

ANNUAL REPORT
ATTRACTING AND RETAINING YOUTH IN AGRICULTURE (ARYA), ICAR
2022-23



Krishi Vigyan Kendra (KVK), Puri
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Annual Report for 2022-23

(A) Introduction-

Puri, the abode of 'Lord Jagannath' and enriched cultural heritage with sculpture of excellence and the black Pagoda 'Konark' makes the state of Odisha famous in the world. Krishi Vigyan Kendra Puri was established in August, 2006. It comes under the East and South East Coastal Plain zone of Odisha. KVK Puri has been extending technical support to the farming community by conducting need based location specific trials, demonstrations trainings and other extension activities. The major focus is for doubling farmers' income by decreasing production cost, popularizing resource conservation practices and promotion of entrepreneurship in different enterprises.

1. Project Initiation:

In the recent scenario there is serious concern regarding unemployment of rural youths directly influencing their migration from rural areas. The promotion of agri-enterprises will not only generate employment opportunity but also at the same time would provide support to the livelihood of the farmers. The ARYA Project is an attempt to arrest the migration and develop entrepreneurs of different enterprises. The project was initiated in Puri district of Odisha during the year 2018-19.

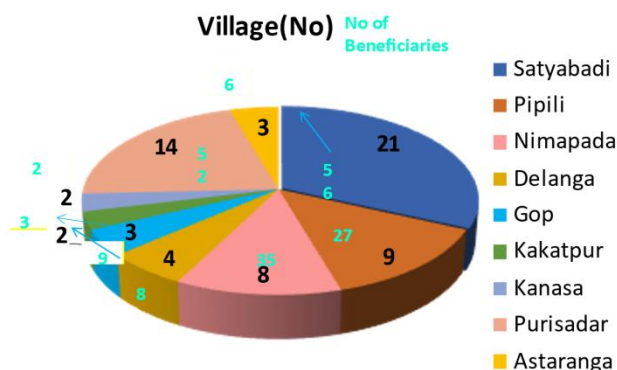
2. Objective:

- To attract and empower the Youth in Rural Areas to take up various Agriculture, allied and service sector enterprises for sustainable income and gainful employment in Puri district.
- To enable the Farm Youth to establish network groups to take up resource and capital-intensive activities like processing, value addition and marketing.
- To demonstrate functional linkage with different institutions and stakeholders for convergence of opportunities available under various schemes/program for sustainable development of youth.
- To develop entrepreneurs those act as brand ambassador for these identified enterprises for further up-scaling.
- To establish Models of agro-entrepreneurship which influence the unemployed youth to adopt new technology

(B) Name of ARYA villages**Table-1**

Sl. No .	Established enterprise	Name of ARYA village	Beneficiaries (No)
1	Mushroom	Sanabhimadaspura, TalapatanaKanhupur, JipurSinghakuda ,Bastapada , Itatali, Chandrabrahmapur , Bhutpada,BhagalpurBiswanathapur, Mathasahi, Block-Satyabadi Suhagpur, Maharipokhari Block-Pipili Tulashichura, Gopinathpur Block-Puri Sadar Resinga Block-Nimapada Gobindapur,Block-Deleanga Raulapatana-Block-Gop Madhupur-Block-Astaranga	50
2	Fish production with fish seed	Billipada,Singhbrahmapur,Janakideipur,Dalabhanapur,Akhupada,Sundara, Charishra,Paikarapur,Bijayaramchandrapur, Balipada,Biranarasinghpur,Birakesharipur, Dahan Kanalpada, Samakula,Basantapur Blocks- Satyabadi, Puri Sadar, Delanga, Gop, Nimapada,Kanas	46
3	Apiary	Dubduba, Panchukera, Jayapur, Nuasahi, Panakera, Nahala, Padmapur, Madhipur, Balikud, Muninda, Badakanjia, Block-Satyabadi Dalabhanapur,Gadatoriha Block-Nimapada Gobind pur,Block-Delanga Ankia, Bira narasinghpur,Randio Block-Puri Sadar Abalapur, Barundi, Podagun,Uttarbada Block-Pipili Dahikia, Block-Kakatpur	48
4	Poultry	Taraboisan,sanabhimdasapur, Gadachandapur,Talapada, jayapur, bharatipur,Raisha, Bangurusha, Hasanpur, Katunia,Gadatotihan,Gadabadaput, Resinga, Samakula, ,Talajanag, Kumbharpada, Bhagabansundara, Pattnaikia, Narasinghpur, Gadasanaput,Gadapadanpur, Arola Blocks –Nimapada ,Puri Sadar, Gop, Satyabadi & Kanasa	39

Project area : Location of 4 enterprises in different blocks of district



Selected 183 Youths in cluster approach in Satyabadi, Gop, Delanga, Pipili, Astaranga, Kanasa & Nimapada Block

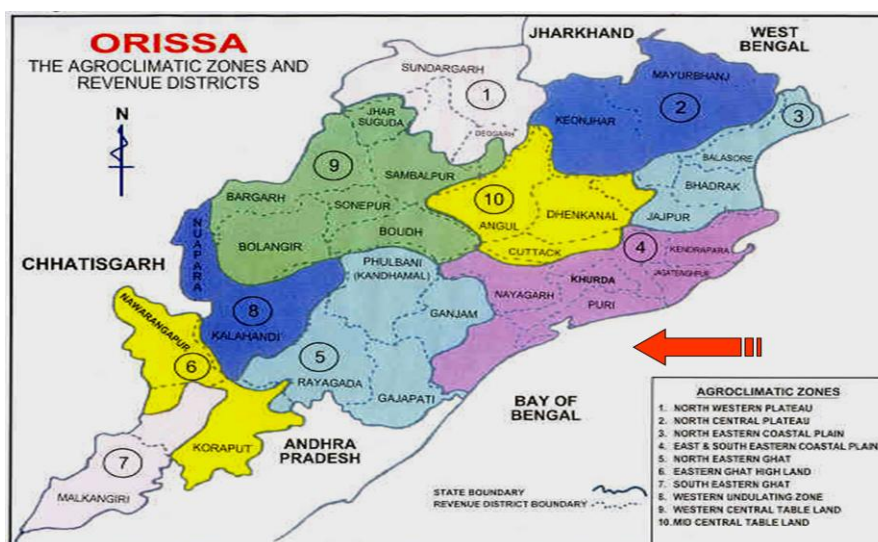
(C) KVK PURI

1. District Profile

i. Agro-climatic zone:

Puri is a coastal district of state Odisha, India. It is popularly known for lord Jagannath and Black Pagoda “The Sun Temple”. Puri district is otherwise known as sankhkhethra. It coming under East & South Eastern Coastal Plains Agro-climatic Zone including Kendrapara, Khurda, Jagatsinghpur, part of Cuttack, Nayagarh& part of Ganjam. There are 11 blocks in puri districts: Astarang, Brahmagiri, Delang, Gop, Kakatpur, Kanas, Krushnaprasad, Nimapada, Pipili, Puri sadar and Satyabadi.

ii. An administrative map (colored)of the State indicating the location of the district.



iii. Geographical Location of the District:

This District derives its name from the heritage city of Puri, one of the four pilgrimage centers of India covering an area of 3051 sq/km. It is also located at 19° 28' N Latitude 26° 35' N, 84° 29' E. Longitude 86° 25' E. Its altitude is at sea level. The population of the district is 16, 98, and 730 (as per 2011 Census) and the density of population is 488 people per sq. km. The rural population is 14, 33,800 and the urban, 2, 64,930. SC population is 3, 25, 133 and ST is 4, 482. The district is quite literate in the sense that its literates' number 1, 291,939 as against the illiterates numbering 4, 06, 791. Paddy, wheat, mung, biri, kulthi and groundnut are some of the major crops grown in the district.

