

2021 -22 Annual Report

Creating a difference in the lives of the poor in Sundarban



Joygopalpur Gram Vikash Kendra (JGVK)
Basanti, Sundarbans

Annual Report 2021-2022 (April 2021 – March 2022)

Creating a difference in the lives
of the poor in Sundarban



Joygopalpur Gram Vikash Kendra (JGVK)

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CONTENT

	Page
Forward: A note from the Secretary	1
1. About the Organisation	2
2. Major activities and achievements during the year	3
Natural Resource Based Development Programmes	5
3. Scientific Management of Animal Husbandry Based Development Programme	5
4. Sustainable Agriculture Programme	6
5. Appropriate Technology based Fishery Programme, productive use of pond water	8
6. Sustainable Water Resource Management Project (SWRMP)	10
Social Development Programmes	12
7. Inclusive Quality Education Programme	12
8. Health Support Programme	15
Skill based Development Programme	16
9. JGVK – JDB Collaboration	19
10. Cottage Industry Programme	19
11. Other important activities	20
12. Institutional Development	21
13. Summary of Accounts	23
14. Future Direction and Priorities	24
15. List of Donors and Supporters	25

Forward: A note from the Secretary

I am happy to present the annual report 2021-22 of our organisation Joygopalpur Gram Vikash Kendra (JGVK) to you. The report comprises of 15 sections. Section 1 highlights the organisation's perspective and its operational process, recognition received by the organisation. Section 2 focus on important activities and achievements during the year. Section 3 to 11 describes the various important programmes and projects. Section 12 describes various institutional works during the year. Section 13 provide summary of accounts. The section 14 emphasis on our future direction and priorities.

Like in previous year, double tragedy resulting pandemic and severe cyclone "Yaas" affected the local population very badly. Therefore, we have to involve ourselves in the relief and re-building work during the major part of the year.

We are happy to inform you we are able to complete the "Biodiversity conservation and Education Park" at Joygopalpur. This was the collective initiative with Basanti block Biodiversity Management Committee and supported by West Bengal State Biodiversity Board, Department of Environment, Government of West Bengal. Now this park is an attraction for the local students to study the rich biodiversity of coastal Sundarbans. In the coming period we will develop more such conservation initiatives. During the year we also completed the "Sundarbans Education Tourism Centre" at Joygopalpur. This is attracting students, teachers and others interested persons to visit Joygopalpur, stay in this centre and understand the rich ecosystem of Sundarbans and the work of our organisation the report provides descriptions and analysis of organisations various activities during the year.

We extend our deep gratitude to our Donors, supporters and well wishers. I will particularly name IFG-Denmark and its Chairperson Shri Ganesh Sengupta who is guiding us during our entire Journey. Holdor Topse AC, Denmark who support our inclusive and quality education programme since last 12 years. Prof. Henrik and his team of students, researchers who are working with us for the last 17 years on our environment related programmes. I also express my deep gratitude to all the villagers of our project areas, village committee members, my fellow members in the management committee and my dear colleagues.

October'2022

Biswajit Mahakur
Secretary



About The Organisation

The organisation "Joygopalpur Gram Vikash Kendra" (JGVK) was formed in 1999 by some youth of Joygopalpur and its surrounding villages.

Vision (long-term perspective) of the organisation

To secure basic livelihood and equal rights for all and sustainable development in the social, economic and environmental context.

Mission (short-term goal) of the organisation

To improve the quality of life of the poor and marginalized, by enhancing food and social security, through an empowered Civil Society in West Bengal and Odisha.

In practical terms, the six elements of this mission are:-

1. Sustainable use, consumption and management of local natural resources.
2. Food security through promotion and practice of organic farming and use of nature-friendly technology.
3. Secure livelihood opportunities through access to and use of new skills.
4. Assured access to quality education, protected water supply, adequate health service, drainage and sanitation.
5. Develop strong village institutions whereby the entire community is involved in the planning, implementation and monitoring of development work.
6. Community based research on preparedness for disaster response and climate change in coastal Sundarban in particular.

Areas of Operation:

The main operational areas of JGVK are the districts of North and South 24 Parganas of West Bengal State. The district South 24 Parganas is comprised of 29 Development Blocks. Among



them, JGVK's operations are primarily concentrated in the Basanti block, one of the poorest block in the district and in the Gosaba block, Kultuli block. In the district of North 24 Parganas, JGVK operates in a few selected Gram Panchayats – on its own as well as through partner organisations. The work concentrated in Gaighata, Sandeshkhali-II, Hingalgang blocks. JGVK also runs a home industry programme in Dubrajpur Block of the Birbhum district, West Bengal and in the Bhadrak and Balasore districts of Odisha.

Strategy of Operation:

As part of perspective, the operations are channeled through organising self help groups which are led, controlled and managed by women. JGVK works through 50 women-run village committees and over 2500 women's groups with membership of over 30,000 women.

Legal Status:

JGVK is a Society, registered under the Societies Registration Act of West Bengal, since May 2001. For receiving and using foreign funds, JGVK is registered under the Foreign Contribution Regulation Act (FCRA) of the Government of India, since 2005 (re-registered in 2011 after the amendments in the FCRA Act).

Recognition and Awards in recent years:

(1) Received Indira Gandhi Paryavaran Award (2010) in February 2014 from the Ministry of Environment, Forests and Climate Change, Government of India. JGVK is the first organisation in the State of West Bengal received this award in organizational category since 1986 (2) Received State Bio-diversity Award'2014 in May 2014 from the State Bio-diversity Board, Department of Environment, Government of West Bengal.

Major Activities And Achievements During The Year

1. Holdor Topsøe Center for Edutourism in Sundarban :



The construction of two-storied centre was completed during the year. The building comprising eight fully air conditioned rooms with attached bath, fully equipped kitchen, one furnished meeting room, one Sundarban archeological museum and small library. The centre was formerly inaugurated in April'2022. This centre will provide opportunities to the students, teachers and researchers, professionals to study the rich Sundarban eco-system (biodiversity, mangroves, river systems etc.) and also understand the various integrated development activities in the coastal Sundarban including conservation of its rich biodiversity in particular and environment by the organisation (JGVK).

