



CSR at Transpek-Silox...  
A step towards  
creating a better world

# CONTENTS

1 Message from MD's Desk

2-3 Foreword

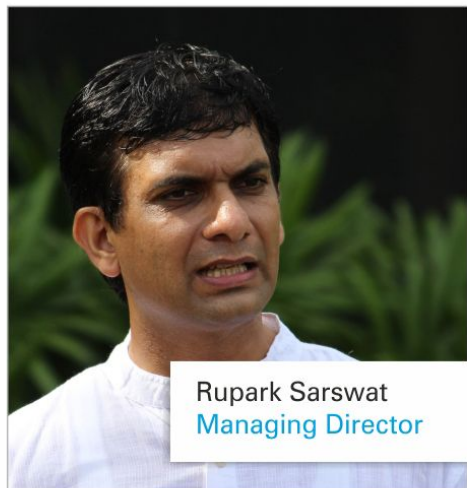
4 CSR Ecosystem and Commitments

5-24 Highlights of the Year 2019-20





# Message from MD's Desk



Rupark Sarswat  
Managing Director

"CSR @ Transpek-Silox-  
A step towards creating  
a better world"

We have been beneficiaries of the technological and economic progress that the world has made. However, not all have benefited as much and there have been unintended consequences of the development in terms of damage to the environment, depletion of resources, destruction of habitats, climate change and rising economic disparity.

Sustainability is the gravest challenge that the world faces today and affects us all. It is the outcome of our choices as individuals, as organisations as well as communities. Therefore, it starts with "us" and we at TSIPL are committed to doing our bit to help address the issues of environment, resource scarcity as well as community well-being. Not only is it important for creating a sustainable and truly successful business but it is an imperative for the survival and well-being of our planet and communities. I am happy to say that this is an important value in our organisation and it is our endeavour to make a positive impact for the communities and the environment around us.

Our CSR approach is rooted in our purpose to contribute to a better world and we have been working on opportunities internally and externally to improve the environment and to contribute to the well-being of our people the communities around us.

We continue to make progress in several areas of

our operations with an ambition to do more. These include areas like energy conservation, water conservation, making our plants, products & processes safer, waste reduction, ethics & governance, becoming more inclusive and diverse, taking care of our people and reducing our environmental impact.

We have several successful projects that focus on helping the people around us. These projects are interventions in the areas of Health & Hygiene, Education, Environment, Community Development, Women Empowerment and Support to the Weaker Sections of the Society. It has been very satisfying and encouraging to see a positive impact through several projects in these areas. For instance, Project Saksham for differently abled people, Mega Medical Camps, Janani Janeta for women health, Sukhadi Yojana aiming at health & nutrition of children and Project Pragati for girl child education. Sustainable Agriculture and Livestock has been identified as an important focus area and deals with a holistic Agro Forestry approach. This way we are trying to work with farmers to help them get sustainable benefits both economically and environmentally.

We recognise that there is so much more that needs to be done and we will continue to strive to do more for we consider this as an important responsibility and duty. With that commitment to do more, TSIPL, we bring to you the progress report on initiatives taken over the last year.

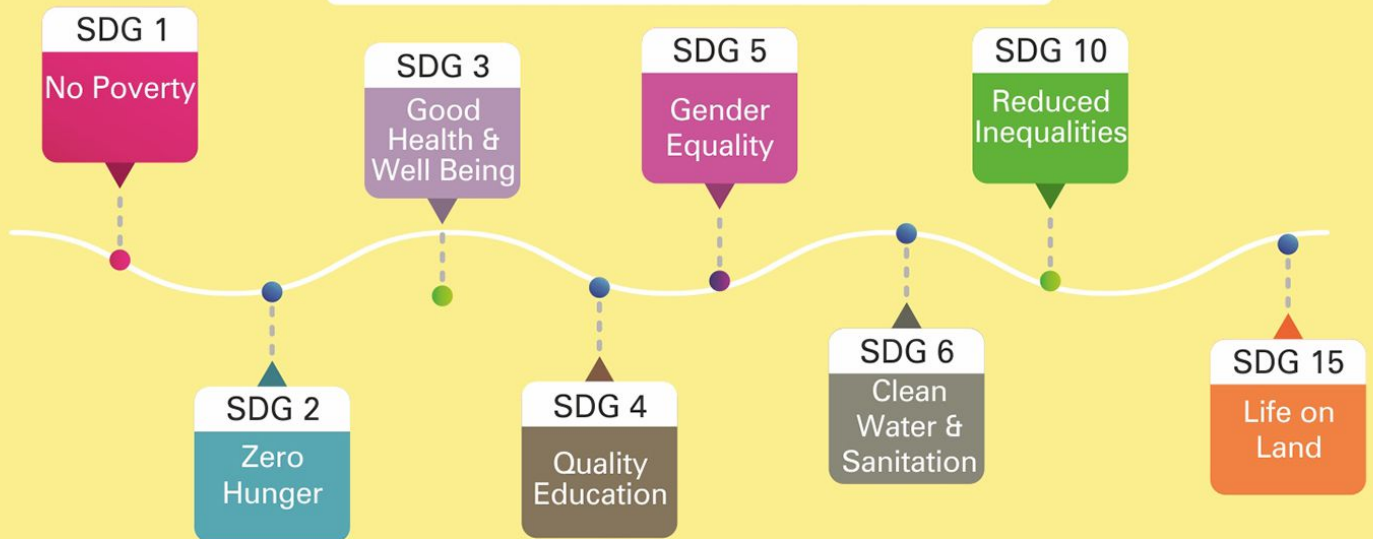


We are delighted to present the  
CSR Report for the year 2019-20!