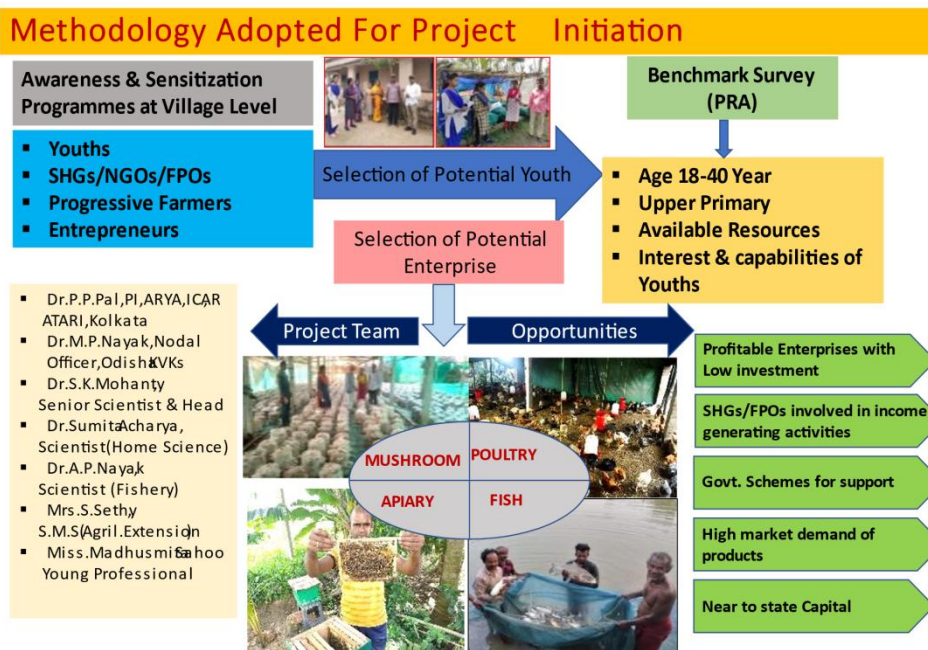
Demographic status (2011 Senses)

Total population	1697983
Male	865209(50.96%)
Female	832774(49.04%)
Sex ratio	963 (Female per ,000 male)
Population density	488
Literacy rate (%)	84.67
Male Literacy (%)	90.85
Female Literacy (%)	78.28
No. of farm families	148935
Small farmer	40487
Marginal farmer	97439
Big farmer	2073

Basic agricultural information

Agro-climatic Zone	Agro ecological situation
East and South Eastern Coastal Plain Zone	1. Coastal Alluvial Command 2. Coastal Alluvial Non-command 3. Coastal Alluvial Saline 4. Rainfed Laterite 5. Rainfed Red and Laterite
Annual Av. Rainfall (mm)	1408.8mm.
Soil type	Red, laterite, brown forest, alluvial and saline
Total Geographical area	348102 ha
Farming situation	Rainfed and irrigated
Cropping system	Rice-Rice, Rice- Pulse, Rice- Oilseed, Rice-Vegetables, Fallow-Rice
Major Crop/ enterprise	Rice, Blackgram, Greengram, Groundnut, Betel vine, Coconut, Vegetables, Fish, Mushroom, Dairy, Poultry
Irrigation potential Kharif ('000ha) Rabi ('000ha)	116.08 (61.5%) 76.715(40.64%)

2. Identification of youth



- ❖ Identification of villages was made through diagnostic field visits and contact with key farmers, entrepreneurs, krushaksathi, input dealers, mushroom federation, fish growers association, ARD & other line departments.
- ❖ Assessed the existing market supply chain in the district and finally four enterprises namely Mushroom, Fishery, Apiary and Poultry were selected.
- ❖ Focus Group Discussion with farmers & more specifically rural youths of the enterprises selected under the project in their village.
- ❖ Collection of Basic Information of youths using interview schedule was done.
- ❖ Successful entrepreneurs were invited to share their experiences in the Inception workshop.
- ❖ Discussed about scope, opportunity and challenges of each enterprise in the Inception workshop by doing some group exercises.

3. Name of cooperating Institutions for technical support

- ICAR-Agricultural Technology Application Research Institute, **Kolkata** (Zone-V)
- ICAR, Indian Institute of Water Management, Bhubaneswar
- Central Institute for Women in Agriculture (ICAR-CIWA), Bhubaneswar
- Central Institute of Freshwater Aquaculture (CIFA), ICAR, Bhubaneswar
- Centre for Tropical Mushroom Research and Training (CTMRT)., Odisha
- University of Agriculture and Technology (OUAT), Bhubaneswar
- Central Poultry Development Organization, Intensive Poultry Development Project, Bhubaneswar
- All India Coordinated Research Projects on Honey Bees & Pollinator, OUAT, Bhubaneswar
- National Bank for Agriculture and Rural Development (NABARD), Puri
- Animal Husbandry Department, Puri

- District Agriculture Office, Puri
- Horticulture Department, Puri
- Fishery Department, Puri
- Agricultural Technology Management Agency (ATMA), Puri
- Agricultural Promotion & Investment Corporation of Odisha Limited (APICOL)

4. Enterprise details (For each enterprise)-

i. Detail description

Enterprise Domain- Mushroom

- Spread in Area / No. Commercial growers- 400 Nos.
- **Production**-Paddy Straw Mushroom-29242 q/yr
- Oyster Mushroom-14648 q/yr
- Total Production-43890 q/yr
- **Strength:** Large no. of mushroom growers, 54 nos. of spawn units, Availability of bundle straw, Congenial climatic condition, Existence of KVK in the district.
- **Opportunities:** Coconut orchard (9990 ha), Nearer to Capital of Odisha, promotion of mushroom enterprises through Govt. Schemes, Easy access to CTMRT, OUAT, Bhubaneswar.
- **Entrepreneurial activities:** Mushroom Production, Spawn production, Postharvest management & marketing, Service provider, Value addition of mushroom.

Enterprise domain: Poultry production

- Spread in No. - 975430
- **Production**-0.45TMT
- **Strength:** SHG, KVK, Landless/Marginal farmers, Functional Hatchery unit-1
- **Opportunities:** CPDO, IPDP Bhubaneswar
- **Entrepreneurial activities:** Hatchery, Input services, Poultry production, service provider (Paravet), Marketing of birds.

Enterprise Domain- Apiary

- Spread in No. –30 Entrepreneurs
- Production-22q
- **Strength:** AICRP honey bee, CDB, KVK, existence of Flora & Fauna
- **Opportunities:** Govt. schemes to promote bee cultivation in the district, high market demand,
- **Entrepreneurial activities:** Input, Technology, Production, Processing and marketing

Enterprise Domain- Fish production with fish seed

- Spread in Area – 5323 ha
- **Production-** 20583.5 MT
- **Strength:** lowland 70%, CIFA, annual rainfall, more no of perennial ponds, existence of KVK, Co-ordination with stakeholders
- **Opportunities:** nearer to capital, govt schemes, high market demand,
- **Entrepreneurial activities:** Spawn production, Input supplier, Yearling Production, Marketing, Service provider

ii. Input /Support provided to youth groups

Enterprise-Mushroom

Sl. No	No. of Youths	Input Support
2019-20	5	Heating sealing machine, plastic tray, digital hygrometer, polythene, sprayer, digital weighing machine, Manual chaff cutter with stand, Aluminium tray, plastic crate, mushroom spawn, paper bag, Paddy straw bundle cutter (03), Shed net
2020-21	10	Vermibed, Watering Can, Spawn Unit (1), Processing Unit (1)
2021-22	12	
2022-23	05	Spawn Unit (1), Chaff Cutter (02) Paddy Straw Bundle Cutter (03)







Photographs:

		
Mushroom Spawn, Shed net	Paddy Straw Bundle Cutter	Vermibed
		
Chaff Cutter for Oyster	Processing Unit	Mushroom Spawn Unit

Enterprise: Poultry production

Year	No. of Youths	Input Support
2019-20	05	Chicks, feeder, drinker, plastic stand, Chick guard feed, medicine, brooder, Azolla Bed, Azolla Hatchery Unit (1)
2020-21	10	
2021-22	15	
2022-23	03	Hatchery Unit (2), Insulated Vaccine Carrier (30), Mini Pelletizer feed plant (1), Feeder (15), Drinker (15), Chick guard with stand (6)

Photographs:

