programme (**Other than ASCI or less than 200 hrs**., if any) if undertaken during 2020-21

Thematic area of training	Title of the training	Duration (in hrs.)	No. of participants									Fund utilized for the training (Rs.)
			SC		ST		Other		Total			
			M	F	M	F	M	F	M	F	T	
Bee Keeping	Scientific Bee keeping	84	2	0	0	0	44	4	46	4	50	330500

23. Information on NARI Project (if applicable)

Name of Nodal Officer	No. of OFT on specified aspects	Title(s) of OFT	No. of FLD on specified aspects	No. of capacity development programme on	Total no. of farm women/ girls involved in the project	Details of Issues related to gender mainstreaming addressed through the

				specified aspects		project

24. Information on Krishi Kalyan Abhiyan Phase- I/ Phase-II/ Phase-III, if applicable

Krishi Kalyan Abhiyan- I and II

A. Training

Name of programme	***No. of programmes***	***No. of farmers benefitted***									***No. of officials attended the programme***
		SC		**ST**		**Others**		**Total**			
		M	**F**	**M**	**F**	**M**	**F**	**M**	**F**	**T**	
KKA-I											
KKA-II											

B. Distribution of seed/ planting materials/ input/ others

Name of programme	***No. of Programme***	***Total quantity distributed***				***No. of farmers benefited***									***No. of other officials (except KVK) attended the programme***
		Seed (q)	***Planting material (lakh)***	***Input (kg)***	***Other (kg/ No.)***	***SC***		***ST***		***Others***		***Total***			
						M	***F***	***M***	***F***	***M***	***F***	***M***	***F***	***T***	
KKA-I															
KKA-II															

C. Livestock and Fishery related activities

Name of programme	*No. of Programme*	*Activities performed*				*No. of farmers benefited*									*No. of other officials (except KVK) attended the programme*
		No. of animals vaccinated	*No. of animals dewormed*	*Feed/ nutrient supplements provided (kg)*	*Any other (Distribution of animals/ birds/ fingerlings) [No.]*	*SC*		*ST*		*Others*		*Total*			
						M	*F*	*M*	*F*	*M*	*F*	*M*	*F*	*T*	
KKA-I															
KKA-II															

D. Other activities

Name of programme	*Activities*	*No. of farmers benefited*									*No. of other officials (except KVK) attended the programme*
		SC		*ST*		*Others*		*Total*			
		M	*F*	*M*	*F*	*M*	*F*	*M*	*F*	T	
KKA-I	Soil Health Card Distributed										
	NADEP Pit established										
	Farm implements distributed										
	Others, if any										
KKA-II	Soil Health Card Distributed										
	NADEP Pit established										
	Farm implements distributed										
	Others, if any										

Krishi Kalyan Abhiyan- III

No. of villages covered	*No. of animal inseminated*	*No. of farmers benefitted*									*Any other, if any (pl. specify)*
		SC		*ST*		*Others*		*Total*			
		M	*F*	*M*	*F*	*M*	*F*	*M*	*F*	T	

25. Nutri-garden

Sl.no.	Name of KVK	Established in KVK Campus	No. of nutria-garden established in the village	Major vegetables production
1	Dhenkanal	2020	31	Brinja, tomato, cowpea, leafy vegetable, drumstick, papaya, carrot etc.

Please provide one or two good quality photographs

26. Any other programme organized by KVK, not covered above
Biotech Kisan Project

Sl. No.	Name of the programme	Date of the programme	Venue	Purpose	No. of participants

1	Scientific mushroom production	18.1.21 to 22.1.21	KVK	Livelihood support	20
2	Quality seed and planting material production	8.2.21 to 12.2.21	KVK	Livelihood support	20
3	Production technology for commercial vegetables	8.2.21 to 12.2.21	KVK	Livelihood support	20
4	Backyard poultry farming for income generation of farmers and farm women	3.3.21 to 7.3.21	KVK	Livelihood support	20
5	Commercial goat farming	15.3.21 to 19.3.21	KVK	Livelihood support	20

27.Good quality action photographs of overall achievements of KVK during the year (best 10)

<table>
<tr><td>  </td><td>  </td><td>  </td></tr>
<tr><td>Assessment of Marigold varieties</td><td>Assessment on Packaging practices of V.Volvacea</td><td>Assessment on integrated management practices of neck blast in rice</td></tr>
<tr><td>  </td><td>  </td><td>  </td></tr>
<tr><td>FLD on Production of molasses from plam sap</td><td>FLD on Probiotic supplementation on milk yield of cross bred cattle</td><td>FLD on Jayanti rohu</td></tr>
</table>

		
Mask distribution	***Farmers Scientist interaction***	***Best KVK Award 2020***

28. SC SP quarter-wise

Table-I: Schedule Caste Output & Outcome Achievement/Indicators for 2020-21 (QUARTER-WISE)

Physical Output 2020-2021

Sl. No.	Indicator/Activities	Unit of Indicator	Quarterly Breakup (Target)	Targets Achieved	No. of Beneficiaries	Outcome
1	**Farmers, farm women trained by KVKs**	**Number**	Q-1 Q-2 Q-3 Q-4	Q-1 - 1 Q-2 - 2 Q-3 - 3 Q-4 - 6	Q-1 - 25 Q-2 - 50 Q-3 - 75 Q-4 - 150	
2	**Extension personnel trained by KVKs**	**Number**	Q-1 Q-2 Q-3 Q-4	Q-1 - 0 Q-2 - 1 Q-3 - 1 Q-4 - 1	Q-1 - 0 Q-2 - 20 Q-3 - 15 Q-4 - 15	
3	**On-farm trials conducted by KVKs**	**Number**	Q-1 Q-2 Q-3 Q-4	Q-1 - Q-2 - Q-3 - 1 Q-4 - 1	Q-1 - Q-2 - Q-3 - 7 Q-4 - 7	
4	**Frontline demonstrations conducted by KVKs**	**Number**	Q-1 Q-2 Q-3 Q-4	Q-1 - Q-2 - 1 Q-3 – 2 Q-4 - 2	Q-1 - Q-2 - 10 Q-3 – 20 Q-4 - 20	
5	**Quantity of seeds produced**	**Quintal**	Q-1 Q-2 Q-3 Q-4	Q-1 Q-2 Q-3 Q-4	Q-1 Q-2 Q-3 Q-4	
6	**Planting materials Produced**	**Number**	Q-1	Q-1	Q-1	

Sl. No.	Indicator/Activities	Unit of Indicator	Quarterly Breakup (Target)	Targets Achieved	No. of Beneficiaries	Outcome
			Q-2 Q-3 Q-4	Q-2 Q-3 Q-4	Q-2 Q-3 Q-4	
7	**Livestock strains and fingerlings produced**	**Number**	Q-1 Q-2 Q-3 Q-4	Q-1 Q-2 Q-3 Q-4	Q-1 Q-2 Q-3 Q-4	
8	**Soil & water samples tested**	**Number**	Q-1 Q-2 Q-3 Q-4	Q-1 Q-2 - 9 Q-3 - 10 Q-4 - 17	Q-1 - Q-2 - 9 Q-3 - 10 Q-4 - 17	