



## Key Highlights

TCSRDR chosen as a project implementing agency for CADP

Clearance from the Gujarat water supply board to install RO plant in six more villages

Construction of 127 rain water harvesting structure, benefitting 165 families.

255 acres of land treated under the land reclamation program

Knowledge building session on best agricultural practices in the USAR land for 171 farmers was held at Babrala

Success of pond management project in Akubpur village has led to the initiation of the project in 4 new villages

Rural Entrepreneurship Development Program initiated in Mithapur and Babrala reinforces the company's commitment towards achieving the goal of inclusive Building the capacity of the youth and by providing vocational training under the REDP is one such Initiative on Affirmative Action for the SC/ST communities

120 children

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## Coastal Area Development Program

The Coastal Area Development Program (CADP) at Mithapur aims to create infrastructural facilities for drinking water supply in the salinity affected coastal villages. TCSRDR, chosen as a project implementing agency, has been assigned the responsibility for implementing the CADP in the Okhamandal and Kalyanpur region. The project is being implemented with community participation which includes training of community members in planning, implementation and management of the infrastructural facilities created for them. This involves formation of village level committees, conducting Participatory Rural Appraisals (PRA), technical and social surveys, designing, laying and commissioning of water supply pipeline networks and associated infrastructure, collection of beneficiaries financial contribution, management of finance, maintenance of the system etc. Work is in progress in 15 villages which includes 6 villages of Okhamandal taluka/block and 9 villages of Kalyanpur taluka/block.

Gram Sabha (Village meeting) was organised at Baradia village and an amount of Rs.1.23 lacs was collected as community contribution for the project and has been deposited with the Water & Sanitation Management Organisation. The first installment of Rs.3.4 lacs has been released by the Govt. and work has been



### CADP Pani Samiti Meet

initiated. Around 130 households of Baradia village and 60 of Vachhu village will be benefitted from this project.

Construction of a 30,000 litre cistern at Suryavadar village and laying of pipeline network for providing water supply to additional households at Poshitra and Mojap villages has been completed. Technical sanctions have been received for the water supply work at Bhatia and Lamba villages. Deepening of the community pond at Virpar village is about to complete. Once completed, it would provide assured water supply round the year to the Virpar village.

A review meeting has been organised at Gorana village in partnership with NRDA Foundation to discuss the wayforward for the CADP activities.

## Reverse Osmosis Plants for water supply

The CEO of Gujarat Water Supply Board visited Lalpur and Samlasar villages to see the working of the Reverse Osmosis water treatment plants. Clearance for installation of such RO plants in 6 more villages has been granted. These plants are designed for a capacity of 250 litres of potable quality water per hour. The required surveys and other ground work has been completed. The plant installation work would start soon.

A workshop on drinking water with primary school heads and teaching staff was organised at Mithapur to finalise the installation of RO plants in 16 schools.

Qualitative analysis of water samples brought by the school personnel was also done. A total of 67 members including primary school principals and staff, Govt. Officers and members from the Water and Sanitation Management Organisation

attended the workshop.



RO Plant in Samlasar Village

## Watershed Development Program

Rainwater harvesting activities have been the prime focus under the watershed development program in the Okhamandal region. Construction of 127 rain water harvesting structures, including farm bunds, farm ponds, percolation tanks and checkdams completed during the reporting period. It is expected that 165 farmers would be benefitted from the above mentioned rain water harvesting structures.

Gypsum treatment and organic manure application was arranged and a total of 255 acres of land was treated under the Land Reclamation Program. 64 set of sprinklers were also distributed to the beneficiaries helping them to use the water to its

optimum capacity.

Fish seeds were arranged and released in two ponds as a part of the fisheries development program. Guidance was also given to the local self help group members for management of these fish ponds.



Farm Bund

## Farmer Training Program



A training session for farmers was conducted at Bhirawati. Seed production, paddy cultivation, animal husbandry were some of the topics for discussion. Renowned trainers from Krishi Kendra Ujhani came as the resource persons. 171 participants participated in the session.

Queries related to best agricultural practices were solved by the expert team. The farmers were informed about best

agricultural practices in USAR land. The training helped the farmers to enhance their agriculture technical know how on USAR land.



Farmer's training in progress

## Exposure visit for Poultry Farming

An exposure visit on poultry farming was organized by TCSR D Babrala for 12 farmers from core command villages at Etah.

The objective behind the visit was to sensitize farmers about poultry farming as alternative source of income.

The visit helped the farmers to update their knowledge on the use of the latest technology to set up a poultry farm. They

learnt about shed development, upkeep and marketing of boilers.