		
Feeder, drinker, feed	Chick guard	Medicines, Vaccination
		
Hatchery Unit Inputs	Inverter for power back-up to the hatchery	Vaccine carrier

Enterprise- Apiary

Year	No. of Youths	Input Support
2019-20	5	Bee colony, bee box, Stand, smoker, bee veil, queen gate, extractor, separator, planner, grinder, nucleus box, stand, inner cover, foil sealing machine, drill, wood cutter, vile clamp, Planner.
2020-21	10	
2021-22	15	
2022-23	10	Wood cutter, drill, Sander, Planner. Bee box, Stand, nucleus box, Bee Veil, Plastic Honey Comb

Photographs:



Bee Box, Smoker, Bee Veil, Queen Gate, Honey Extractor



Planner, Wood Cutter, Drill, Vile Clamp



Nucleus Box, Stand



Aluminium foil sealing machine

Enterprise- Fish production with fish seed

Year	No. of Youths	Input Support
2019-20	5	Fry drag net, plankton net, water & Soil test kit, fry condition & outer hapa
2020-21	10	Fingerlings of Indian major carp
2021-22	15	Pump set, 4 layered plastic water storage tank, oxygen cylinder, fingerlings, feed grinding machine, gunny bag closure machine
2022-23		Oxygen cylinder, 3 HP Self priming, monobloc water pump, Plastic Crate, Mini pelletizer plant, Live fish transport device

Photographs:

		
Fry drag net, hapa & water and soil test kits	2T Water storage tank with O₂ cylinder (Live-fish transport device)	Supply of Fingerlings
		
Feed Pulveriser	Plastic crates	Self-priming water pump

iii. Progress made

Table-2

Enterprise name	No. of youth involved	Unit/No.	Measurable indicators of output in suitable unit		% increase	Economic of enterprise		
			Before adopting ARYA	After Adopting ARYA		Gross Cost	Net Return	BC R
Mushroom	50	30 Units Established	Avg. No. of Beds /yr-2000 Nos.	1000 sq. ft (Paddy Straw Mushroom (500 Beds)-21 days/cycle -for 10 months Oyster mushroom (300 Bags)-2 months/cycle throughout	150	Paddy straw mushroom for 10 months - Rs.3,50,000/- Oyster Mushroom for 2 months - Rs.10,5	Paddy straw mushroom for 10 months - Rs.1,90,000 Oyster Mushroom for 3 months - Rs.37,500	2.58

				the year)		00/-		
			Avg. Annual Production-1400kg	Avg. Annual Production -4500kg	221			
			Avg. Production/ Bed-0.708kg	Avg. Production / Bed-0.9kg	28.57			
			Avg. Employment Generation/ annum-160	Avg. Employment Generation/ annum-300	87.5			
			Avg. Gross Income per annum-Rs.1,68,000	Avg. Gross Income per annum-Rs.5,88,000	250			
Poultry	39	25Units Established	Avg. body weight Banaraja-1.9Kg	Avg. body weight Banaraja-2.25Kg	Banaraja-18.4	Banaraja-57,525	Banaraja-44,870	1.78
			Avg. body weight Kadaknath-1.45Kg	Avg. body weight Kadaknath-1.75 Kg	Kadaknath-20.7	Kadaknath—1,00,700	kadaknath -99,800	1.99
			Mortality rate -12%	Mortality rate -10%	-16.66	-	-	-
			Avg. Gross Income per annum-Banaraj-53040 Kadaknath-65625	Avg. Gross Income per annum-Banaraj-1,02,395 Kadaknath-2,00,500	-	-	-	-
Apiary	48	30Units Established	Additional Employment Generation/yr -12	Additional Employment Generation/yr-27	125	Rs.40000 Avg. Boxes/ Unit-10 Nos. (Support from Project -	Rs.27,000/-	1.88
			Avg. Honey Production/Box-3 kg	Avg. Honey Production /Box-4.5 kg Bee Colony-2	75			

				Nos./Box		Rs.16000 & own investment Rs.24000)		
			Additional GrossIncome -Rs.1800/Box	Additional GrossIncome- Rs.5100/box	183			
Fish production with fish seed	30	55 Units Established	Avg. body weight of fish (kg) – 0.520	Avg. body weight of fish (kg) – 0.830	59.61	Rs 1,97,600/ha/year	Rs 2,58,900/ha/year	2.31
			Avg. fish production (qtl/ha/year) – 28.75	Avg. fish production (qtl/ha/year) – 41.50	44.34			
			Avg. Gross Return (Rs/ha/year) – 2,87,500	Avg. Gross Return (Rs/ha/year) – 4,56,500	58.78			
			Avg. employment generation per annum - 97	Avg. employment generation per annum - 123	26.80			

Photographs of KVK Interventions

		
Use of shade net and rack system for PSM cultivation	Oyster Mushroom Unit in winter	Vermicompost from spent Mushroom Substrate
		
Scientist Visit to Poultry Unit of Gurjit		Poultry unit of Sujit Nanda

		
Regular Supervision by Service Providers	Skill on Bee Colony Division	Establishment of Input Supply Unit
		
Transportation of live fish yearlings by using water storage tank & O₂ cylinder	Production of stunted fingerlings & yearlings round the year	Establishment of a Mash Fish Feed Mill

iv. **Name of youths involved**
Table-3

Sl.N o.	Name of the Youth	Address	Age	Qualification	Mobile No.
Enterprise -Mushroom					
1	Manoj kumar Behera	At- sanabhimadasapur, block-satyabadi	37	10th	9937130988
2	Ranjan Behera	At- Sanabhimadasapura, Block-Satyabadi	35	10th	9938867834
3	Kamalini Rout	At-Bhut pada,Block-Satyabadi	33	7th	7735853367
4	Sujata Swain	At-Bhut pada,Block-Satyabadi	32	9th	7008828370
5	Renubala Das	At-Tulashichura,Block-Puri Sadra	40	Graduation	7978661280
6	Binapani Behera	At-Jipur,Block-Satyabadi	37	7th	9668462128
7	Satyabhama Bastia	At-Suhagpur,Block-Pipili	22	Graduation	7008826063
8	Rasmita Patra	At-Resinga,Block-	37	10th	9937379741

		Nimapada			
9	RadheyaBhoi	At- Chandrabrahmapur,Block-Satyabadi	31	9th	7653056906
10	Rajkishor Sethi	At- Chandrabrahmapur,Block-Satyabadi	29	10th, Diploma,IIT	6371006451
11	Mana ranjan Barik	At- Chandrabrahmapur,Block-Satyabadi	29	12th	9348961875
12	Priya krushna Das	At-Itatali,Block-Satyabadi	26	10th	7684051054
13	Kurshanchandra Pradhan	At- Kanhupur,Block-Satyabadi	39	8th	8018128530
14	Niranjana Majhi	At-Talapatana,Block-Satyabadi	40	12th	7978775178
15	Tapas kumar Behera	At- Kanhupur, Block-Satyabadi	20	12th	6371145540
16	Sardhanjali Gil	At-Kanhupur,Block-Satyabadi	32	10th	8658098875
17	Damburudhar Behera	At-Kanhupur,Block-Satyabadi	25	10th	8117024243
18	Pratap Behera	At-Kanhupur,Block-Satyabadi	36	8th	9938518823
19	Sadashib Behera	At-Sanabhimadaspura, Block-Satyabadi	36	10th	9937325522
20	Sudarsan Das	At-Gobindapur,Block-Deleanga	38	10th	8658734100
21	Purnachandra Behera	At-Sanabhimadaspura, Block-Satyabadi	33	10th	8917387010
22	Aswini Baral	At-Balikuda,Block-Satyabadi	37	12th	8337993108
23	Satyabrat Sahoo	At-Sanabhimadaspura, Block-Satyabadi	30	10th	8249912462
24	Debendra Jena	At-Gopinathpur,Block-Puri Sadar	20	12th	9337788213
25	Pimku Pradhan	At-Gopinathpur,Block-	20	12th	9861818928
26	Pradeep Biswal	At-Singhakuda,Block-Satyabadi	38	4th	7894052768
27	Suryakanta Patra	At-Bastapada, Block-Satyabadi	30	9th	7077787174
28	Karttik Behera	At-Jipur,Block-Satyabadi	27	10th	6371285818
29	Chhabi Bhoi	At-Biswanathapur, Block-Satyabadi	25	10th	8917374684
30	Narandra Behera	At-Maharipokhari, Block-Pipili	36	10th	9938139144
31	GyanaranjanDas	Raulapatna, Konark	25	Graduation	6370121153
32	RenubalaPattnaik	Sanabhimdaspur, Satyabadi	37	12th	9439363678
33	Pravanjan Nayak	Madhupur, Astaranga	35	12th	9777245350
34	Biswajit Ghadei	Subarnapur,othaka	24	10th	8117867040
35	Anil Sethy	Chandrabrahmapur, Satyabadi	24	Graduation	9776239161
36	Annapurna	Mulaalasa,	32	+2	9938116937