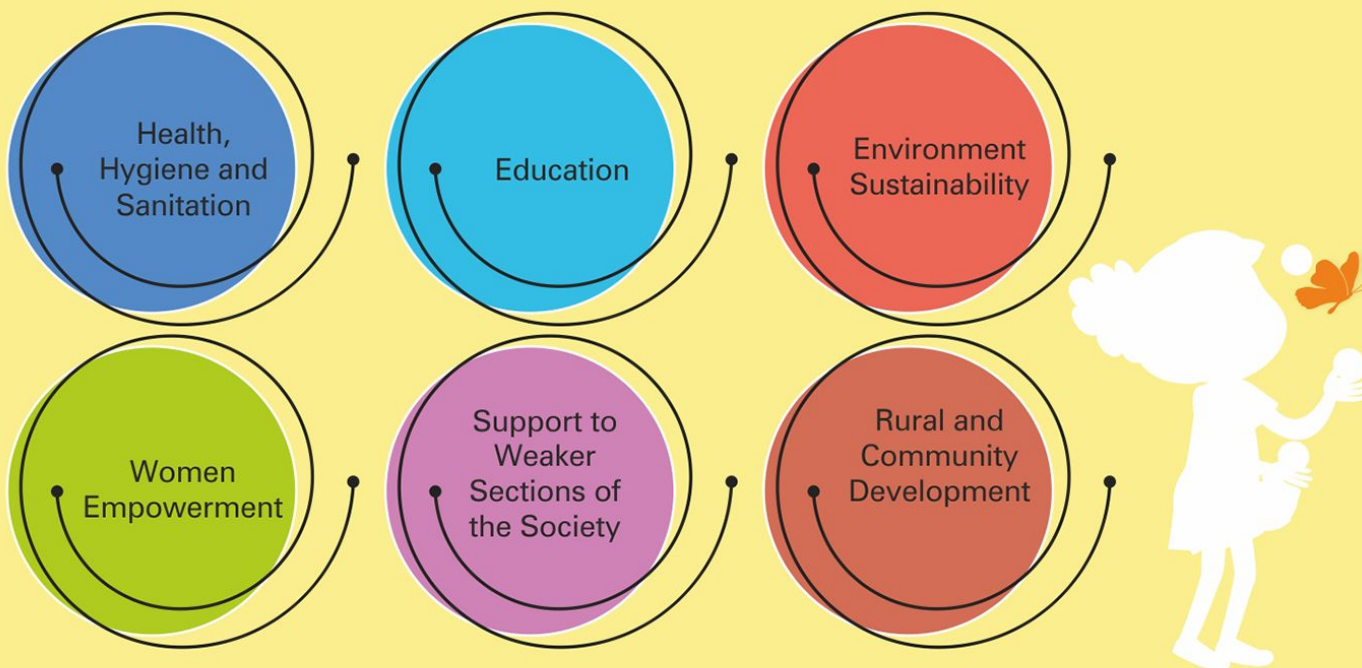
We continued with our CSR initiatives through the year with larger awareness and purpose. The world is increasingly becoming conscious of the inequalities between Nations, Societies, and Individuals. In the year 2015, United Nations launched Sustainable Development Goals (SDGs) agenda towards peace and prosperity of a healthy planet. The member Nations recognized that 'ending poverty and other deprivations must go hand-in-hand with strategies that improve health and education, reduce inequality, and spur economic growth – all while tackling climate change and working to preserve our oceans and forests'. (\*Source: <https://sdgs.un.org/goals>)

It gives us immense sense of joy and pride to realise that the CSR Philosophy and Policy adopted by the Promoters and Board Members of Transpek-Silox reflect the spirit of UN's vision of a peaceful, prosperous, and healthy planet. Our CSR Focus Areas find resonance with eight SDGs, namely:

## Sustainable Development Goals (SDG's)



## CSR Focus Areas of Transpek-Silox





Sustained initiatives in our focused areas have made positive difference to lives of the beneficiaries. We particularly receive emotional acknowledgments from community women at Ekalbara for Sanitation and Bathroom Units project. Water sump and pipeline project has immensely benefitted to the residents of Hynapura and Valipura part of Ekalbara cluster. Getting clean water on all seven days of the week has made a difference to women and children.

Inmates at Child and Women rescue centres at Vadodara continue to find dignity and purpose to their lives, thanks to our Activities Based Healing Initiatives.

In the year 2019-20, we launched Sustainable Farming and Livestock Management initiatives at Ekalbara on a modest scale. The results have been more than encouraging.

Last quarter i.e. January-March 20 had triggered worries due to COVID-19 pandemic. While our work continued undeterred during this period, we realised the importance of the SDG's and their implications on health and well-being of individuals.

The CSR Report for the 2019-20 comes to you in the form of electronic edition. We have consciously tried to make this report in more of an audio-visual format. You will get to read, see and hear voices of our CSR participants sharing their experiences and joys.

We'd be eager to receive your feedback and suggestions on this report.