2. Completion of Bio-diversity conservation and Education Park:



In Collaboration with West Bengal State Bio-diversity Board, the work of this park was completed in March'2022. The park was inaugurated by the Chairperson, State Biodiversity Board in April' 2022. The park built in an area of over (0.60 acres) of land. The students, teachers, women SHG members, farmers are regularly visiting the park.

3. Pandemic and cyclone relief, re-building work:



Like in previous year, Covid-19 again struck twice during the year. This imposed restrictions in various activities and services. Two severe cyclones 'Bulbul' and 'Yaas' hit- the Sundarban this year creating widespread damage. Organisation directly involve in relief work. In addition, JGVK also co-ordinate the activities of various other groups and individuals, organisations who are coming forward for relief work directing them to most affected areas, facilitate their visit and distribution of materials etc. In addition, JGVK actively involve in the re-building work among the affected people.



4. Project work on Tiger affected households:

Every year large number of people, mostly menfolk, the earning member of the poor families died or severely injured due to attack by the tigers, snake bites etc. This new project focus on integrated development of these families which includes education of children, skill development training and follow-up support to the women, inputs for pond based development, land based development, kitchen garden through support of fingerlings, seeds etc. Initially 120 households of selected areas of Basanti and Gosaba blocks were identified for this project which started from April'2021.



5. Preparation of new sustainable agriculture project:

CISU, Denmark approved the new agriculture project which will focus on organic farming, formation of Farmers Producer Organisation (FPO's) etc. During the year preparation for the project work was done e.g. selection of senior professionals, staff for the project, detail activities with time period etc. Twenty villages of eight gram

panchayats spread over Basanti, Gosaba and Sandeshkhali-II blocks will be covered. The project activities will start from April'2022.



6. Attending outside programmes:

After a gap of almost two years, staff of the organisation attended programmes off-line in different places including India International Science Festival, Goa. Three member (including two women) JGVK team participated in this festival and presented a paper on JGVK's experience on holistic development model of work and also organised a stall for exhibition and sale of JGVK's home based cottage industry products.



Scientific Management of Animal Husbandry Based Development Programme



This is the first project started by JGVK in 2003. After the completion of project in March'2010, the work is continuing in the area. This project focused on twin objectives: firstly, increase nutrition supply as part of food security among the local poor family members especially women, children and also secondly earn income through the sale of animal products. The methodology followed was to provide training support and on-site guidance for scientific management of small animal rearing.

The objectives of the year:

1. Provide continuous support to the poor families on the scientific management of small animal rearing.
2. Production and sale of animal products from the JGVK's experimental cum demonstration farm.
3. Supply poultry birds, ducks, piglets to the poor women at a subsidized / free of cost.

Important activities during the year:

- (1) Successive cyclones destroyed the large number of small animals like poultry birds, ducks etc. destroyed their habitat, various disease attacked the survivors. The JGVK staff provided/organise vaccination, supply of medicines, support to build their habitat also.
- (2) Introduced poultry hatching process in the farm. Plan to procure two sophisticated hatching machine for more production of eggs.
- (3) In the demonstration farm various methods of integrated farming process are also demonstrated e.g. 'paddy – fish and animal rearing', 'fish and animal rearing' etc. These methods are also shared among the villagers.
- (4) Supply small poultry birds among the local SHG members.
- (5) Small animals are also distributed among the cyclone affected poor household.
- (6) Facilitated the relief, rehabilitation work of Animal Resource Department (ARD) at the block level, through informing them about the need and problems in different villages.
- (7) This year 12 piglets of worth Rs.25,000/- were provided to the poor families.

The Table No.1 provide the details of sale of animal products expenditure and surplus under this programme.

Challenges faced:

Animal shed in the demonstration farm was also badly damaged in the cyclone and large numbers of small animals were died.

Table No.1: sale proceeds, expenditure and net surplus

Sl. No.	Month	Sale proceeds	Expenditure	Net earning
1	April	26,550.00	26,550.00	0
2	May	21,250.00	21,250.00	0
3	June	33,322.00	33,322.00	0
4	July	3,600.00	3,600.00	0
5	August	24,620.00	24,620.00	0
6	September'2021	60,547.00	5,830.00	54,717
7	October'2021	13,102.00	1,820.00	11,282
8	November'2021	Nil	8,890.00	(-) 8,890
9	December'2021	6,250.00	Nil	6,250
10	January'2022	1,922.00	10,127.00	(-) 8,205
11	February'2022	1,878.00	3,295.00	(-) 1,417
12	March'2022	Nil	20,240.00	(-) 20,240
	Total	1,93041.00	15,9544.00	3,3497.00

Sustainable Agriculture Programme

This important land based programme is being implemented since 2007-08. The overall perspective continue as sustainable integrated farming with new experiments, innovation and demonstration at the JGVK's farm and extension at the farmers level. During the year objectives of the programme were as follows:

1. Continue experiment in the farm and extension to the farmers land.
2. Planned production of vegetables in the farm thus increase income.

The important Activities :

With the above objectives in mind, the following activities were undertaken during the year:

- (1) In collaboration with State Bio-diversity Board: (a) JGVK developed a "Bio-diversity Conservation and Education Park" in a 3 bigha (0.70 acre) land. This park developed as per guideline of the State Board (b) work of "Seed Bank" (local indigenous varieties of paddy and vegetable seeds) was further consolidated during the year. Total 28 varieties of paddy seeds and large number of vegetable seeds are kept in this bank. Local farmers especially SHG members are taking seeds according to their choice and return double the amount after harvest/production. A register is maintained in the bank to record these seed transactions. (c) A field based experiment (trial) on the cultivation of traditional paddy was continued this year. During the year one bigha land of each of the five farmers were taken up for this trial. Various varieties of paddy seeds were given to them according to their choice. A detailed documentation was done right from land preparation, seeding, transplanting, watering, weeding, use of organic manure, pesticides, insecticides if any, etc. to harvesting, quantity of production. The document with description, explanation, analysis also prepared. One important finding was those farmers produced 'Basmati Varieties of Paddy' are not getting remunerative price in the local market. Production was good in most of the land. However, water logging due to excessive rain and resultant drainage problems, sowing had to be undertaken second time.
- (2) In collaboration with Botany Department of Calcutta University, JGVK was engaged in an action – research project on production, demonstration extension (use in the farmers land) of organic manure, pesticides and insecticides. The details of these products are given below.