	Pradhan	Satyabadi			
37	Pravasini Dei	Nanpur, teisipur	28	Graduation	9777547102
38	Pratap kumar Parida	Mathasahi, sriramchandrapur	32	10th	9348740594
39	Sukanta swain	Bagalpur, Satyabadi	34	+2	9348491616
40	Mahabir Swain	Bagalpur, Satyabadi	26	Graduation	8144515436
41	Prashant kumar Sethy	Bhutupada, Satyabadi	32	10th	7504062725
42	Ratnakar Kandi	Pattajoshi pur, Puri Sadar	36	10th	9348241053
43	Ruksana Nayak	Haragaurisahi Puri Sadar	32	Graduation	9768524605
44	Parsuram Baral	At-Kanhupur, Block-Satyabadi	38	10th	7692637675
45	Kahnu Charan Bhoi	Pattajoshi pur, Puri Sadar	28	Graduation	9348952818
46	Sarbeswar Swain	Dhol Biramchandrapur Puri Sadar	34	10th	6370501007
47	Jitendra Swain	Kalikhara Puri Sadar	36	10th	6371704034
48	Milimani Swain	Nua Bhagalpur Satyabadi	30	Graduation	9337130346
49	Karan Bhoi	Pattajoshi pur, Puri Sadar	40	10th	6372446322
50	Keshab Swain	Biramchandrapur Puri Sadar	29	+2	9861859206
Enterprise- Poultry					
1	Tapan Kumar Behera	At-Godpadanpur, Block-Kantunia	35	10th	9556909081
2	Prashantakumar Patra	At-Gadatorihan, Block-Nimapada	23	10th	6371588434
3	Dipti ranjan Chhatoi	At-Badasiribila, Block-Puri	38	10th	6372874418
4	Sudiptarani Patra	At-Gadasahi, Block-Puri	21	12th	8658205033
5	Santosh Kumar patra	At-Garhtorinha, Block-Nimapara	21	10th	7682893580
6	Rupali Patra	At-Gadatorihan, Block-Nimapara	29	12th	9937703801
7	Rajalaxmi Mohanty	At-Bhanapur, Block-Nimapara	40	12th	9861313681
8	Sangaram Kishore Patra	At-Resinga, Block-Nimapara	39	Graduation	9937741915
9	Pravati Pradhan	At-Arola, Block-Puri sadar	34	7th	7684883173
10	Salima Pradhan	At-Arola, Block-Puri sadar	26	10th	8144783885
11	Mitali pradhan	At-Arolapatana, Block-Puri sadar	34	9th	6371930811
12	Rina Pradhan	At-Arolapatana, Block-Puri sadar	34	5th	9937782351
13	Gitanjali Pradhan	At-Arolapatana, Block-Puri sadar	27	5th	8144391411
14	Digambar	At-Arolapatana, Block-	34	10th	9937782351

	Pradhan	Puri sadar			
15	Prasanta Rout	At-Arolapatana,Block-Puri sadar	32	9th	6372798943
16	PrathaSarathi Behera	At-Shyamakula,Block-Gop	25	12th	7326866423
17	Subhransu Behera	At-Shyamakula, Block-Gop	19	12th	9348219054
18	Subhransu Sekhar Nayak	At-Shyamakula,Block-Gop	19	12th	7684039988
19	Puspanjali Nayak	At-Talajanga, Block - Puri Sadar	22	12th	7992911828
20	Suchitra Patra	At-Garhtorinha,Block-Nimapara	25	9th	6370317323
21	Rajat Behera	At-Garhtorinha,Block-Nimapara	19	12th	8018233214
22	Golap Manjari Behera	At-Gadapadnapur,Block-Nimapara	35	12th	7077205596
23	Dali Patra	At-Kumbharpada, Block- Nimapara	41	8th	9178493685
24	Monali Patra	At-BhagabanSundara,Bloc k-Nimapara	19	12th	9938175586
25	Ranjita Nayak	At- Pattanaikia,Block-Satyabadi	34	Graduat ion	7064877869
26	Lokanath Sahoo	At-Gadasanpur, Block-Kanas	23	12th	8342020806
27	Pradiptakumar Ray	At-Kumbharpada, Block- Nimapara	21	Graduat ion	8917597812
28	Rudra narayan Patra	At-Badasiribila,Block-Puri	19	9th	7327985139
29	Sagnika Mohanty	At- garhtorinha,Block-Nimapada			7077550743
30	Akash kumar Biswal	At-Taraboisan Block-Nimapada	28	Graduat ion	9949931826
31	Sanatan Behera	At-sanabhimdaspur Block-satyabadi	42	Graduat ion	9861156720
32	Biswajit Jena	At-Gadachandapur Block-Nimapada	38	+2	7809446566
33	ShibaprasadBhoi	At –Jayapur Block-Satyabadi	35	10th	6372388298
34	Sujit kumar Nanda	At – Bharatipur Block-Pipili	28	Graduat ion	993761955
35	Sachikanta Swain	At-Saderia Block-Nimapada	40	10th	6370794941
36	BiswaranjanBhoi	At-Bangurusa Block-Satyabadi	30	10th	9348191783
37	Jyoti Ranjan Biswal	At – Raisha Block-Kakatpur	38	+2	9861603635
38	Chandan Pradhan	At – Hasanpur Block-Pipili	26	Graduat ion	9556044179
39	Kamalakanta Swain	At –Madhipur, Block-Pipili	36	Graduat ion	7992595795
Enterprise-APIARY					
1	Manisha Biswal	At-Dubduba,Block-Satyabadi	32	10th	9556640784

2	Rinalata Behera	At-Dalabhanapur,Block-Nimapada	34	10th	9861762090
3	Tilottama Parida	At-Panchukera,Block-Satyabadi	43	7th	6370949807
4	Basanti Biswal	At-Nuasahi,Block-Satyabadi	40	12th	7205229041
5	Sujata Biswal	At-Dubduba,Block-Satyabadi	35	10th	7978757460
6	Kailash Mohanty	At-Jayapur,Block-Sakhigopal	40	10th	9438336738
7	Rajesh Biswal	At-Dubduba,Block-Satyabadi	25	10th	9348314116
8	Santosh kumar Behera	At-Gobind pur,Block-Delanga	38	10th	9777521004
9	Sarbeswar Maharana	At-Gobind pur,Block-Delanga	44	6th	9348900544
10	Santosh kumar Pradhan	At-Dalabhanapur,Block-Nimapada	40	Graduation	8984438459
11	Trilochan Martha	At-Ankia,Block-Puri	24	10th	9861667972
12	Somyaranjan Mahapatra	At-Bira narasinghpur,Block-Purisadar	27	Graduation	7326948714
13	Trilochan Sethi	At-Panakera,Block-Satyabadi	28	7th	6370906904
14	DharanidharaBhoi	At-Dalabhanapur,Block-Nimapada	29	9th	6370473085
15	Biswanath Behera	At-Nahala,Block-Satyabadi	34	10th	9778038351
16	SukantakumarParida	At-Barundi,Block-Pipili	34	9th	9668885870
17	Prasanna kumar Pradhan	At-Podagun,Block-Pipili	34	Graduation	6370022738
18	Gagan Bihari Barik	At-Dalabhanapur,Block-Nimapada	35	10th	9040690081
19	Sanjay Bhanja	At-Badakanjia,Block-Satyabadi	26	12th	9556804829
20	Dama Maharana	At-Harishankarpur,Block-Satyabadi	43	5th	9776152456
21	BabuliMuduli	At-Muninda,Block-Satyabadi	43	10th	8637203499
22	AnirudhaBaral	At-Balikud,Block-Satyabadi	34	9th	7064612568
23	Sita kanta Das	At-Balikud,Block-Satyabadi	22	12th	6372078295
24	Mamata Jena	At-Madhipur,Block-Satyabadi	39	9th	7735888500
25	Sahadeb Pradhan	At-Padmapur,Block-Satyabadi	33	8th	7377853877
26	Bikram Pradhan	At-Balikud,Block-Satyabadi	35	8th	8337993108
27	Satyabhama Baral	At-Panchukera,Block-Satyabadi	40	4th	8093506077