# Seed Production Visit

An exposure visit of the staff to Narad Singh farm at Faruqabad in July this year was organized. The staff learnt about agro climatic region, plot selection, roughing, variety selection, and land preparation, isolation of seed and treatment of seeds, weed control etc. The aim of the visit was to initiate setting up of seed production center in

the region. The opening of a seed production center will help the farmers get the supply of seeds at cheaper rates and make quality seeds available on time. The point that was stressed during the visit was the need for a seed production centre to give attention to the maintenance of genetic purity of seed. Seed production has now been initiated in

## Training & fingerlings distribution in 5 villages

After the success of the model pond project in Akubpur village, TCSR Haldia plans to replicate the pond project in four new villages.

After conducting the community meetings in the targeted villages, TCSR Haldia along with the two village master trainers imparted training on scientific methods of pond management to six new groups.

The training module consisted of maintenance of pond, water treatment and care of the fish for their proper growth.

After successful completion of the

training, fingerlings were distributed to 91 families who are practicing pisciculture, with 25% contribution coming from the beneficiaries. The fingerlings consisted of Rohu, Katla, Mrigal, Silver Carp, Bata, Cyprinius Carp, Grass Carp.



## Self Help Group promotion



Awareness and training programs have always been an important activity for the women SHG members. 8 one day awareness programs on "Women Empowerment through Self Help Groups" were organised during this quarter. The one day program have been designed to create awareness on the role of women in addressing social issues and the importance of an integrated and holistic approach towards the empowerment of women. 80 women of the SHG attended this program.

## Affirmative Action Program

Under the Rural Entrepreneurship Development Program, 12 girls were trained for two months in computer skills, tailoring and beauty parlour management by Dalit Shakti Kendra, Ahmedabad. The two months training





# Rural Entrepreneurship Development



program included Achievement Motivation Trainings at Samlasar and Hamusar villages. Other skill building training programs conducted during the reporting period were three months tailoring program at

Surajkaradi and Samlasar for 50 women; a Bandhej training for 30 women; a five day beadwork training in collaboration with "GURJARI"; a two months advance training

program for handicraft artisans sponsored by the Guajrat State Handloom & Handicrafts Development Corporation .

A five day entrepreneurship training was also conducted separately for Self Help Group members under the Hariyali program. 20 women SHG members attended the same

## Paper bag making and lamination work training and kit distribution

Training programs on paper bag making and lamination work were organised with support from the Gram Technology Dept. The aim of this training program is to enable them to start their own production. The participants selected for the program were from the weaker section of society. Production kits of Rs.4,500/- each were given at the end of the two month long training to all the 53



## Rexene Products Unit

The Rexene products unit manufactured and delivered 2,000 school bags to the primary school students under the state government's

"Shala Pravesh Utsav" program. The unit has also been given an order for 10,000 school bags by GRIMCO . Work for the same is in progress.

## Initiatives by SHG Babrala

**Paper Envelope:** Micro enterprise of paper envelope was started by SHG members of Lodhinagla village. An entrepreneur imparted training to five SHG members. They were motivated to start their own enterprise of making paper envelopes at their home. After training they started the activity with the initial investment of Rs 1500 and now they are doing well by selling the paper envelopes in nearby markets.

**Milk collection centre:** Babrala region is rich in agriculture and animal husbandry. Milk selling is one of the major source of income generation activity. TCSR D organized meeting with the villagers along with Area Manager of Mother Dairy, Bhakroli to carry out need assessment for setting up Dairy . During the meeting it was

suggested to open milk collection center in Kail ki Madhiyan village. The ownership and management of the center was given to Ganga Self help group. The officials from Mother Dairy helped them set up the milk collection center providing necessary materials for the same. The collection center is benefiting both milk producer and the Mother Dairy by providing pure milk. The opening of the milk collection center has provided employment and has become a channel towards dairy development not only to SHG members but to others who collect milk

# Earth Day celebration



## Mangrove plantation program:

was arranged at the Rukshmani Creek site at Dwarka as

part of the "Earth Day Celebration" program. Officers from the taluka/block administration, the Gujarat Pollution Control Board and the Marine National Park Dept. attended the program and planted mangrove saplings. 30 acres of plantation have been done under the Dharti Ko Arpan Banner.

## Training on Tailoring under SAMRIDDHI Project

In 2009-2010 TCSR had initiated project SAMRIDDHI which aims at enhancing the skill of the Self Help Group members and developing a replicable model of an institution and link it with income generation activity.

Under this project training on tailoring has been completed for 50 SHG members of Kumarchak and Akubpur village. The training was imparted by the technical partner Jan Shikshan Sansthan. The 6 months long training module comprised of designing, cutting, and stitching of general clothes of children, men and women. An exposure visit was also organized for the trainees to learn about the backward and forward linkages of starting a business.