Table No.2: Production of important organic (Microbial Fertilizer) products during the year

Sl.No.	Name of product	Total production	Given to the farmers (No.)	Stock available
1	PSB	12 ltr.	24	-
2	AZO	12 ltr.	24	-
3	B.T.	12 ltr.	12	-
4	T.V.	35 ltr.	25	11 btl.
5	Th	30 btl.	20	10 btl.
6	Ma	10 btl.	6	1 btl.
7	Bb	20 btl.	5	2 btl.
8	PL	20 btl.	5	15 btl.

- (3) Though we have developed a yearly / month-wise crop calendar at beginning of the year. However, due to devastating cyclones 'Amphan' 'Bulbul' and 'Yaas' destroyed the farm very badly, most of the trees uprooted, due to excessive rain most part of the farm land was submerged till November. As a result, crops of extended rabi period i.e. May onwards and Aman period (i.e. June-July onwards) were destroyed. However, winter vegetable crops and winter paddy are grown in the farm. Over 4 quintal of different vegetables were sold in the local markets. The vegetable includes cabbage, chilly, cauliflower, brinjal etc. Jeera kathi variety of paddy introduced in the farm. About one acre of land and production was over 10 quintal rice (over 15 quintal paddy). For demonstration jeera kathi planted through SRI method in the 15 katha land and production was comparatively better. The month-wise income, expenditure and net surplus are provided in the table no.3.
- (4) For supply of saplings of fruit bearing trees, a nursery was developed. Farmers were also encouraged to set-up plant nursery for supply of varieties of sapling. JGVK also procured saplings from different sources and distributed among the needy people, planted in different locations to fill-up the damage caused by the successive cyclones in the area.

Challenges faced: Two successive severe cyclones and sudden heavy rain destroyed, damaged the standing crops, vegetables due to water logging. Strong wind destroyed trees especially fruit trees.

Table no.3: sale proceeds, expenditure and net surplus

Sl. No.	Month	Sale proceeds	Expenditure	Net surplus
1	April	5,100.00	5,100.00	0
2	May	19,420.00	19,420.00	0
3	June	14,291.00	14,291.00	0
4	July	6,820.00	6,820.00	0
5	August	53,220.00	53,220.00	0
6	September'2021	1,900.00	63.00	1,837
7	October'2021	130.00	1,602.00	(-) 1,472
8	November'2021	70.00	900.00	(-) 830
9	December'2021	1,911.00	200.00	1,711
10	January'2022	1,355.00	Nil	1,355
11	February'2022	6,633.00	7,827.00	(-) 1,194
12	March'2022	2,532.00	12,760.00	(-) 10,228
	Total	1,13,382.00	1,22,203.00	(-) 8,821.00

WORKING AREAS OF SUSTAINABLE AGRICULTURE PROJECT				
SL NO	DISTRICT	BLOCK	GRAM PANCHAYET NAME	TOTAL FARMERS
1	SOUTH 24 PARGANAS	BASANTI	MASJIDBATI, BHARAGARH, JYOTISHPUR, NAFARGANJ, JHARKHALI, BASANTI	588
2	SOUTH 24 PARGANAS	GOSABA	CHHOTO MOLLAKHALI, LAHIRIPUR	149
3	NORTH 24 PARGANAS	SANDESHKHALI 2	BERMAJUR II	40
	TOTAL FARMERS			777



Appropriate Technology Based Fishery Programme Productive Use of Pond Water



The Purpose:

The organisation is implementing this programme since 2007-08. The purposes of this year were as follows:

1. Provide good quality fish spawn to the local fish farmers from the "Maa Sarada Matsa Hatchery" established in 2008. Also introduce new varieties of fish through hatching.
2. Orient local farmers about the new varieties of fish farming, scientific preparation of fish pond, its regular management through JGVK's demonstration pond.
3. Production of fingerlings in the nursery demonstration pond and also sale to the local farmers at a subsidized rate.
4. Production and sale of different varieties of fish from the organisations 16 ponds.

Major activities:

- (1) Hatching conducted during April to August. Nearly 120 local fish farmers collected fish spawn (dim pona) and fingerlings at a subsidized price.
- (2) Experiments conducted on various new varieties of fish through tank (cemented) fishery like Mangur (Cat fish) fish etc.
- (3) Support and guidance provided to the local farmers from pond preparation, pond management at various stages for fish farming, regular feeding, checking and discuss if any, measurement and maintenance of water quality like pH, COD, BOD etc. and accordingly advice them. This guidance extended at both at the demonstration pond in the organisation and on-site i.e. at the farmers pond side.
- (4) Production and sale of fishes. The table number 4 provides the details of sale proceeds of various types of fishes and total expenditure of the programme. From the table it is clear that there are surplus. This means the programmes is becoming economically viable as well.
- (5) The organisation continue to involve and campaign on protection and conservation of small indigenous varieties of fishes. In this direction few exclusive pond developed at the village level on small fishes. In the coming period, more such demonstration pond will be developed at each hamlet level.



- (6) Planning to develop one breeding pond of small, indigenous fishes in the demonstration farm for natural breeding (create such an environment) and supply small indigenous fishes to other areas. A proposal in this direction is also developed.

Initially this programme was started as a nutrition supplement programme. After fulfilling this objective, now villagers are involve in firstly earn income through scientific, better managed fish production and secondly gradually they are also understand the need for preservation of small local verities of fishes. This also preserve, protect the local biodiversity.

Challenges faced: During the year due to two cyclones and heavy rain during July end, some of pond overflows. Due to cyclone trees along the pond side fall thus damage the quality of pond water due to its decomposition.