28	Gouripriya Mohapatra	At-Nuasahi, Block-Nimapada	40	Graduation	7064680249
29	Susanta Das	At-Nahala, Block-Satyabadi	40	5th	8280715309
30	Dibakar Maharana	At-Gobind pur, Block-Delanga	35	10th	9583801806
31	Sima Mishra	At-Rendio, Block-purisadar	32	MBA	
32	Susanta Ku. Sahoo	Abalapur Pipili	42		9658980187
33	Biranchi Narayan Mahapatra	Sanabhimdaspur, Satyabadi	46	Graduation	9937345207
34	Sibaprasad Sahoo	Kulasekhar Patna Pipili	38	10th	8260429608
35	Anu maharana	Kotakhusanga, Nimapada	34	Graduation	8658653349
36	Kanchanbalachoudhry	Gadatorihan, Nimapada	39	+2	8763039887
37	Biswaranjan Sahoo	Panibhandar, Satyabadi	36	Graduation	9178198137
38	Bibhudatta Pradhan	Mulaalsa Satyabadi	35	Graduation	9861857855
39	Subhashree Panda	Dandamukundapur Pipili	38	Graduation	7847045796
40	Arun Ku. Pradhan	Mangarajpur Pipili	40	+2	8144165638
41	Sambit Ku. Sahoo	Dahikha Astaranga	33	Graduation	9437282619
42	Prasanna Kumar Pradhan	Podagaun Pipili	34	Graduation	7751036847
43	Anusaya Jena	Mahura Satyabadi	32	Graduation	773598773
44	Annantaku. Sahoo	Dandamukundapur Pipili	40	Graduation	9777573802
45	Amiya Ku. Jena	Barjapatna Pipili	37	+2	9178059182
46	Sudam Maharana	Harishankarpur Satyabadi	26	10th	7873057373
47	Ashok Kumar Kandi	Dandamukundapur Pipili	34	9th	8260429608
48	Dillip Kumar Maharana	Harishankarpur Satyabadi	22	+2	7873305526
Enterprise-Fishery					
1	Prakash Chandra Parida	At-Sundar, Block-Puri sadar	39	Graduation	6374864313
2	Swapna ranjan Mishra	At-Bijya Ramachandrapur, Block-Puri Sadar	36	10th	9937010655
3	Baban Das	At-Janakideipur, Block-Puri Sadar	36	8th	8249271980
4	Suresh Das	At-Janakideipur, Block-Puri Sadar	32	7th	8249778445
5	Santosh kumar Das	At-Janakideipur, Block-Puri Sadar	33	8th	8249087691
6	Sadashiba Sahoo	At-Samankula, Block -Gop	35	10th	9777005812

7	Lipun Behera	At-Samankula,Block - Gop	20	10th	7326064860
8	Rasmi ranjanRoutaray	At-Kanalpada,Block- Satyabadi	38	Graduat ion	9348940081
9	Chinmaya sankar Patra	At-Gabadiha,Block- Gop	41	Graduat ion	6370689118
10	Bibhu prasad Baral	At-Ballipada,Block- Satyabadi	34	Graduat ion	7894162996
11	KapilashBaral	At-Billipad,Block- Satyabadi	36	9th	7681056859
12	Suryakant Baral	At-Billipad,Block- Satyabadi	22	12th	7894699022
13	LaxmikantaBaral	At-Billipada,Block- Satyabadi	38	10th	8249986556
14	Srihari Mohapatra	At- Singhbrahamapur,Bloc k-Delanga	39	9th	8144556876
15	Manoj kumar Pradhan	At-Dalavanapur,Block- Nimapada	28	+2	9124916279
16	Smitanjali Swain	At- Akhuipada,Block- Puri Sadar	35	Graduat ion	8763938803
17	Shradhanjali Choudhry	At-Paikarapur,Block- Puri sadar	29	Graduat ion	9658730682
18	Soumendra Mohapatra	At-Charishri,Block- Puri Sadar	19	12th	6371496339
19	Sidhartha Sankar Behera	At-Samankula, Block - Gop	25	10th	8114981979
20	Rabindra kumar Swain	At-Basantapur,Block- Delanga	32	9th	9348311382
21	Srittam Pradhan	At-Basantapur,Block- Delanga	36	10th	7894568892
22	Ramakurshana Pradhan	At- Singhbrahamapur,Bloc k-Delanga	22	9th	9556873726
23	Prafulla Behera	At-Pratap Purusittampur,Block- Puri sadar	38	9th	9556972102
24	Deepak kumar Pradhan	At-Ballipada,Block- Satyabadi	32	+2	9337892544
25	Geeta Patra	At-Balanga,Block- Satyabadi	36	10th	9776002977
26	Gyanedra Swarup Sahoo	At-Subarnapur,Block- Gop	36	Graduat ion	9438648687
27	Bichitrakumar Pradhan	At-Arala,Block-Puri sadar	39	Graduat ion	8144391411
28	Bahana Biswal	At-Arala,Block-Puri sadar	33	10th	9337156736
29	Gyanaranjan Behera	At-Gabakunda, Block-Puri sadar	38	+2	9437544038
30	Trilochan Pradhan	At-Singhbrahamapur, Block-Delanga	37	10th	9668354130
31	Gyanaranjansaho o	Kalapanchan, Nimapada	28	10th	8270308478
32	Manas ranjan Mishra	Rendua, purisadar	34	Graduat ion	9439855685
33	Tapas kumar	Badadiandi, brahmagiri	42	+2	7894682842

	Swain				
34	Abhijit sahoo	Alasankha, puri	30	12th	8339008441
35	Chandrakanta sahoo	Mulaalasa, satyabadi	45	10th	9853240656
36	Rajat Baral	Dahana, Kanas	28	Graduation	7894279460
37	Debi Prasad swain	Kapileswarpur, puri	27	Graduation	9348226039
38	Santosh Mahabhoi	Charibhai pada Satyabadi	32	+2	8917259779
39	Biswajit khuntia	Manikarnika, puri	35	10th	9439849880
40	Akshay sahoo	Sundar, puri	34	9th	7657072181
41	Charan kumarsahu	Sundar, puri	39	10th	9777620393
42	Abinashjagadev	Gadarodanga, brahmagiri	28	BTech	9348150277
43	Prasanta kumarnayak	Matalpur,	40	10th	7381670391
44	Sukanta Kumar Dalabehera	Odakera Brahmagiri	41	Graduation	9937565189
45	Jajnaseni Mishra	Birakesharipur	34	+2	7873220144
46	Mausumi Dalei	Samantarapur Satyabadi	32	Graduation	6371706734

v. Capital Generation

Table-4

Poultry Hatchery with Inverter	Fry Drag Unit
Brooding Unit	Bio floc Unit
Mushroom Spawn Production Unit	APIARY Unit