After the completion of the training program

a test was taken to assess the learning of the trainees. Some of the women who completed this training are practicing tailoring at their homes and some have started their own business where they are making new clothes and repairing old clothes.



## Ray of Hope – SAMRIDDHI Project



**Ms. Kalyani Mandal** who had taken training on tailoring under Samriddhi Project has started her own shop at Durgachak area.

She belongs to scheduled caste and is a resident of Kumarchak area. Her husband left her and her daughter alone. Her daughter is at present studying in class five. Providing tuitions was the only source of earning for her. She was facing the

shortage of money and was finding it difficult to meet the ends.

The project Samriddhi brought a new ray of hope for her. She participated in all the training classes of tailoring at Kumarchak with sincerity. She has set an example for the other group members by opening her own tailoring shop at Durgachak. At present she is making new petticoats and blouses for the women customers and is able to earn a profits of Rs. 1000 (approx) per month. She is willing to develop her shop by making clothes of men and children.

She is now working towards linking to a bigger market so that she is able to expand her business and lead a life with dignity in society.

## Caspian Terns nesting at Charakla Salt works



This year too, the nesting of Caspian Terns (*Hydroprogne caspia*) has commenced at our Charakla Saltworks from mid-May onwards. Monitoring of the nesting activities was done on regular basis

Over the years, the Charakla Saltworks has been attracting and sustaining a very diverse and rich birdlife and has emerged as an important bird area.

The Black neck Grebes (*Podiceps nigricollis*) have been visiting this place very regularly. Some 3300 plus of these birds were sighted here last winter. In fact, a lesser population

tends to stay here throughout the year. More than 50 Great Crested Grebes (*Podiceps cristatus*), all in their breeding plumage, were recorded here in June '10. It is rare to find Great Crested Grebes together in such large numbers. The regular nesting of the Caspian Terns further augments the importance of this site. Charakla Saltworks is the only known active nesting site for Caspian Terns in the country as of now. 100 plus nests were recorded in mid June

## Mukhteshwar waterfowl nesting site Development

A The "Mukhteshwar" community pond at Kuranga village harbours a nesting site for waterfowl and birds like the spoonbills, painted storks and herons have been nesting here on regular basis. Work on construction of earthen platforms and mounds for tree plantation for providing additional nesting sites to these birds has been completed.

Tree plantation work at site is in progress. Additional bamboo structures have also been erected to encourage the birds to take up nesting.

This is a pilot attempt and if successful, more such structures shall be erected.

## Eco Club and other Activities

The starting of the new academic year at the **ECO Club** schools was marked by tree plantation programs. Arrangement for required saplings was made and tree plantation was arranged at 7 ECO Club schools in villages around Mithapur TCSR is further planning to give training to the farmers.

**Marine Turtle Survey:** The Arabian sea coast of the Okhamandal region plays host to nesting of the Olive Ridley and the Green turtles. Fortnightly surveys were carried at 6 turtle nesting sites to monitor the nesting activities and the mortality of these endangered turtles.

**Tree plantation** has been done at Gopi and Poshitra villages, in partnership with the Marine National Park Dept. (MNP) as a part of MNP's **ECO Development program** for these villages.

Earlier, meetings were organised at these villages for distribution of solar cookers. Senior officers from the Gujarat State Forest Dept. including the Chief Wildlife Warden;

the Chief Conservator Forest-MNP; and the Director-MNP attended these meetings.



**Participation in KM Fair:** The 'Dharti Ko Aarpan' team participated at the Knowledge Fair organised by the Innovation Centre at Pune on 4th June 2010 and bagged the second prize for their project presentation under the "Many Species, One Planet & One Future" theme.

# Environment Day

Environment day was celebrated in Babrala based on the theme of "Many species one planet one future ". 160 students from five core command villages participated in poster competition along with tree plantation in their

villages. Quiz competition was organized for the students. The VPM with the head of the Environment cell planted trees at BPO campus to commemorate this day.

## Training of teachers under Model Eco Club Project

TCSRDR in collaboration with technical partner DRCSC (Kolkata) organized a three days training program for 18 teachers of five operational schools in Haldia. Teachers from Haldia High School, Paranchak High School, Srikrishnapur Basulia High School, Joynagar High School and Akubpur Primary School attended the training program

The objective of the training program was to sensitize the teachers for taking up new approach of teaching for better understanding of environment science by children and developing the existing eco clubs to model eco clubs.