Table No.4 sale amount, expenditure and net surplus from fishery programme during the year (in Rs.)

Sl. No.	Month	Sale proceeds (income)	Expenditure	Net income
1	April	4,48,377.00	4,83,700.00	(-) 35,323.00
2	May	15,880.00	15,880.00	0
3	June	46,045.00	46,045.00	0
4	July	29,375.00	29,735.00	(-) 360.00
5	August	47,652.00	47,652.00	0
6	September'21	52,230.00	29,767.00	22,463.00
7	October'21	18,500.00	2,295.00	16,205.00
8	November'21	7,320.00	2,800.00	4,520.00
9	December'21	2,215.00	Nil	2,215.00
10	January'22	2,640.00	Nil	2,640.00
11	February'22	27,161.00	6,429.00	20,732.00
12	March'22	9,488.00	Nil	9,488.00
	Total	7,06,883.00	6,64,303	42,580



Sustainable Water Resource Management Project (SWRMP)

The three year project started from October'2018 with following objectives:

1. The target population understand why and how they should use groundwater in a sustainable way.
2. JGVK, CBOs, Village committees and other stakeholders can advocate to relevant Government institutions regarding solutions for unsustainable groundwater use, vulnerable embankments and poor field drainage systems.
3. The target population has adopted sustainable water use that reduces overuse of the resource and preserves the water quality of drinking water.

Coverage:

The project covering six development blocks, 12 Gram Panchayat, 59 villages.

Table No.5: Coverage of SWRM Project

Sl. No.	District	Block	Gram Panchayat
1	South 24 Parganas	Basanti	5 (Jharkhali, Jyotishpur, Nafarganj, Masjidbati, Uttar Mokamberia)
2	South 24 Parganas	Gosaba	3 (C.M. Khali, Sambhunagar, Bipradaspur)
3	South 24 Parganas	Kultoli	1 (Baikunthapur)
4	North 24 Parganas	Gaighata	1 (Sutia)
5	North 24 Parganas	Hingalgunj	1 (Govindakathi)
6	North 24 Parganas	Sandeshkhali II	1 (Bermajur II)
Total	2	6	12

One of the important characteristics of this project is to involve 8 other small community based organisations in 8 different Gram panchayats and JGVK directly working in four gram panchayats.

Major Activities During the Year:

- (1) Field based awareness programmes were organised among the SHG women members on the various steps towards sustainable use of drinking water, surface water, rain water and its conservation. Also orient them on water and hygiene practices, prepare and involve women SHG's in the advocacy at the Gram Panchayat office to stop withdrawal of underground water through shallow pumps for agricultural use. In some places G.P. authorities had taken strong steps to stop water withdrawal through shallow pumps.
- (2) Farmers were trained on SRI method of paddy and vegetable cultivation through field based



demonstration and guidance. Three 'Farmers Field School' (sharing of group members experiences and address the problems faced by members through weekly meeting) facilitated by the project staff.

- (3) Model farmers were trained to adopt cultivation methods and crop combination with optimum water.
- (4) Advocacy is an important component of this project. Advocacy was organised at each of the G.P. and block level offices with rallies along with posters, banners, meetings with elected members, officials, submission of demands in the form of memorandum etc.
- (5) Networking is also an important intervention. In partnership with "Sabhu Manch" project staff organised several advocacy intervention in Kolkata and in the project areas.
- (6) Collection and analysis of related data on climate change is an ongoing process since 2014-15. During the year data was collected on (a) underground water level from the project villages. From the data it was noted that nearly 70% tubewells were dried-up during summer months, the figure in Chotta Mollakhali was 70%. Even some of the tubewells water level down upto 9 metres (b) collection of high tide and low tide data from the three strategic points. The data shows water level is increasing (c) daily rainfall data also collected from different locations. The data shows number of rainy days decreased, intensity of rain increases.

Table No.6: Activities undertaken during 2021

Organised by the Head Quarters Level in 2021			
Sl.No.	Activities	Number	Places
1	Farmers Training	5	Jharkhali, Nafarganj, JGVK, KTT, BITS
2	Staff Meeting cum Orientation	10	JGVK
Organised by the GPs Level 2021			
1	Farmers Field School	3	
2	Farmers Meeting	40	Mostly at GP level
3	Farmers Training	2	
4	SHG Meeting	196	Village level
5	Village Committee Meeting	39	
6	GP Advocacy	18	GP office
7	Mothers Meeting	34	village level
Awareness Through IEC Materials 2021			
1	Banner	21	At the strategic location
2	Poster	428	Project villages, local offices
3	Wall Writing	112	Project villages, strategic location
4	Tree Plantation	1523	Project villages, strategic location, embankments

Challenges faced:

Due to pandemic and closure of schools, most of the school level orientation programme were postponed. The project period extended to September'2022 without additional budget allocation.



Inclusive Quality Education Programme

Background: Unfortunately, the abrupt and fast increase of covid infections in April forced the authorities to re impose a general lockdown of all activities starting from 20th April, and continue till 7th May the schools were further ordered to start the summer vacation immediately after 7th, May so as to reopen only after the end of the summer vacation, on 2nd June, 2021.

Thus, our school Vivekananda Shiksha Niketan (VSN) and the 3 Primary Schools had to close down on 20 April and reopened in June 2021.

With the restrictions in force, at VSN revert to its 'alternative academic activities', comprising of the followings:

Coaching classes and On-line classes for students of Class V to X:

- (1) Coaching classes for all day scholar students for 3 days per week (from 1-3 pm) for class V to X
- (2) On-line classes for those who could not attend coaching classes, in two time slots: 11:00-12:30 and 15:00-16:30.

Ongoing Learning/Assessment for Primary level students:

- (1) Distribution of weekly blank assessment sheets to the students
- (2) Receiving back the completed assessment sheets from the students
- (3) Checking of the completed assessment sheets (4) Redistributing the assessment sheets with results of the assessment to all students

From July 2021, the school become totally off-line for all students. With a majority of the students attending classes regularly – with the full strength of teachers available. It was also possible to organize other related activities like - (1) Short assessment (2) Debates (3) Quiz sessions on general knowledge etc.