vi. Income level

Table-5

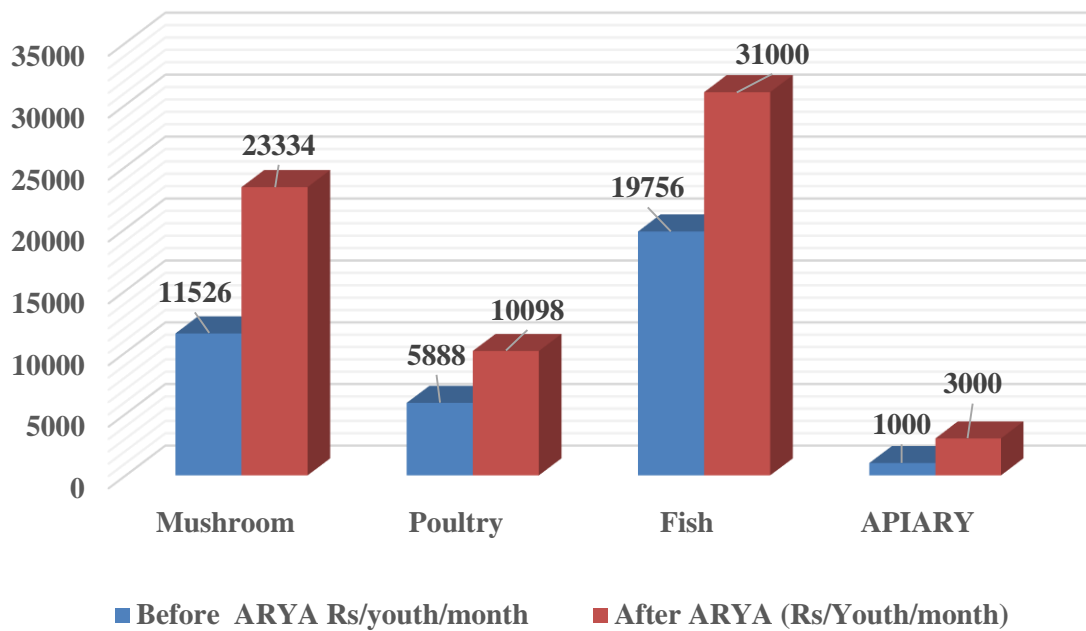
Enterprise	Area (Acre)/ No.	Cost of production (Rs. per unit/yr)	Sale value of the produce in the market (Rs/Kg)	Return (Rs. Per unit/yr)	Net Income (Rs. Per unit/yr)
Mushroom	Paddy Straw Mushroom(400 Beds)-21 days/cycle-for 10 months Oyster mushroom (300 Bags)-2 months/cycle	292000	Rs.150/kg Paddy Straw Mushroom Rs.40/Kg Oyster Mushroom	588000	2,96,000/-
Poultry Production	100 chicks /unit(Banaraja) 100 chicks /unit(Kadaknath)	92,000	Rs.150/Kg Banaraja (Live Bird) Rs.280/Kg Kadaknath (Live bird)	3,56,000/-	2,64,000/-
Apiary	8 Boxes/Unit	12000 own investment	Rs.600/kg-Honey, Rs.1200/Bee colony	24000/-	Rs.12000in 2 nd Year of

					establishment
Fish production with fish seed	1 ha (pond water area)	2,10,800	Rs.120/kg	4,08,000/-	1,97,200

Impact

- It has increased the outreach of centre tremendously in the district especially due to association of rural youths with the KVK.
- KVK has drawn attention of various stakeholders for technological backstopping and their expectations and reliance have increased for development of entrepreneurship in the district.
- The 183 beneficiaries has been recognized and included in various other agricultural & allied schemes in convergence with the line departments which will further boost their all round development as an entrepreneur.
- The most important ingredient in the process of entrepreneurship development *i.e.* credit flow has been ensured for the ARYA beneficiaries as the lead bank in the district has assured for providing credit facility to the eligible youths.
- With recommendations from KVK, 14 rural youth could avail various subsidy linked Govt. sponsored schemes to establish carp hatcheries, Biofloc units, Modern fish vending kiosks, Broodstock raising programme, enrollment in fish seed growers network, ornamental fish farming unit etc.
- Seeing the successful youths in the village many SHGs and farmers group are interested to take up the enterprise. This group approach will solve the marketing problem in future and enhance the sustainability of the enterprise and project as a whole.
- The project ARYA has paved the way to honour out of box innovative ideas of different enterprises.
- Four dedicated enterprise wise Whats App groups for 183 beneficiaries' have been formed for sharing of ideas for adoption.

Impact of ARYA enterprises on income



Impact		Mushroom Production	Backyard Poultry	Apiary	Fish production with fish seed
No. of Youths established entrepreneurial units (No.)	Male	24	23	23	26
	Female	08	5	07	2
Youths/groups who are running the entrepreneurial units in a sustainable manner (No.)		15	28	15	28
No. of youths employed in entrepreneurial units (Man days/year)		2(120)	12 (392 md/yr)	1(22)	17 (686 md/yr)
No. of days in a year the youths employed in entrepreneurial units (No.)		280	230	50	272
Farmers in the village started this Enterprise (No.)		18	10	6	14
No. of neighboring villages in which the enterprise has spread (No.)		16	4	8	11

No. of migrants benefitted (No.)	Male	2	2	1	2
	Female	0	0	0	0

**(A) Capacity Building
Table-6**

Thematic Area	Topic of training	No. of courses	No. of beneficiaries		
			Male	Female	Total
Mushroom Production	Training on Mushroom Spawn Production	1(4 days)	22	8	10
	Training on Project formulation & marketing strategy	1(2 days)	8	2	20
Poultry Production	Training on Rearing of Backyard Poultry	1(2 days)	17	3	20
	Training on Management of Hatchery Unit	1(2 days)	8	2	10
APIARY	Training on Bee Management & By- products preparation	1(3 days)	16	4	10
	Training on Project Formulation & Marketing Strategy	1(2 days)	14	6	20
Fish production with fish seed	Training on package of practices for Multiple Cropping pattern in Pisciculture	1(3 days)	19	1	20
	Training on Bio-floc fish seed rearing	1(2 days)	9	1	10

Capacity Building Trainings Photographs





Skill Training on Poultry



Skill Training on Apiary



Skill Training on Fishery

(E) Success stories of ARYA youths (Give NEW)

Success Story-1(Mushroom)

Booming profits through Mushroom farming



1. **Name of the Enterprise:** Mushroom production
2. **Name of Beneficiary:** Mr. Manoj Behera
3. **Address:** Village-Sana bhimadaspur, Block-Satyabadi
4. **Mobile Number:** 9937130988
5. **Background:**

Mr. Manoj Behera, 37 years of age, undermatric is a successful Agri-entrepreneur and a sedulous and an ingenious farmer who is always keen to adopt new ideas and technologies. Initially, he used to grow only Paddy & Pulses by adopting traditional methods, however after inclusion in ARYA Project of KVK and other agencies (Agriculture, horticulture, Animal Husbandry), she incorporated all the major components of Integrated Farming Systems for diversified agriculture for enhancing his farm income. Now, he is a role model for other Agri entrepreneur in the district for adopting Integrated Farming System. He owns 3acre land, out of which 2.5acre paddy in Kharif & pulses in Rabi, 150 coconut trees the remaining 0.5 acre for vegetables. A Vermi-compost unit of 2 vermi- pits has been started after training & demonstration programme under ARYA Project. About 16 quintals of manure per year is being produced and used for growing different crops. To reduce drudgery and increase efficiency in the Mushroom production, he has got Paddy Straw bundle cutter Chaff cutter for cutting of paddy straw. He also maintains a small dairy unit with two milch cows. He also owns a Model mushroom unit for getting income round the year through this venture.

Progress made:

- Currently he is preparing 600 paddy straw mushroom beds per month for 10 months & 300 Bags Oyster mushroom.
 - He owns a semi structured shed-net house in rack system
 - Average Production is 0.9 kg/Paddy straw mushroom bed (21days/cycle)& 2.5kg/Oyster mushroom bag(60days)
 - He is producing 5400kg paddy straw mushroom in 10 months& 750kg Oyster mushroom.
 - Previously he was selling mushroom Rs.140/kg. Now he is getting an additional income of Rs.10/kg due to use of paper bags for selling which is the innovation of ARYA project.
 - Employment generation 280 days/year
 - He is now producing vermicompost from spent mushroom substrate.
 - Paddy straw mushroom cultivation in crumpled straw
6. **Benefit to youth:**
- Scientific management increases the production from 0.7kg/bed to 0.9 kg/bed
 - Additional employment generated 40days/annum

- Post harvest management of mushroom by cleaning, sorting & grading enhances the profit @ Rs.10/-per kg.

7. Change in economic status of the youth due to adoption of ARYA project:

- Before inclusion in ARYA project his income was Rs. 247292/-
- After involvement in ARYA project his income is Rs. 382603/-
- 54.71% increase in income over the previous income

8. Constraints faced:

- Non availability of paddy straw bundles due to mechanization
- Non availability of quality mushroom spawn

9. Perception of others in the village:

He is a source of inspiration for other youths involved in farming. He has motivated around 50 numbers of women Self-Help Groups of Satyabadi block and mobilised them for entrepreneurship. He is always ready to provide them the help and guidance needed. He also encourages the farm women in the surrounding villages to adopt new and innovative methods of farming with the help of KVK Scientists and other experts.