*Happy Reading!*

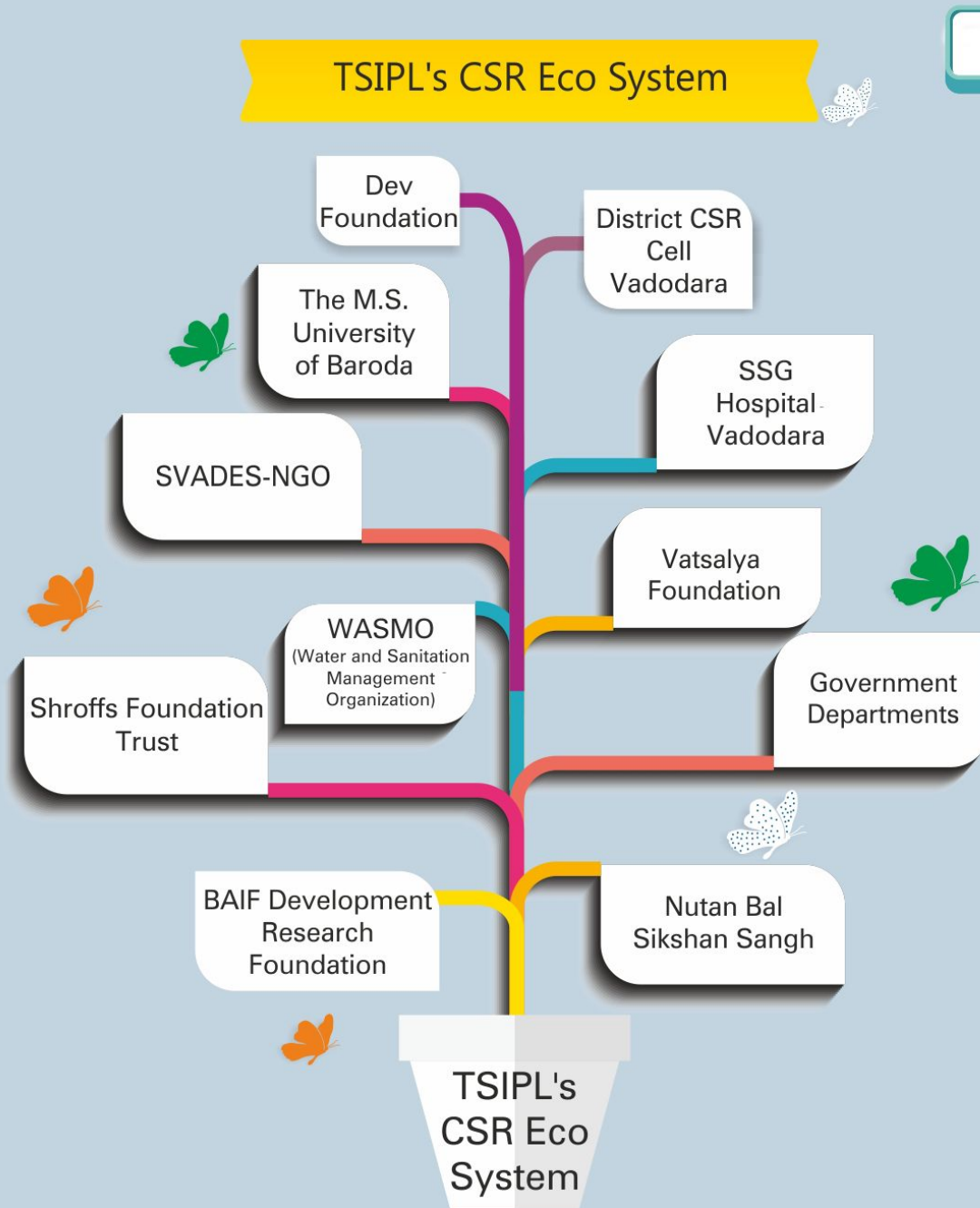
Rajesh Vaidya



## **SUSTAINABLE DEVELOPMENT GOALS**



# CSR Ecosystem and Commitments



Home

## CSR Commitments

- Anaemia free Ekalbara by 2022
- Open defecation free Ekalbara and women's right to dignity by 2020
- Skill oriented training opportunities for youth
- Water availability on all the days at Ekalbara villages by the year 2020
- Improve quality of education in Ekalbara schools by 25% (as under ASER survey) by the year 2020
- Continuous education and infrastructure support in schools and anganwadis for better education system, and reduction in school dropouts/absenteeism



# Highlights of the Year 2019-20

 Home



Health, Hygiene and  
Sanitation

Sr. No.	Particulars	Location	Beneficiaries
1.	Awareness sessions on Protection against HIV/AIDS were conducted for village community, truck drivers, labourers, ASHA workers and high school students.	Ekalbara	710
			<a href="#">Click for photos</a>
2.	More than 1500 beneficiaries were covered in the mega medical camps conducted in Ekalbara and Silvassa. Experts from multi- specialities like gynaecologist, paediatricians, ophthalmologists, oncologists, orthopaedic surgeons and general physicians participated and diagnosed the beneficiaries.	Ekalbara and Silvassa	1500
			<a href="#">Click for photos</a>
3.	Conducted Baseline Survey to determine the HB levels of community people of Ekalbara and Silvassa	Ekalbara and Silvassa	2500
4.	Provided impairment tools to 323 People with Disabilities (PWDs) at Ekalbara in 2019 under Project Saksham	Ekalbara	323
			<a href="#">Click for photos</a>
5.	Provided financial support to Vision Aid NGO for 14 Braille literacy devices - 'Orbit Reader 2.0' - and training to the visually impaired individuals.	Others	14
6.	Completed construction of 46 Toilet blocks (HSL) and 54 Bathroom Blocks(HB) in Ekalbara throughout the year (272 HSL and 139 HB till date)	Ekalbara	100
	<a href="#">Click for details</a>		<a href="#">Click for photos</a>
7.	Improved nutritional level amongst the anganwadi children at Atladara & Ekalbara, by providing nutritional snacks and milk powder.	Atladara and Ekalbara	450
			<a href="#">Click for photos</a>



# Highlights of the Year 2019-20

 Home



Education

Sr. No.	Particulars	Location	Beneficiaries
1.	100% children were enrolled in primary schools of Ekalbara and Silvassa	Ekalbara and Silvassa	821
			<a href="#">Click for photos</a>
2.	17 students of Ekalbara were provided with education scholarship for pursuing higher education under Project Udaan. The school dropout rate after class 10th has decreased to approximately 26.4% in 2019 as compared to 2018	Ekalbara	17
			<a href="#">Click for photos</a>
3.	Initiated Yoga classes for school children in Ekalbara Schools	Ekalbara	659
			<a href="#">Click for photos</a>
4.	Supported school infrastructure development – Construction of mid-day meal dining hall at Nana Ekalbara Primary School and Sanitation Block at Hynapura Primary School	Ekalbara	335
			<a href="#">Click for photos</a>
5.	Felicitated the girls who passed their SSC exams in Ekalbara, along with their parents, to encourage them for higher education	Ekalbara	21
			<a href="#">Click for photos</a>










# Highlights of the Year 2019-20

 Home



Environment Sustainability



In 2019-20, more than 7000 trees of 12 different species were planted at our manufacturing sites and surrounding communities at Atladara, Ekalbara and Silvassa; amongst which 2500 fruit bearing trees were provided to the community of Ekalbara and Silvassa.



[Click for photos](#)

Contributed to 'Cauvery Calling' initiative by Isha Foundation for planting 1500 fruit bearing trees, covering about 1 hectare of plantation



# Highlights of the Year 2019-20

 Home



## Women Empowerment



Conducted Menstrual  
Hygiene Awareness  
Sessions for more than 600  
women and adolescent girls  
of Ekalbara

[Click for photos](#)



- Sewing and Jewelry classes were conducted for the women of Ekalbara.
- Through our sewing classes, many women have started earning an income of INR 5000-7000 per month
- During the COVID-19 Lockdown in India, these women were encouraged to make hand-crafted face masks with purchase guarantee.
- The said women stitched approximately 20,000 masks which were then distributed to Government officials, Health Department staff, Police staff, media persons and to the company employees and their families.

[Click for photos](#)



# Highlights of the Year 2019-20

 Home



Support to Weaker  
Sections of the Society

- Art Based Healing therapy sessions were conducted at Nari Sanrakshan Gruh(State Home for Women).
- Special Education classes were initiated at Shishugruh (Child Care Institute).
- Moreover, Festival and Events were celebrated at the institutes.

[Click for photos](#)

About 40 employees contributed in the “ Share Happiness Drive” during Diwali by donating in kind and distributing the gifts in the slum areas of Vadodara.