Primary Schools:

In the Bermajur school, coaching classes were held regularly – 4 days a week, 3 hours per day. In Amlamethi school, the teachers done the best – through home visits and one to one teaching wherever possible.

Special sensitization meetings, programmes, support for the teachers and students of VSN:



- (1) One day meeting with teachers regarding the knowledge and teaching efficiency skill by Swami Nityabodhananda Maharaj (2) One day seminar for teachers and students on Indian culture and heritage, by a team from Viswa Bharti University (3) One day session for children on moral values by Swami Nityabodhananda Maharaj (4) Six days workshop for 25 students of Class VII to IX on presentation of individual views "Life & Livelihood" in Sundarban through paintings, recitation of own composed poem, one-act drama. The items, objects, painting etc. were presented by the students one day after the workshop (5) Drawing competition for high school students, organized by VSN, support from Dr. Prabir

Chattarjee Charitable Trust Calcutta University (6) Sufficient copies of reference books, question solutions of all subjects from Chhaya Prakasani Publisher were made available from school library (7) 50 poor students of VSN received learning materials from a Professor's group from Kolkata (8) Sanitary napkin vending machine and disposal machine were installed at school and disposal machine at the girls hostel with donation from Kolkata Marwari Mohila Samity.



The year 2022 started with a positive note from the West Bengal School Board on reopening of schools, and VSN was fully operational, again. Classes VIII to X had already been formally reopened in November 2021, and the remaining classes – Class I to VII started normal lessons from 16 February – subject to following strict Covid-19 rules.

Student admission:

Within a short time, the number of students in both the Primary and Secondary sections were nearly at last year's level.

Table No.7: students strength during 2021 and 2022

Sl. No.	Sections	2021 Actuals	2022 till March
1	Primary	260	235
2	Secondary	225	216
	Total	485	451

Teaching Staff:

Most of the teaching staff had stayed on in the school during the 2-year long lock down period and had participated in the school programme of (a) online teaching and (b) coaching classes.

Hostel facilities:

The hostel has been in very high demand during the lockdown period and the demand keeps increasing.

Table No.8: hostel occupancy during the year

Sl. No.	Hostel	New	Old	Total
1	Boys	23	34	57
2	Girls	14	19	33
	Total	37	53	90

Student Assessments:

Full scale assessment is yet to start but short class assessments by teachers of individual subjects are being done by the teachers of each class.

Board Examination:

This year, 15 students of the VSN sat for the board Examination in March 2022.

A few other events:

(1) Organised Annual Sports for Primary and High School students (2) Admission Test for Class V to IX (3) Covid Vaccinations camps for children (supported by the Government Health Department) (4) Regular sanitization of the school building (5) Observation of the international Women's Day by the students and teachers.

Admission test was held in 2 Primary schools, Academic Year 2022

Table No.9: student strengths in 2 primary schools

Sl. No.	Schools	2021 Actuals	2022 till March
1	Amlamethi	103	102
2	Bermajur	101	100
	Total	204	202

Educational excursion: For students of class X at Sundarban forest to experience the biodiversity of the area, learn the characteristics of mangrove trees, change in the tidal waves at different points inside the river etc. The students were accompanied by the respective subject teachers.

VSN received approval to upload the school management information's in the official government portal (Bangla Shiksha Portal).



Health Support Programme

Background:

Sustainable health initiative in Sundarban region, Basanti Island in particular, is also a high priority component of JGVK. Since 2006 the initiatives started rolling with operating OPD Clinic with doctors, small pharmacy and paramedics in its small unit at the main campus. Gradual progression in service delivery encompasses a Community Health Programme (CHP) by a cadre of 40 Field Health Workers deployed in 5 Gram Panchayets of southern part of Basanti Island. The CHP was implemented in three phases catering to Pregnant Mother & Children's primary health care components. The last phase implemented for four years of the CHP was focused on Combating Malnutrition among Children (CMC) was phased out in 2021.

Sustainability of the activities eventually was linked with the government primary health care delivery system. Final evaluation of the CMC project by external evaluator was conducted in June 2021.

The evaluation findings:

(1)The CMC project has had a positive impact on the community. From the available data, it is observed that the project has reached out to 62949 people with special focus on 5677 children leading to positive behaviour for attaining an improved health and nutrition status(2) A distinct positive impact was found for the recording period (January 2017 to December 2019) as data on SAM and MAM incidence indicates that the percentage of SAM (severely acute malnutrition) and MAM (moderately acute malnutrition) children has fallen.

New approach of works:

The strategic service delivery started with OPD clinic, gradually was extended to diagnostic facility services, viz. Pathological Laboratory, Digital X-Ray, Digital ECG and computerized Eye Unit. Specialized medical treatment facility on Eye, Gyneocology& Obstetrics, and Orthopedic units are the new specialized facility started during the year. The clinic and diagnostic facility were geared up with the initiation of different specialized services. Local communities, Block government hospital responses are encouraging.

Among the different activities during 2021, special awareness on Covid precautionary measures were undertaken by the Field Health Workers in the villages with posters and banners. The pandemic situation in 2020 & 2021 impacted in much lower accessibility of the clinic facility. At a glance clinic data in 2021-22 are given below.

Table No. 10: No. of patients and fees collected during the year

Sl. No.	Units	No. of patients	Fees collected
1	Clinic	1,773	1,91,225
2	Laboratory	729	1,90,855
3	X-Ray	238	74,700
4	ECG	36	5,400
	Total	2,776 *	4,62,180

* Gross Patient No.

JGVK – JDB Collaboration

Introduction:

During this reporting year two programmes were implemented, which was continued from the previous year 2020-21.