10. Conclusion:

He practiced Integrated farming techniques if one activity fails, then the other activities may turn up to the success to earn income and to lead the socio-economic status. He was also awarded as Best progressive Farmer award from KVK Sakhigopal, Puri district for his Mushroom farming round the year. He wishes to develop well equipped mushroom spawn lab to fulfill the requirement of nearby villages. He planned to make a mushroom hub in Sakhigopal by the support of KVK and Mushroom Federation.

Good quality of action photograph of the enterprise:



Oyster Mushroom Production in Winter



Paddy Straw Mushroom Cultivation

Vermicomposting from Spent Mushroom Substrate

Success Story-2 (APIARY)

Booming profits through Mushroom farming



Name of the Enterprise: APIARY

Name of Beneficiary: Miss Seema Mishra

Address: Village- Radio, Biraharekrishnapur, Block-Puri Sadar

Mobile Number: 9178503585

Background:

Miss. Sima Mishra is a leading dynamic women entrepreneur, motivational speaker and youth icon. She is an MBA graduate from Delhi University. She left her corporate job and single handedly fully dedicated towards agriculture with family responsibilities. Lack of sufficient resources, technology and technical support will take less interest to choose agriculture as a career path. To bridge the gap, she took this as a challenge. She started integrated farming model at her parental land.

Progress made:

Skill based training program, exposure visit conducted on 'Scientific Beekeeping' after inclusion in ARYA Project of KVK, Puri helped her to acquire knowledge and skill for identification of the Queen in bee box, hiving of Honey bee colonies, division and uniting of bee colonies, management of Bee colonies in different seasons, extraction of honey and processing. She started from 6 boxes & other accessories for scientific beekeeping with the support of KVK and now she has 25 boxes currently situated in her farm.

Benefit to youth:

- She is able to take proper care of queens whereas earlier she was not even able to locate the queen like many other youths.
- She is now not only able to split the colonies as a technique to avoid the swarming but also understand about the timing and concepts like colony strength.
- With the adoption of scientific beekeeping, she generated an additional income of Rs.48,000/-/annum in 2nd year of cultivation.

Change in economic status of the youth due to adoption of ARYA project:

Seema used to get annual income of Rs. 344840/- from Dairy, Poultry, vegetables, fruits & fish etc. She faced problems like high cost in feed of cows, disease & pest in coconut, banana etc. After inclusion in ARYA Project, she added interventions like azolla cultivation for dairy & poultry feed, introduction of Bio floc, Quail & APIARY unit with marketing linkage, she is getting annual income of Rs. 1502940/-.

Constraints faced:

- Unfavorable weather and climatic conditions
- Pesticide poisoning
- Shortage of bee forage
- Lack of Credit supply for technology advancement
- Bee diseases, predators and natural enemy problems

Perception of others in the village:

As a result of her improvement, four persons from their community also started bee-keeping in a smaller scale for additional income. She has also encouraged and motivated fellow farmers to adopt scientific beekeeping practices and management rather than traditional one. She did radio talk programs, put articles in various print media, she is working with DAINIK ODISHA portal for awareness video of agriculture and related so on for motivating other youths. Her main focus strengthens NARISAKTI in agri field. Many students coming for their internships, farmers, youths those have interest in agriculture specifically Women farmers. She is giving more emphasis for them to grow in their fields with government as well as private inputs.

11. Conclusion:

Seema Mishra involved herself in dissemination of information to fellow members and community. As a resource person in honey bee rearing & IFS, she adopted new technologies and implement them in her unit. Recently she is going to start Agro-ecotourism concept with an innovative way, direct farm to plate concept. She is now applying one project of keeping 100 Box from APICOL under the guidance of KVK & Horticulture Department.

Good quality of action photograph of the enterprise:



Success Story-3 (Fish)

1. Name of the Enterprise: Fish production
2. Name of Beneficiary: Chinmay Sankar Patra
3. Address: S/o – Rajanikanta Patra, Village- Gabadiha, Block-Gop, Dist.- Puri
4. Mobile No.:- 6370684118



Introduction/Background:

Chinmay Sankar Patra, S/o- Rajanikanta ; a resident of village :- Gabadiha, block-Gop was unemployed after completion of his graduation. His father was a progressive farmer and having an agricultural farm of 8 ha area at Nandigorada mouza. He started helping his father in various agricultural activities. In that farm there was a big fish pond of 1ha water-spread area where fish farming was going on. While gradually gaining experience in farming, Mr.Patra realized that fish farming and horticultural fruit crops are quite remunerative than any other field crops. Then during field visit to his village he came in contact with KVK scientists and selected under the ARYA project eventually.

Progress made

After joining ARYA project, Mr Patra excavated 4 nos. of new tanks of WSA – 2.2 ha by availing MPY scheme in the year 2018-19. During the year 2019, the farm was worst affected by cyclone ‘Fani’. Many fruit plants like banana, papaya, coconut and mango were damaged. But, that year, he got a bumper fish yield from all the ponds for a well-to-do sustenance. He revived his farm with plantation of banana in 0.8 ha of land. During the year 2020-21, he was sanctioned with a Biofloc fish farming unit with (2 nos. of tanks of 15T capacity each). He started rearing of fish seeds in that. Seeing his enthusiasm and progress, district fisheries department again sanctioned him a Chinese carp hatchery project of Rs.25 lakhs during 2023. He has undergone training programmes on multiple stocking and multiple harvesting, stunted fingerling production and selected as a beneficiary for the OFT on “ Assessment of growth performance of Amur carp in carp polyculture”

Benefit to youth:

He has undergone a series of ARYA skill training programmes on multiple stocking and multiple harvesting, stunted fingerling production, Biofloc fish seed rearing and selected as a beneficiary for the KVK’s OFT on “ Assessment of growth performance of Amur carp in carp polyculture” and “Assessment of soil & water probiotics in optimizing fish yield” etc. and came in contact with various successful aquapreneurs and experts in the field. Now he has been recognized as a successful fish farmer in his locality. He is now self employed with a permanent source of income. He has gained social recognition in the society.

Change in economic status of the youth due to adoption of ARYA project:

Now he is recognized as an affluent fish farmer of the locality and his average net income solely from 3.2 ha pond is Rs.8,40,000/-per annum. Increase in income over previous income prior to inclusion in ARYA project is around 92%.

Constraints faced

During hit of cyclone Fani and outbreak of pandemic Covid-19, he faced lot of problems in procuring inputs / machineries / man-power for different crops and simultaneously at the same time marketing of various farm produces.

Perception of others in the village:

Many young farmers of his village and nearby villages have been motivated seeing the success of Mr. Patra. Many interested farmers continuously visiting to his farm and getting vast exposure in different pisciculture activities.

Conclusion

Mr Patra is now acting as a master trainer and leading farmer of the district.

Good quality action photographs



Stocking of Amur carp seeds by Mr Patra through KVK OFT



Scientists visit to his pond unit during liming



Harvesting of fish from his pond



Farmer holding a catla fishes more than 5 kg weight

Success Story-4(Poultry)

1. Name of the Enterprise: Poultry
2. Name of Beneficiary: Bichitra Pradhan
3. Address: S/o – Pitabasa Pradhan, Village- Arol, Block-Puri sadar, Dist.-Puri
4. Mobile No.:- 6370684118

Introduction/Background:

Bichitra Pradhan, S/o- Pitabasapradhan was unemployed after completion of his Master's degree in journalism and got involved in various agricultural activities. He has a land-holding of 2.8 ha and blessed with a small family of 3 nos. of members dependent upon agriculture as it is the only option to rely upon for their livelihood.

Progress made

One fine day he came to KVK for solving a disease problem in paddy. There he came in contact with the Kendra's scientists and told about the losses he has been incurring in farming. After that he participated in various KVK activities and included in long-duration



ASCI training and other FLD, OFT programmes. Then, he started poultry rearing by keeping 4000 broiler birds and involved in fishery activities after excavating a 0.62 ha WSA new tank.