[Click for photos](#)

Transforming the lives of the inmates at Nari Sanrakshan Gruh and Shishugruh

Case study by  
Ms. Trupti Pandya



# Highlights of the Year 2019-20

 Home



Rural and Community  
Development


## Sustainable Agriculture and Livestock Management

- Agriculture and allied industries continue to be an important source of self-employment and income generation in India. There is a strong case to improve farm yield and livestock productivity through simple yet effective measures.
- Transpek-Silox, as part of its CSR initiative, has launched a long term project titled "Sustainable Agriculture and Livestock Management" at Ekalbara village cluster in Gujarat. Ekalbara Gram Panchayat and BAIF Development Research Foundation are our collaborators. BAIF played an important role in Operation White Flood and we are privileged to learn from their expertise.
- This project includes activities like Vermicomposting, Horticulture Plantation, Animal Deworming, Animal Insurance, Animal Health Camps, Training Programs on Scientific Agriculture Practices and Livestock Management.
- An inaugural program to launch the project was organized on 1st June 2019
- It was planned to cover 1239 beneficiaries under the project for the Financial Y2019-20. 1271 beneficiaries were covered through 11 initiatives.







Sr. No.	Name of the Activity	Beneficiaries covered
Livestock Management		
1	Livestock Management - Training Programme	225
2	Animal Deworming	350
3	Animal Vaccination	290
4	Veterinary (Animal General Health) Camps	231
5	Animal Insurance	50
Agriculture		
6	Distribution of Green Fodder Saplings	20
7	Installation of Vermicompost Beds	18
8	Installation of Chaff Cutter Machine through Women's Self-help Groups	18
9	Soil Testing	25
10	Agriculture Training Programmes	40
11	Horticulture Plantation and Creeper Vegetable Cultivation	4
Total		1271



## Objectives

- To provide platform to the dairy farmers to get together and share information about modern scientific practices in Dairy Cattle Management.
- To get feedback from the farmers to get enough relevant materials for policy and programme formulation.
- To promote interaction among dairy farmers.
- To increase awareness among farmers about scientific dairy management practices, training through technical experts is essential. This will be helpful to solve the queries and problems encountered while doing dairy farming. Training programmes will be organized at individual village level.

[Click for photos](#)

## Why Women Participants in Training Programme?

Priority was given to women as most of the work regarding feeding and watering of animals is the sole responsibility of women. Majority of women are participating in milking of animals, cleaning of milk utensils, cleaning of milking shed and animals, disposal of dung and preparation of dung cake. The role of dairy farm women is not recognized as economic contribution and they remain as unpaid labour.

## Topics Covered in the Training Programme

- |   |                                  |
|---|----------------------------------|
| ■ Scientific Animal Housing             | ■ Calf Rearing                   |
| ■ Breeding of Animals                   | ■ Care of Pregnant Animals       |
| ■ Importance of Artificial Insemination | ■ Clean Milk Production          |
| ■ Balanced Concentrate Formulation      | ■ Diseases in Bovines            |
| ■ Eradication of Ectoparasites          | ■ Importance of Feed Supplements |
| ■ Importance of Vaccination & Deworming |                                  |



## Details of the Programme

[Click for details](#)

- 6 Livestock Management training programmes were organized in 6 hamlets of Ekalbara village in which 225 women farmers participated.
- More emphasis was given on calf rearing and care/management of pregnant animals and importance of feeding supplements to calves, growing and lactating animals.
- Women farmers were satisfied with information received on balanced concentrate ration which is directly related with milk production and reproduction.

## Output/Impact

- Increased awareness among farmers for scientific breeding resulted into increased number of inseminations.
- Increased awareness for feed supplements resulted into gradual increase in milk production.
- Increased awareness for health care services resulted into excellent response for breeding activity and deworming programme.
- This also helped the beneficiaries to know how innovative technology can help them to improve the status of their animals and production.
- Increased awareness on heifer rearing.
- Helped the beneficiaries to understand that livestock is a source of self-employment at their native place.



- Worm infestation is the one of the most important factors that affects livestock productivity and lowers the genetic potential of the animals. It affects all classes of livestock and constantly hampers the development of livestock industry. The animals become unfit, prone to other infections and ultimately death occurs especially in young animals.
- It is a routine practice throughout the world to control worm infestation, maintain the health status and production improvement of the animal through deworming (a management tool). Initially in Ekalbara village, farmers were negligent to do periodic deworming of their animals, which resulted into stunted growth in growing animals, increased age of maturity, long intercalving period, low productivity and mortality in calves. The Project team has taken rigorous efforts to motivate farmers for deworming as routine practice in all animals.



## Objectives:

- To increase awareness among livestock holding families for periodic animal deworming.
- To improve health conditions of milking animals for increasing milk productivity.
- To reduce calf mortality occurring due to heavy endoparasitic infestation.

## Details of Deworming

- 1000 animals of Ekalbara villages were treated with broad spectrum anthelmintic i.e. Fenbendazole @ 5mg/kg body weight out of 1000 total animals 95 were cows, 605 buffaloes and remaining 300 were heifers.

Sr. No.	Name of Village	Detail of Animals Dewormed					Total Beneficiaries
		Cow	Buffalo	Cow Heifers	Buffalo Heifers	Total	
1	Ekalbara	95	605	16	284	1000	350

## Output/Impact

- Improvement in health conditions of the animals.
- Intermittently encountered problem of foul smelling diarrhoea reduced.
- Reduced mortality percentage in calves.



## Animal Vaccination

[Back](#)

- Protection of animals against hazardous bacterial and viral diseases like Hemorrhagic Septicemia (HS), Black Quarter (BQ) and Foot & Mouth Disease (FMD) is important. These diseases cause heavy economic cause in terms of reduced production level and the farmer has to bear huge treatment cost as well as threat of animal loss in severely affected cases.



[Click for photos](#)

### Impact/Output

- After vaccination, zero case of morbidity for Foot & Mouth Disease (FMD) and Hemorrhagic Septicemia (HS) disease was reported.
- Increased awareness for vaccination.



Sr. No.	Name of Village	Detail of Animals Vaccinated					Total Beneficiaries
		Cow	Buffalo	Cow Heifers	Buffalo Heifers	Total	
1	Ekalbara	87	630	16	267	1000	290

## Veterinary Camps (Animal Health Care Camps)



[Back](#)

- Due to negligence among farmers, especially about feed and fodder, feed supplements, preventive health care, etc., animals are suffering from gynaecological disorders like anoestrous and long inter-calving period. Apart from this, farmers are not able to get animal health care services in time from technical experts, which results into heavy economic losses by rearing unproductive animals for long duration. Hence, there is a need to provide proper health care services on regular basis.