Description of the activities under this collaboration during 2021-22

1. Student sponsorship programme: Students' sponsorship programme is the highly valued support programme in the school education system at JGVK and for VSN in particular. Undoubtedly this support is of a great help for the families to admit the children at VSN, be it as a hostel ward or as day scholar. For the day scholar students it gives an opportunity to take special coaching in weak subjects. All these activities were undertaken by maintaining the Covid protocol. However, it is imperative to state here that hostel students were benefitted much more than the day scholar. The details of activities undertaken under this programme are as follows:

- (1) 12 (twelve) new students started receiving the support from this year, of which 4 are in the hostel and 8 as day scholar.
- (2) The 4 hostel sponsored students (Bandana, Mrinmoyee, Animesh, Payel) percentage of marks secured in the Class-X final examination were highly satisfactory. 3 students were above 80% and 1 (Bandana Das) were above 90%. Two of them are pursuing with Science (Bandana, Animesh) and two (Mrinmoyee, Payel) with Humanities stream in Higher Secondary level.
- (3) The three students (Latika, Mita, Pabitra) completed Higher Secondary (Class XII) took admission in degree course (College) and all are pursuing in Humanities stream.
- (4) The 6 hostels and 1 day scholar ongoing students studying in classes between classes VI to class X, everyone is seriously continuing their studies.
- (5) School teachers were highly supportive to impart knowledge to the sponsor students. Special coaching classes were organized by the teachers before and after the school hours.
- (6) Koyel, Kabita, Sobhana, Payel, Nandini were appeared in the Final Board Examination held in March'2022.



Table No.11: List of sponsored students at a glance

Class	No of students	Status Ongoing	Category New	
Ex- XII	2	2	-	Hostel
Ex -XII	2	2	-	Day scholar
XI	4	4	-	Day scholar
Ex- X	4	4	-	Hostel
X	2	2	-	Hostel
X	3	1	2	Day scholar
IX	6	-	6	Day scholar
VIII	2	1	1	Hostel
VII	3	2	1	Hostel
VI	1	1	-	Hostel
V	2	-	2	Hostel

Note: Here 'Ex' means these students appeared for the Final examination in 2022. And ongoing are those students received the support from previous years. DS – means day student, H.S. – means hostel student.

Total ongoing sponsored students 19. Total new sponsored student during the year 12.

2. Small entrepreneurship Programme: The programme initiated in 2017, had gained momentum in two years with the creation of the revolving fund generated from the direct support from JDB. From the table it is inferred that since 2020 & 2021, four entrepreneurs support could be provided. It was also observed that most of the entrepreneurs tried to repay the loan amount as early as possible. More and more new applicants submitted their request and their applications were scrutinized by assessing the need, viability of the business and repayment capacity.



Table No.12: Entrepreneurs wise since its initiation

Sl. No.	Name of the entrepreneur	Type of business	Year of taking loan	JDB direct support amount	Amount refunded	Due
1	Soma Das	Panipuri / Fucchka Vendor	2018	10,000	10,000	Nil
2	Tanima Sardar	Tailoring	2018	10,000	10,000	Nil
3	Ramprasad Mondal	Grocery	2018	15,000	15,000	Nil
4	Krishna Biswas	Auto purchase	2018	15,000	15,000	Nil
5	Prabhabati Mandal	Tailoring	2019	15,000	15,000	Nil
6	Anima Mondal	Poultry Farm	2019	15,000	15,000	Nil
7	Champa Mandal	Tailoring	2019	15,000	1,000	14,000
8	Abhijit Das	Small business	2019	10,000	10,000	Nil
9	Probhati Jana	Fish Farming	2019	15,000	Nil	15,000
		TOTAL		1,20,000	91,000	29,000

Table No.13: Amount advanced from revolving fund

Sl. No.	Name of the entrepreneur	Type of business	Year of taking loan	Amount from the revolving fund	Amount refunded	Due
1	RakhiMondal	Grocery	2020	15,000	15,000	Nil
2	UjjalaMondal	Small Business	2020	15,000	15,000	Nil
3	Kaushik Das	Cosmetics	2020	20,000	Nil	20,000
4	Krishna Maity	Poultry Farm	2021	20,000	Nil	20,000
		TOTAL		70,000	30,000	40,000



Cottage Industry Programme

The objective: The objective of this programme during the year are as follows:-

1. Produce improved quality of cotton and woolen garments for increased access to local and foreign markets.
2. To train local women on tailoring (which includes cutting, stitching, finishing, packaging etc.).
3. Production, packaging and sale of good quality spices.
4. Continue collaboration with KVIC, West Bengal for production of good quality cotton thread.

Major activities:

The important activities during the year were as follows:

- (1) Production of cotton garments includes ladies dress like petticoat, salwar, kurti, punjabi etc., school uniform for both girls and boys, childrens wear and menswear. The woolen garments includes cardigan, sweater, pullover, scarf etc.
- (2) Collaboration established with a Danish business group. Their representative (a woman) send design, specifications, sizes of various cotton, woolen and tassar items. Accordingly local trained women produce the materials. Two consignments sent to Denmark during the year. Some materials were also sent to USA as well.
- (3) Spices production under "Basundhara Udyog" hole spices were purchased from the wholesale market and process at JGVK spices production centre. After packaging in small packets of different sizes (50, 100, 200 grams) these chilly powder, turmeric powder, zira, dhania etc. powder sold to the local market. The table no.11 provides the income and sale proceeds under this initiative.
- (4) Training of young girls and women. During the year three training programmes were organised. Each training spread over three months period and attended by 12 participants each. In addition, one training discontinued last year due to pandemic also completed this year in Jharkhali.
- (5) The product of this unit also exhibited in various cottage industry fairs and festivals. Two member team also participated in exhibition of cottage industry products at the international science festival at Panaji, Goa.
- (6) Sale Centre: the products of this unit also sold through two sale outlets of the organisation located at new market (Natun Hut) and at Joygopalpur. The sale proceeds of these two outlets are provided in the Table No.11. Challenges faced: pandemic and resultant restrictions on foreign travel, two Danish trainer who used to visit Joygopalpur and train our staff on new design of garments are not able to visit us on second consecutive years. Similar was the case for our foreign partner who also used to visit us and provide us new designs, specifications with us. Though we tried to address the problem through long distance communications. At the local level also inspite of demand we were unable to conduct tailoring trainings at the village level.