Benefit to youth:

After enrolled in ARYA project he started scientific rearing of backyard poultry like Banaraja and kadaknath along with broilers. He was also capable of doing scientific paddy cultivation and side-by-side scientific fish cultivation of IMCs in the newly excavated fish pond. He could able to sale artificially brooded chicks round the year.

Change in economic status of the youth due to adoption of ARYA project:

Now he is rearing 2000 broilers and 3000 desi birds per year and earning an average income of Rs. 6, 83,000/-per annum. By the process, he could able to generate 135 man days of labour for local youths.

Constraints faced

During occurrence of Covid-19, he faced problems in marketing of poultry birds.

Perception of others in the village:

Mr. Pradhan's success has motivated the nearby farmers to adopt fish and poultry enterprise with their existing farming for more profit. Moreover youths of their locality are contacting KVK about the availability of kadaknath chicks.

Conclusion

Mr. Pradhan has thrown the success of surprise to the youths who are wondering for an enterprise for their livelihood. Moreover he has created a ray of hope among the farmers that agriculture is the only way out for rural unemployed youths.



Kadaknath bird farm



Dairy unit



Feeding with floating fish feed



Banaraja poultry unit

(F) Profile of ARYA youths earning more than Rs. 10000 and more than Rs. 50000

Youth Name	Father's /Husband's Name	Address	Age	Adhar No.	Mobile No.	Educational Qualification	Status Year	Income/ Month	Name of adopting Enterprise
Sadashib Behera	Gouranga Behera	Sanabhimadaspur Block-Satyabadi	36	4705 4984 0860	99373255 22	10th	3	12600	Mushroom
Kurshan chandra	Sankar Pradhan	Kanhupur, Block-	39	4834 1614 2704	80181285 30	8th	4	14562	Mushroom

Pradhan		Satyabadi							
Karttik Behera	Trilochan Behera	Jipur,Block-Satyabadi	27	4252 0874 3133	63712858 18	10th	3	14500	Mushroom
Kamalin i Rout	Bishwanath Majhi	Bhutpada,Block-Satyabadi	33	9858 5776 4041	77358533 67	7th	2	10650	Mushroom
Sardhanjali Gil	Lakshman Gil	Kanhupur,Block-Satyabadi	32	8964 9626 9345	86580988 75	10th	2	18400	Mushroom
RajkishoreSethy	Dhirendra Sethy	Chandra Barhampur,Block-Satyabadi	34	802900554714	63710064 51	Graduation	3	34000	Mushroom
Manoj Behera	Krushna Ch.Behera	Sanabindaspur Satyabadi	32	401221031235	99371309 88	10th	3	22000	Mushroom
Ranjan Behera	Prafulla Behera	Sanabindaspur Satyabadi	38	685753627405	99388678 34	Graduation	2	25000	Mushroom
Renubala Dash	Brajasundar Mahapatra	Tulasichaura, Purisadar	39	746809442046	79786612 80	Graduation	4	28000	Mushroom
Radheya Bhoi	Guna Bhoi	Chandra Barhampur,Block-Satyabadi	34	487936050749	76530569 06	10 th	2	18000	Mushroom
Jyotiranjan Biswal	Narayan biswal	Raisa kakatpur	36	326901563721	93372339 61	+2	3	15045	Poultry
Sujitkumar Nanda	Pramodkumar Nanda	Bharatipur pipili	30	998995347554	99376195 55	Graduation	3	15000	Poultry
Sachikanta swain	Bichitranda swain	Saderia Nimapada	26	474814629613	63706949 41	12 th	1	14000	Poultry
Kamalakanta swain	Bharat Chandra swain	Madhipur,pipili	35	787949031044	79925957 95	+2	2	14800	Poultry
Sanatan behera	Prafulla Behera	Sanabhimda spur Satyabadi	41	379192965177	98611567 20	Matric	New	12805	Poultry
RajalaxmiMohanty	-	Kantunia, Nimapada	38	-	98613136 81	Graduation	3	15000	Poultry
Santosh	Bina	At-	34	39668424437	82490876	8 th	3	44,000	Fish

Kumar Das	Das	Janakideipur, BI- Puri Sadar		9	91				production with fish seed
Ramakrushna Pradhan	Prasanta ku Pradhan	At – Singhbrahmapur, BI-Delanga	23	825356101303	9556873726	10 th	3	37,000	Fish production with fish seed
MsSmit anjali Swain	Naresh Ch Swain	At – Akhupada, BI- Puri Sadar	33	94594806399	8763938803	10+2	3	38,000	Fish production with fish seed
KapilashBaral	Kailash Baral	At – Billipada, BI - Satyabadi	35	335172542013	7681056859	9 th	4	18,000	Fish production with fish seed
MsSradhanjali Choudhary	Krushna Ch Das	At- Paikarapur, BI – Puri Sadar	36	702925286168	9658730682	10+2	3	21,600	Fish production with fish seed
Naresh Swain	-	Akhupada, Block – Puri Sadar	39	-	8144811682	Graduation	5	32000	Fish production with fish seed
Dama Maharana	Satrughna Maharana	Harisankarpur, Satyabadi	40	602324112906	9776152456	10th	4	16000	Apiary
Soumya Ranjan Mohapatra	Mihir Ku.Mahapatra	Biranarsinghpur Purisadar	24	285429055497	7978791425	Graduation	3	6600	Apiary
Rajesh Biswal	Rabindra Biswal	Kanjia, Satyabadi	26	373023034238	9308314116	12th	4	10700	Apiary
Sanjay Bhanja	Sudhansu Mohan Bhanja	Badakanjia, Satyabadi	22	255141908662	9556804829	12th	2	8200	Apiary

(G) Dignitaries visited to ARYA villages



Women SHGs from Cuttack district visited ARYA Unit

(H) Newspaper coverage

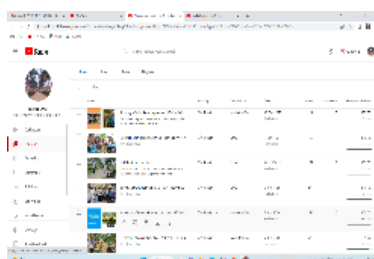
i. 8 nos. of newspaper coverage were done of KVK activities



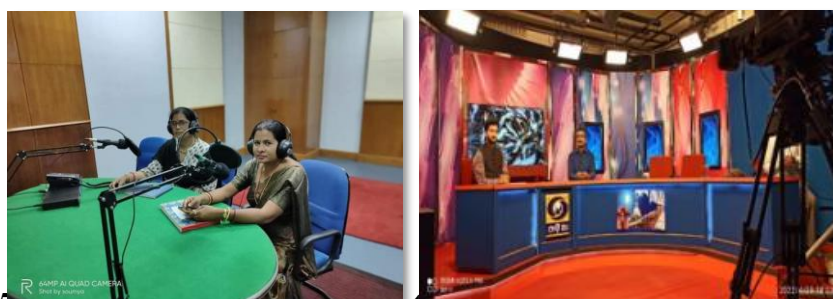
ii. Documentation of 05 nos. of technological videos & success stories in convergence with Sankalp TV, Doordarsan & OTV.



iii. 12 nos. of technological videos uploaded in official YouTube channel of KVK, Puri



iv. 12 nos. of Radio talks at AIR Puri & 04 nos. of TV talks by Scientists & ARYA Youths



v. 05 nos. of enterprise-based WhatsApp group

(I) Publication



(K) Migration status

Unemployment Scenario among rural Youths

	Male	Female	Total
Population	865380	833350	1698730
Unemployment			
Qualification	Male	Female	Total
Below Matric	3300	315	3615
Matric	6301	1722	8023
+2	12301	7612	19913
+3	6106	4711	10817
ITI	1325	2	1327
Diploma	460	70	530
	29793	14432	44225

Source; District Employment Office, PURI, Odisha

Migration Scenario of Puri District

Total no. of househ old	Migrant Househo lds	Percenta ge of Househo ld	Total Number of Rural Househol	Estimate d Number of	Average Number of Migrant	Number of Panchayat s**	Estimat ed Numbe r of
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surveyed		Migration	ds*	Migrant Households	s per Panchayat		Migrants
7820	2099	26.8	312855	83975	347.8	230	79688.0

As per census 2011 ** as per panchayat directory

(L) Quality Action Photographs