[Click for photos](#)

### Objectives

- To reduce long inter-calving period by early detection of causes of infertility.
- To increase the productivity of the animals.
- Better health by early diagnosis and treatment.

### Outcome/impact:

- 294 animals from 5 hamlets of Ekalbara villages were given the needed treatment.
- 194 animals were given the treatment for gynaecological disorders, out of which 48 animals were treated for Anoestrus and 136 animals were treated for Repeat Breeding Syndrome.
- Silent heat is the major problem in buffaloes due to which farmers are not able to inseminate their animals on time, which then results into long inter-calving period and the farmers have to bear heavy economic loss for rearing non-productive animals. For the same, mineral mixture was provided as well as awareness was created on regular usage of minerals for all growing and lactating animals for better productivity.
- 100 animals were treated for various clinical disorders and almost all the animals recovered from the same.



## Animal Insurance

[Back](#)

- The Animal Insurance Scheme has twin objective of providing protection mechanism to the farmers and cattle rearers against any eventual loss of their animals due to death and to demonstrate the benefit of the insurance of livestock to the people and popularize it with the ultimate goal of attaining qualitative improvement in livestock and their products.
- Transpek-Silox encouraged the first time insurer by paying up to 90% of the animal insurance premium. The strategy was to create awareness and encourage farmers to look at insurance as an important protective tool.



Sr. No.	Hamlet	Details of Insured Animals		
		Cow	Buffalo	Total
1	Hainapura		17	17
2	Valipura		20	20
3	Nana Ekalbara	3	4	7
4	Mota Ekalbara		4	4
5	Bhavpura		2	2
	Total	3	47	50



## Distribution of Green Fodder Saplings

[Back](#)

### Objectives

- To create awareness among farmers for fodder crop varieties.
- To reduce the cost of production of milk.
- To make fodder available throughout the year.



### Impact/Output

- Increased awareness among farmers for fodder cultivation.
- Improved availability of green fodder, which helped to meet requirements of fodder for growing and milking animals.
- Health condition of animals have been improved.
- Increased milk production.

### Objectives

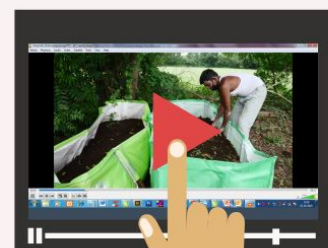
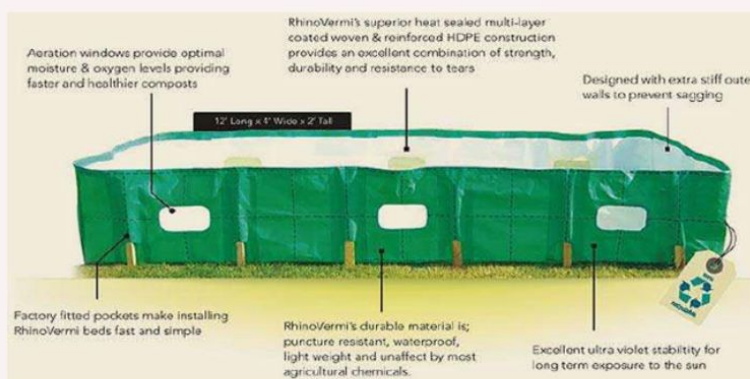
- To enhance the knowledge about organic farming among involved stakeholders.
- Obtaining a quality compost to be used as an organic amendment that contributes to improve soil fertility.



Click for photos

### Impact/Output

- Beneficiaries learnt the procedure for production of vermicomposting.
- Beneficiaries have started using the organic manure produced through vermicomposting in their agriculture field.
- Few beneficiaries have also started to sell the vermicompost to other farmers to earn income out of it.
- The beneficiaries understood the disadvantages of indiscriminate use of chemical fertilizer on soil as well as on humans.



## Installation of Chaff Cutter Machine

### Objectives

- To increase awareness among livestock holding families for efficient management of fodder.
- To improve health condition of animals.

### Impact/Output

Usage of chaff cutter machine has helped the beneficiaries as below:

- Saving of 30% fodder.
- Increased milk production by 6 to 10%.
- Improved health condition of animals.



Click for photos



## Objectives

- To determine the inputs required for efficient and economic crop production.
- To provide a farm management tool with a potential benefit to the farmers for increased yields, reducing operating costs and superior environmental risk management.
- To diagnose problem areas.
- To prepare complete nutrient management plan.



[Click for photos](#)

## Benefits of Soil Testing

- Soil Testing leads to more informed fertiliser decisions, reducing risks and increasing farm profitability in the long-term.
- Reveals the amount of plant-available macro-nutrients in the soil and where soil nutrients are in the soil profile.
- Identifies nutrients that could be yield limiting.
- Monitors soil health properties such as pH, EC and OC, which affect nutrient availability to crops and thereby yields and profitability.
- Supports decisions about fertiliser rate, timing, placement and product.
- Improved knowledge of the soil types within the farm, to maximise management options.
- Maximises in-season responsiveness.

## Output/Impact

- Farmers learnt the procedure of collection of soil sample for testing.
- Farmers understood the importance of soil testing.
- Awareness was created among farmers for crop wise efficient fertilizer application as required.


[Click for photos](#)

## Objectives

- To disseminate information on scientific agriculture practices for increasing productivity of land.
- To learn about advanced techniques, by observing and interacting with institutions having expertise.
- To apply the learning to their agrarian activities, for increasing in the income from their farms.
- To solve different emerging issues related to horticulture plantation.



## Methodology: Exposure Visits

Exposure visit is an important training methodology, as it enables the participants to interact and learn from each other, allowing them to view practical/real life situations of successful integration of sustainable practices in the said field. Exposure visits are organized so that people living in one place can visit another to observe and learn from their activities. This would go a long way in ensuring replication of activities in large numbers, leading to success of the project.

## Output/Impact

- The farmers learnt the importance of scientific agriculture practices and got motivation to adopt new technologies/ideas.
- Increased awareness for fodder cultivation and high yielding fodder crop varieties.
- Increased awareness for vegetable cultivation as cash crop.
- Increased awareness for organic farming.
- Increased awareness for horticulture plantation.
- Increased awareness on the importance of soil and water conservation.