Table No.14: sale proceeds during the year

Sl. No.	Source	Amount (Rs.)
1	Natun Hat	1,42,517/-
2	Joygopalpur	3,85,549/-
3	BasundharaUdyog	1,96,127/-
	Total	7,24,193/-

Other Important Activities

In addition to regular programmatic and project related activities, many other activities were also organised during the year. A brief description of these activities are given below:

1. One Year Diploma course on Horticulture and organic farming:

In collaboration with Netaji Subhas Open University, JGVK is organizing this programme since 2017. During this year this programme was organised during January to December. Due to pandemic, on-line classes were held on every Saturday and Sunday. Total 88 classes were held of two and half hours duration. Final examination was held during the last week of December. Another programme was started from January'2022.

2. Publication of monthly newsletter:

Since 2008, JGVK publish monthly registered newsletter 'AjkerBasundhara'. This newsletter focus on organisation's important activities, activities of other local organizations and environment related news and views of Coastal Sundarbans.

3. Annual Festival (Sundarban Cottage Industry Festival):

During April 11-12'2022, this festival was organised. Dr. Himadri Shekhar Debnath, Chairperson, West Bengal State Bio-diversity Board was the Chief Guest. During the mela. Thematic discussions, cultural programmes, annual sports of Vivekanandas Siksha Niketan (VSN) etc. were held.

4. Visit of Ganapada Nabajiban Society, Ghatal, West Midnapur to JGVK:

Senior Staff Members including Director of this organization visited JGVK in July and held discussions with different programme team, understand JGVK's process of holistic development approach especially natural resource based work on land, water, animal, fishery, environment related integrated work, inclusive education programme etc. Based on their invitation, JGVK team visited the organisation during October 21st to 26th 2021 and February 21st to 26th 2022 and orient/train their staff on integrated model developed by JGVK for land and water based environmentally sustainable agriculture – fishery – animal rearing work.

5. Re-building work among the pandemic and cyclone affected families:

Like previous year, JGVK continues relief and re-building work among the affected families of COVID-19 (loss of job and daily wage work due to restrictions), cyclones etc. The support includes supply of essential items, supply of fish spawn, small poultry birds, vegetables seeds, education for children, skill development training for adults specially among the women member in the family etc.



Institutional Development



Governance:

The Governing Board (also known as Management Committee) is the statutory body for the management of JGVK's affairs. The board consists of 7 members President, Secretary, Assistant Secretary, Treasurer and 3 other members. Among them four are women. The Governing Body performs the following functions:

- (1) Making institutional policies for programmes, funds and human resource management, administration etc.
- (2) Reviewing institutional performance periodically and take appropriate measures.
- (3) Approving annual plan and budgets.
- (4) Approving annual audits.

The Governing Body meets at least 4 times per year. During the year four formal meetings were held (April 24'2021, June 14'2021, November 10'2021, March 31'2022).

The current members of the Governing Board, in the year 2021-22, were:-

- Mr. Harekrishna Bharati, President, Businessman
- Mr. Biswajit Mahakur, Secretary and Chief Executive Officer, School Teacher
- Mr. Dilip Sardar, Treasurer, Social Worker
- Ms. Monika Sarkar, member, Health Worker
- Ms. Saraswati Sardar, member, SHG Leader
- Ms. Juthika Adhikari, member, Social Worker
- Ms. Bhabani Roychowdhury, member, Health Worker

The Governing Board is responsible to the General Body of members, consisting of 36 persons. The General Body of members and the Governing Board come together once a year at the Annual General Meeting (AGM) to review and approve the annual programmes, the annual plan and the audited accounts of the Society. During the year AGM was held on July 18'2021.

Total number of Staff and Volunteers (March'2022): 205

General Management:

The day-to-day management of the activities of JGVK relating to the projects and other operations are performed by the Chief Executive Officer.

- (1) The Secretary of JGVK and one or more members of the Governing Board are also looking after one programme
- (2) A number of professional managers hired for specific key functions. The Projects are managed by professional Project Co-ordinators
- (3) The Financial matters are managed by a professional Accountant
- (4) A Senior Management Team named Programme Implementation Body (PIB) comprising programme co-ordinators, project manager/leader, unit in charges and senior staff provides collective leadership,

developing next line of leaderships, programme strategy, resource mobilisation, programme reviews, project planning, staff allocation, performance review and capacity building programmes for staff on a monthly basis.

Accounting/Financial Management:

The entire Financial Accounting is maintained on a double-entry book-keeping basis and follows the accounting principles laid down by the Institute of Chartered Accountants of India. The Accounting system is fully computerized and uses the TALLY 9 software.

The recording and accounting of all transactions involving foreign currency are kept totally separate from all domestic currency transactions as stipulated by the regulations of the FCRA. The Accounting system for internal and external reporting of accounting and financial information is also fully computerized based on MSEXCEL.

Internal and External Audit: All financial transactions and accounting entries are regularly audited by the Internal Auditor, who also certifies all statutory domestic financial returns. The current Internal Auditor is: M/s. Prabir De, Chartered Accountant. The financial statements supporting receipt and expenses of foreign currency projects are audited and certified by the External Auditor. The current External Auditor is: M/s. Prabir De, Chartered Accountant.