# Horticulture Plantation and Creper Vegetable Cultivation

## Objectives

- To increase awareness among farmers for high density horticulture plantation.
- Develop source of nutrition by producing fruits like mango, guava and lemon.
- To create awareness among farmers for new improved crop varieties.
- To increase farm productivity.
- To improve economic status of marginal farmers.

## Output/Impact

- Increased awareness among farmers for horticulture plantation and scientific agricultural practices.
- Increased the farm productivity.
- Increased the green cover in Ekalbara village.


[Click for photos](#)




## Case Studies (Sustainable Agriculture and Livestock Management)

[Back](#)

Name of Beneficiary  
Padhiyar  
Amarsinh  
Natavarsinh

[Click for detail](#)



Name of Beneficiary  
Desai  
Maheshbhai  
Ranchhodbhai

[Click for detail](#)



Name of Beneficiary  
Padhiyar  
Kesharisinh  
Harisinh

[Click for detail](#)



Self-Help Group  
Maa Ravechi  
Mahila Mandal,  
Nana Ekalbara

[Click for detail](#)



Name of Beneficiary Rabari  
Vijaybhai  
Shankarbhai

[Click for detail](#)



## Overall Outcome / Changes Observed

[Back](#)

- Through 6 Livestock Training Programs, 225 women pastoralists have been trained in Livestock Management. This has helped in increasing milk production of cows and buffaloes by 10-12%.
- Artificial Insemination after two months of calving has reduced the interval between two calving to 13-15 months.
- Increase in Green Fodder cultivation has reduced animal maintenance cost.
- The beneficiaries have started taking care for the calves born through artificial insemination.
- Animal Deworming has reduced the calf mortality rate by 5-6%. Good health has been observed among the older animals.
- In the veterinary camps, 102 animals were artificially inseminated (some of them were infertile). Out of these animals, 65 animals are going to give birth and have started producing milk. The monthly income through the milk production of one animal is INR 4000 to 5000. Hence, a monthly income near to INR 3,00,000 is generated through 65 animals.
- Due to the agriculture training of farmers, a change has been observed in them in terms of usage of chemical fertilizers, water preservation and crop protection. This has also reduced their overall cost.
- 36 vermicompost beds were installed at the homes of 18 beneficiaries. 200 kg compost is generated from each vermicompost bed, which is equal to almost 6000-7000 kg of compost through 36 beds. This has reduced the usage of chemical fertilizers. Also, the cost related to buying the chemical fertilizers among the beneficiaries is reduced and the fertility of the soil has increased.
- The usage of chaff cutter machine saves 10% of the fodder. Giving 200 kg of fodder daily to 60 animals of a group saves 20 kg of the fodder (i.e. Saving of 600 kg per month). With the market value of Rs. 15 Rs per kg for the fodder, saving of INR 9000 is generated.



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# Awareness session on Protection against HIV/AIDS



[Back](#)





# Mega Medical Camps



[Back](#)





# Saksham - Disability Camp



[↶ Back](#)





# Sukhadi Daan Yojana: Anganwadi Nutrition Development Program



[↶ Back](#)





# Construction of Household Sanitation Latrines (HSL) and Household Bathrooms (HB)



[Back](#)





In 2019-20, more than 7000 trees of 12 different species were planted at our manufacturing sites and surrounding communities at Atladara, Ekalbara and Silvassa; amongst which 2500 fruit bearing trees were provided to the community of Ekalbara and Silvassa.

[Back](#)





## Journey Towards Open Defecation Free Ekalbara

[↶ Back](#)

Year	HSL (Household Sanitation Latrines)	HB (Household Bathrooms)	Total
2015-16	52	-	52
2016-17	103	-	103
2017-18	34	18	52
2018-19	37	67	104
2019-20	46	54	100
Total blocks constructed	272	139	411



# Sakhi : Menstrual Hygiene Awareness Program

[Back](#)





# Prerna: Moving towards Self- Independence

[Back](#)



# Transforming the lives of the inmates at Nari Sanrakshan Gruh and Shishugruh

[Back](#)





# Share Happiness Drive

[Back](#)





# Livestock Management Training Programme



[Back](#)





 Back

# Animal Deworming



# Details of Participants

[Back](#)

Sr. No.	Name of Village	Hamlet (Faliya)	Training Programme organized on Date	Participants			Animal Holding Status of Participants				
				Female	Male	Total	Cow	Buffalo	Cow Heifers	Buffalo Heifers	Total
1.	Ekalbara	Hainapura	04. 9.2019	44	0	44	5	74	2	28	109
2.	Ekalbara	Nana Ekalbara	06.10.2019	35	0	35	2	48	1	16	67
3.	Ekalbara	Mota Ekalbara	26.11.2019	38	0	38	4	52	2	26	84
4.	Ekalbara	Hainapura	06.01.2020	30	0	30	3	58	1	23	85
5.	Ekalbara	Indira nagari	14.02.2020	40	0	40	6	72	2	34	114
6.	Ekalbara	Valiapura	15.02.2020	38	0	38	3	58	1	29	91
	Total			225	0	225	23	362	9	156	550



 Back

# Animal Vaccination





# Veterinary Camps

(Animal Health Care Camps)



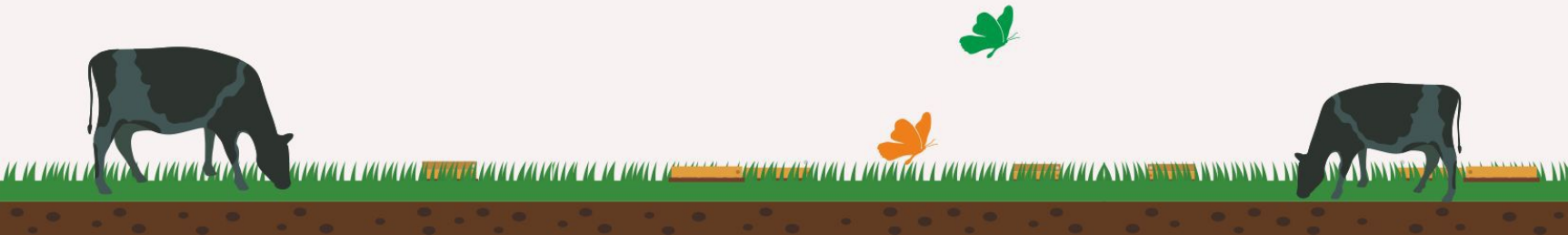
[Back](#)







## Animal Insurance



# Distribution of Green Fodder Saplings



[↶ Back](#)



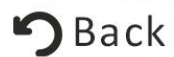


# Installation of Vermicompost Beds



[Back](#)



[illegible]



 Back

# Soil Testing



# Agriculture Training Program



Back





# Horticulture Plantation and Creeper Vegetable Cultivation



[Back](#)





# Education kits distribution in school enrollment program



[Back](#)





# Udaan - Scholarship Program



 Back



# Yoga classes at Ekalbara Schools



[Back](#)





# School Infrastructure Development



Back



Mid Day Meal Dining Shade at Nana Ekalbara Primary School



Sanitation Block at Hynapura School

# Pragati - Promotion of Girl Child Education



[Back](#)





## Case Study - 1

[Back](#)

Name of Beneficiary:-  
Padhiyar Amarsinh Natavarsinh



### Support Received From the Project

- Agriculture Training cum Exposure Visit
- Horticulture Plantation
- Creeper Vegetable Cultivation (Ivy Gourd/ Gilodi)
- Vermicompost Beds
- Animal Insurance, Animal Vaccination, Animal Deworming, Animal Veterinary Camp, Livestock Management Training
- Green Fodder Saplings

Amarsinh Padhiyar is a small marginal farmer who earns his living on agriculture and animal husbandry. Making animal husbandry profitable requires professional knowledge and a scientific approach. Amarsinh and his wife own three buffaloes. With the support of this project, they get regular vaccination done for their buffaloes and also give regular treatment to their buffaloes through veterinary camps. After his wife started attending livestock management training programs, they adopted a scientific approach for animal husbandry through which the buffaloes are now able to produce 12 liters of milk per day. Earlier, they used to spend INR 5000 per month for purchasing cattle feed; whereas now, after receiving help through the project, they prepare the cattle feed at their own farm. Amarsinh and his wife are able to earn an income of INR 480 per day through animal husbandry, which is equal to an approximate earning of INR 14,400/- per month. In the last six months, they have earned an income of approx. INR 95,000/- rupees from animal husbandry.

With the support of Transpek-Silox and BAIF, Creeper Vegetable (Ivy Gourd/Gilodi) mandap has been set up at his farm in one acre area (0.5 acres through project and 0.5 acres through his own contribution). This has reduced the cost of his farming. He also prepares the organic manure himself through vermicompost beds provided in the project. He has earned about INR 40,000 to 50,000/- by selling these vegetables.

Amarsinh has earned an estimated income of INR 1,50,000/- from animal husbandry and agriculture production throughout the year

Amarsinh feels grateful to Transpek- Silox and BAIF for providing help and guidance to him, which has helped him to maintain his income even in difficult situations like COVID-19 lockdown.





## Case Study - 2

[Back](#)

Name of Beneficiary:-  
Desai Maheshbhai Ranchhodbhai



Support Received From the Project

- Livestock Training
- Veterinary Camps
- Animal Vaccination
- Animal Insurance
- Animal Deworming
- Chaff Cutter



Maheshbhai is a pastoralist who earns his living through animal husbandry. He is landless and has no other choice than animal husbandry for earning his daily living. The profit margin in animal husbandry was less than the cost, so the income was less despite the hard work and efforts by Maheshbhai and his family.

Earlier, they used to spend 80% of their money on buying fodder for his animals, due to which the profit margin was low.

When TSIPL and BAIF started the project in Ekalbara village, Maheshbhai and his wife took interest in this project and participated in various activities related to Livestock Management. They started using the scientific methods in animal husbandry, with the information provided in the training programs. With the help of this project, they were able to give regular treatment to the animals suffering from common diseases. This helped them in increasing the milk productivity of their animals and also started earning good income out of it.

After the installation of chaff cutter machine near their home, they were able to save about 10 % of fodder by cutting the fodder through the machine

Thus, by adopting scientific approach, he increased his income and maintains 60- 40 profit margin. He has also changed accommodation and built a new shed.

At present, Maheshbhai and his family are able to sell 62 liters of milk on a daily basis (i.e. 1860 liter per month). They get a monthly earning of INR 52,080, which is equal to approx. annual earning of INR 5,00,000/-.





## Case Study - 3

 Back

Name of Beneficiary:-  
Padhiyar Kesharishinh Harishinh



### Support Received From the Project

- Agriculture Training cum Exposure Visit
- Horticulture Plantation (40 Mangoes)
- Vegetable Creeper Mandap for Ivy Gourd/Gilodi
- Vermincompost Beds

- Keshrishinh is a farmer. He and his young son have been thinking of doing something new and innovative in farming since a long time. When the project was launched at Ekalbara village on 1st June 2019, they were glad and excited to know that the project will be focused on Sustainable Agriculture and Livestock Practices.
- Keshrishinh participated in the exposure visit organised by TSIPL and BAIF, where he received a lot of information on Scientific Agricultural Practices
- He showed his interest in the Horticulture and Creeper Vegetable Program and also started occasionally visiting and consulting the farming experts from the project. This is how he got a new direction in farming.
- He earned an income of more than 1 lakh rupees from the Eggplant and Ivy Gourd cultivation at his farm.





### Self-Help Group:- Maa Ravechi Mahila Mandal, Nana Ekalbara



Support Received From the Project



- Installation of Chaff Cutter

Maa Ravechi Mahila Mandal is a women self help group started by TSIPL and BAIF under the Sustainable Agriculture and Livestock Management Project. A total of eight pastoralist women are attached to this women self help group. The females in this group have 50 to 55 animals. Monthly milk production of these animals is 2200 to 2500 Litres.

A chaff cutter machine is installed near the homes of these women, through which the women can cut the fodder into small pieces before feeding it to the cattle. This reduces the damage of the fodder and it becomes easy to chew and digest for the animals.

They cut 150 kg dry and green fodder per day through chaff cutter machine and feed it to their cattle.

Earlier, approx. 10% (i.e. 15 kg of the fodder) was wasted on a daily basis. Now they are able to save the 10%, which results into a saving of 450 kg of fodder per month and 5500 kg of fodder annually.

An annual saving of INR 55,000 (Rs. 10/KG) is generated after the installation of the chaff cutter machine.