Summary of Accounts



JOYGOPALPUR GRAM VIKASH KENDRA

CONSOLIDATED INCOME & EXPENDITURE ACCOUNT : 1 st APRIL 2021 - 31 st MARCH 2022

EXPENDITURE	Rs.	INCOME	RS.
Cost of Running Diff. Programmes	52,63,868	Cost recovery from diff. Programmes	57,13,644
General Expenses	8,61,841	Donations,Subscriptions	2,07,560
Repairs & Maintanance	57,295	Other Income	2,88,026
Depreciation on Assets	3,91,185	Depreciations trf, To Property Funds	3,91,184
Excess of Income over Expenses	1,01,717	Bank Interest	75,492
Expenses : FC Projects		Grant-in-Aid:FC Projects:	
Education	81,19,589	Education	60,07,355
Health	29,84,395	Health	14,03,262
SWRM	49,51,418	SWRM	53,94,147
Social Welfare	21,89,130	Social Welfare	10,71,037
Joy du Bengalle	4,05,205	Joy du Bengalle	4,44,224
Papri Paul	33,045	Papri Paul	58,001
Total	2,53,58,688	Total	2,10,53,932
		Unutilized Balance : Add Prev.Year	83,96,660
		Less: This Year	40,91,904
		Total	2,53,58,688
Deprecciations on Asses	19,13,697	Depreciation trf. To Property Funds	19,13,697
Total	2,72,72,385	Total	2,72,72,385

CONSOLIDATED BALANCE SHEET : AS ON 31 st MARCH 2022

LIABILITIES	Rs.	ASSETS	Rs.
General Fund	31,40,501	Fixed Assets : NFC	71,29,478
Properties Fund : NFC	71,29,478	FC	6,41,93,011
FC	6,41,93,011	TDS & other Receivable	
Small Entrepreneurs Devt. Prog.	7,77,261	Fixed Deposits	44,35,017
TCH Prog.	6,17,908	Advance for Programme	227080
Education- VSN Fund	19,13,496	Cash & Bank Cl. Balance : NFC	18,90,574
Sanitation Fund	55,035	FC -	40,73,434
Unutilized Grant : FC	40,91,904		
Expenses Payble	30,000		
Total	8,19,48,594	Total	8,19,48,594

Future Direction And Priorities

Future Direction And Priorities

1. Organise 40 FPO's comprising of 1200 members (men and women) model 'Farmers Producers Organisation (FPO's) in 20 selected villages under the new sustainable agriculture programme of the organisation.
2. Develop new project proposal on water security/coping climate change in the Sundarban region. This will be in extension of our department work on sustainable use of water resources.
3. Expand collaboration with corporate and academic institutions. The focus will be expand our area of work and knowledge base and thereby contribution towards the development of community youth and children in particular.
4. Improve the qualitative and quantitative all round measurable performance of our model high school and three primary schools. Also to identify, decide what we want to achieve.
5. Explore the possibility of opening of higher secondary classes and science stream in the school.
6. Develop a new pilot project on Sustainable Model Village through skill development
7. Develop a Rural Agriculture Training center for imparting trainings for marginalized farmers



List of Donors, Supporters

We are thankful to all our donors, friends and partners for their support and encouragement in our work:

- Hon'ble Jagdeep Dhankhar, Governor of West Bengal
- Smt. Pratima Mondal, Member of Parliament, Joynagar constituency
- West Bengal Bio-diversity Board, Dept. of Environment, Government of West Bengal
- DANIDA, Danish NGO Council and CISU, Denmark
- IGF Denmark
- Haldor Topsøe AS, Denmark
- UBU (Danish Association for Sustainable Development), Denmark
- Mrs. Birgitte Oigaard and Dr. Adam Oigaard, Denmark
- Mr. Manish Birdika, MD, Sai Ply Pvt. Ltd.
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- Department of Horticulture, Government of West Bengal
- Department of Science and Technology, Government of West Bengal
- Mr. Jakob d. Jwan, Holland
- Mr. Sisir Sengupta, Holland
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- Mr. Sajan Bansal, MD, Skipper Pvt. Ltd
- Science Communicators' Forum, Kolkata
- VIBHA VANI, West Bengal Chapter
- Sabuj Mancha, West Bengal
- Paschim Banga Marwari Sammelani SikshaKosh, Kolkata
- Sundarban Development Board, Government of West Bengal
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- Royal Veterinary and Agricultural University, Denmark
- Mrs. Papri Pal, Switzerland
- West Bengal State University of Animals Sciences and Fishery
- Bangladesh Agricultural University, Bangladesh
- Earth Banc, Sweden
- Dr. Ruma Paul, Retd. Professor Department of Botani, Calcutta University.
- Prabir Chatterjee Charitable Trust, Kolkata.
- Calcutta Charity Friends Club (CCFC), Tollygunge, Kolkata
- Kolkata Lions Club Prerna
- Department of Botany, Calcutta University
- South 24 Pargana Zilla Parishad
- International Poultry Network, Copenhagen, Denmark
- Aarhus University, Denmark
- West Bengal Voluntary Health Association (WBVHA)
- Engineers Association of India, Kolkata
- Christian Medical College, Vellore, Tamil Nadu
- Dr. Mritunjoy Kundu, Bangladesh Agricultural University
- Soil Science Research Institute, Canning, Government of India



- Administrative Training Institute (ATI), government of West Bengal
- District Magistrate, South 24 Parganas
- Digha Ramkrishna Saroda Seva Ashram
- Manabata Trust, Kolkata
- Prof. Prabir Ganguly, Retd. Professor, Surendranath College
- Forum of Scientists, Engineers and Technologists, Kolkata
- Department of Environment, Govt. of West Bengal
- Department of Bio-Technology, Govt. of West Bengal
- Khadi and Village Industries Commission (KVIC), West Bengal
- Netaji Subhas Open University
- Ahmedabad University, Faculty of Architecture
- Block Development Office, Basanti, Gosaba, (S. 24-Pgs.) Gaighata, Baduria, Sandeshkhali-II, Degang (N. 24-Pgs.), Dubrajpur (Birbhum), Kharia & Simulla (Odisha)
- The Art of Living
- LokKalyan Parishad, Kolkata
- All the PRI institution in our operational areas
- Srma Matritirtha Mahila Samity
- Annesha for Science, Gosaba
- Bermajur Gram Vikash Kendra
- Birinchibari Manab Kalyan Samity, Nafarganj, Basanti
- Kalidaspur Banani Society, ChhotoMollakhali, Gosaba
- Kisholoy Taruntirtha, Gaighata
- Gramajyoti Voluntary Organisation (GJVO), Odisha
- Birinchibari Agragami Samaj Kalyan Samity
- Kendula Susthayi Tantu Samabay Samity, Birbhum
- Gana Unnayan Parshad, Kolkata





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