## Case Study - 5

[Back](#)

Name of Beneficiary:-  
Rabari Vijaybhai Shankarbhai



Vijay bhai is a pastoralist who owns 18 animals (cows and buffaloes).

With the guidance and help of TSIPL and BAIF team, he gained confidence and a scientific approach in animal husbandry.

His wife regularly attends livestock training, which gives them information about animal care and nurturing. They are also now able to regularly vaccinate their animals and provide them timely treatments through veterinary camps. Due to the installation of chaff cutter near his home, they are now able to save fodder and the money invested to buy cattle feed. Their animals are also now in healthy condition, which helped them in increasing the milk production.

Vijaybhai is now able to earn an income of Rs. 20,000 per month through animal husbandry.





# Transforming the lives of the inmates at Nari Sanrakshan Gruh and Shishugruh

Back

With the support of Transpek Silox at the government shelter homes for children, adolescents and women, conducive and hygienic spaces was established through supporting infrastructural changes, nutritional aid, medical intervention, and psychological aid to build a healthy ecosystem enhancing the mental and physical health of pregnant women and those with HIV, TB and other health issues.

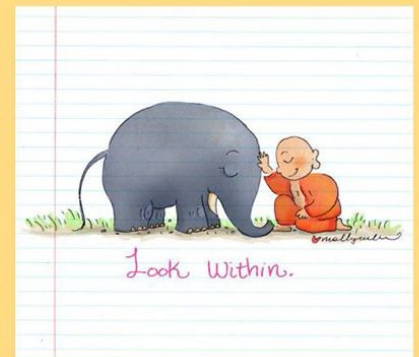
Working as a counselor in these homes from last three years, my work seems evolving each day leading to an intangible web of trust, courage, and resilience. My work is based on the philosophy of 'Kintsugi', and that every person is whole, unique, and has the capacity to heal oneself.

The work focuses on building a safe, inclusive and resilient community while also focusing on individual healing through circle work, taking dignity, equality and human difference as core values. The programs are based on the principles of psychology, creative art forms, and alternative means for healing such as farming and meditation to instill a better sense of self and transcend to a more peaceful and virtuous life for people coming from all walks of life.

Through our work in the past year, the major shifts that have been observed within the community inside these shelter homes are:

## From Outside to Inside

Most of us are wired to blame the other for our own suffering, expect change in them and seek for solutions outside but we hardly observe our own shadows and blind-spots which leads to looping into negative thoughts, emotions and behaviors. How do we identify both our strengths and our weaknesses and how do we strengthen the goodness and diffuse the latter?



The process started with all the inmates sitting together, including the women who are on mental health spectrum. We would start with a general check-in questions like how were they doing and gradually transition into deeper questions related to self, values that are important to them, vision for life, etc. This process needed both patience and persistence. There was lot of resistance initially, but as the process started unfolding, we could observe that the inmates started to open up, be vulnerable, and most importantly started to listen to the voices that would generally not speak or are ignored due to their mental inability or any other kind of biases.

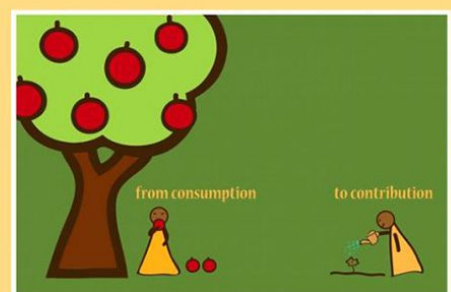
This culture of looking within and introspecting led to two important things:

- (i) Knowledge about Self
- (ii) Knowing about Others.

Both these aspects led to many to many learning where each one could connect to many of the stories and insights shared within the group which helped built resilience, sharing space and relationships. Along with circle work, we even introduced Anapana meditation to anchor the mind and bring in mindfulness in day to day life.

## From Consumption to Contribution

Initially the focus of the inmates was more on what am "I" getting or how I am benefiting especially in terms of their "material needs". This urged them to "consumption mode" which led to more demand on things that would deplete, and made them dependent on outside resources.



Next

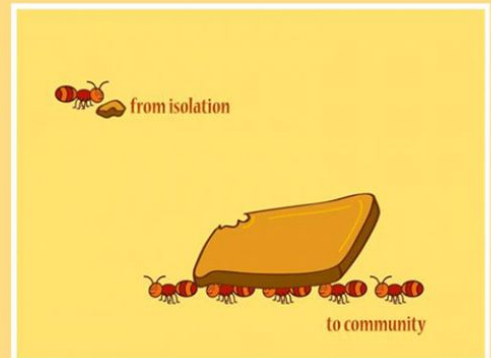


- To shift this paradigm it was important to make them self sufficient through building their skill and also identifying their skills and sharing those gifts other inmates. This led to increase in their self esteem, and confidence. It gave them an opportunity to lead a session, teach, and work within a team at the pace of everyone. Because of this shift, they started seeing themselves as contributors to the eco-system. Activities such as farming, quilling, clay work and other crafts is included as part of their vocational training for sustainable livelihood and for lesser dependency on the outside market.

### From Isolation to Community:

Due to collaborative, collective and compassionate programs for community building, including farming, and social celebrations led to a shift from indifference to empathy and isolation to community. As everyone participated in these observed formation of self-help groups within the ecosystem, lowered tendencies of self-harming and suicidal behaviors and a growing sense of belonging and self-worth among the inmates.

There focus has shifted from “Me” to “We”, have started looking out for each other, and are sensitive to the needs of the other to a great extend. Due to this there is less friction between the inmates. Even if there is a fight, the inmates try to resolve it themselves rather than waiting for the staff to resolve it.



### Value based and experiential learning at Infant home

With children also, behavioral therapy, art therapy has been introduced for anger management, separation anxiety, childhood depression, violence, and fear for children at the infant home. Value-based learning is also an integral part of our sessions which is done through mediums such as storytelling, short films. Concepts such as shapes, time, color, alphabets and words are done through experiential learning like body movements, free association or play method.

Recently mindfulness activities has been introduced to children through basic activities like breathe watching, mindfulness bell, prayer and omkar to sow the seeds of awareness. Yoga, and free dancing is also part of our sessions. Most importantly, after a rapport of more than two years, there is a safe space which is created with the children that gives them a sense of safety, expression and learning.

In summary, I look forward to applying the insights gained from my experience of designing and facilitating person centric and community focused processes in these institutions to enhance mental health, social health, and spiritual wellbeing.



- Trupti Pandya (TSIPL Counsellor at Narigruh and Shishugruh)