The three days training covered the following:

1. Discussion was made on climate change and bio-diversity
2. The teachers of respective schools assessed the need of their school for their environment related issues
3. The teachers prepared their own action plan for the identified issues
4. The teachers went around the campus and studied the natural things like leaves, fruits, insects etc and gave

presentation on their findings

5. Discussion on learning cycle was done which means "to teach you need to understand first
6. The teachers learned about handicrafts from waste materials
7. They also learnt to make puppets and teaching with the help of puppet shows
8. Practical was done by making chart and posters

In the next stage of the project, TCSRDR would support the school for developing a model such as hanging garden, vermicompost production, and handicraft development with the help of the eco-club of the schools



## Vision 2020 – Program - Haldia



Distribution of Spectacles

TCSRDR had organized eye check up of 9 primary school children of Basudev Primary School at Vivekananda Mission Ashram Netra Niramaya Niketan. The eyes of 120 children were screened by the volunteers. After the check up, a meeting with the parents and teachers was organized in the school to discuss the steps which parents can take for better eye care of their children. During the meeting medicine were distributed to seven children and spectacle were provided to two children.



## Feasibility Study at Aila affected area



TCSRSD staff from Haldia and Babrala visited the worst affected area by "AILA" at Gosaba Block of South 24 Pargana. Large part of the area was devastated in May 2009 .

The inflow of sea water into the agriculture land in this coastal area has resulted in decreased/no agriculture production. Relief work by the government/ NGOs provided "moori" and "gur" to the affected populations. However, no substantial work for preservation of coastal area, agriculture development and stopping the migration was done.

The TCSRSD staff visited the area to carry

out a feasibility study for starting interventions on preservation of coastal area and agriculture development. The team has proposed for large scale plantation of mangroves in the coastal area to save the coastal area from being destroyed.

They also interacted with the villagers and tried to find out their problems related to agriculture production. The team has proposed to reduce salinity from the agriculture land manually and if possible, by application of gypsum. This would help the villagers to start agriculture production from the land which was otherwise lying idle due to salinity .

## Pardada Pardadi Education Society visit

TCSRSD health team visited Pardada and Pardadi Education Society to get an understanding of the health and sanitation program for adolescent girls at Anupsher village at Uttar Pradesh. The mission of the organisation is to empower girls from the poorest section of the society by providing

free education and vocational training to make them self reliant. Health and hygiene practices are taught to the students along with adolescent health training course. Various camps like health check up, cataract operation were also organized. The exposure visit helped in promoting the sanitation and hygiene products of Parivar Kalyan Kendra.

## Training programs at Babrala



### Personality Development Class:

TCSRSD Babrala designed special course for ten days. 160 students from class I- X enrolled their names for Personality Development Class. It was a full time volunteer based program. Volunteers from plant and BPO gave their valuable time. The objective behind was to utilize their time efficiently during the summer vacatio. The course started with discussion on how to bring changes in the personality development with regard to the different behavioral dimensions of the participants.

The course included - Basics of computer, General Knowledge, Math, Science and English Spoken class mainly emphasizing on ability to frame grammatically correct sentences, public speaking to reduce stage fear, leadership skill, personal grooming, communication skill, building self-image along

with games. The children were given certificates after completing the course successfully

### Participatory Rural Appraisal training:

Two days training was imparted to health staff on Community need assessment and Participatory Rural Appraisal .Participants were made aware about the similarities and difference on PRA and Community Need Assessment. The participants were taught how to be a good listener to carry out his work on fields through communication game. Participants were divided into two groups to conduct Social Map of two villages which would further help in micro planning.



# Sanitation Awareness Campaign



A total of 1,180 household toilet blocks have been constructed in 6 villages of Kalyanpur and Okhamandal talukas. Linking this program with the Central Govt.'s NREGA scheme has helped speed up the work. TCSRDR also arranged for the Nandini

Van – a mobile exhibition on sanitation – which helped create awareness on the need for toilet block construction amongst the local population in these villages.

Work on construction of 40 toilet blocks and water storage facilities have also been completed for the salt workers at Samlasar village during the reporting period

## Tejeswini Program in the rural area of Haldia

TCSRDR organized Tejeswini in three different places in Haldia. It was an initiative of Mrs. Bindu Bhasker Kumar and group of ladies club members. The training was first organized at Priyamvada Hosing Colony and second at Durgachak covering around 30 women each. The group was a mixed group comprising of employee's wives and also women from neighborhood.



It was a three days program and the topics covered were the following:

1. Positive Thinking and applying in day to day life
2. Understanding ones emotion with the help of "Emotional Bank Account"
3. Interpersonal Relationships
4. Death Realization
5. Understanding the society and ones role in the society and family
6. Different problems coming in life and how to overcome it.

Tejeswini program was also organized at Akubpur village covering 25 rural women. After the feedback from the group, two new topics were added which were "listener's exercise", health and hygiene and "superstition".

After seeing the impact of the program, the volunteers plan to take tejeswini to the unreached villages.

Mrs. Bindu Bhasker Kumar, Mrs. Mosumi Mukherjee, Mrs. Anuja Basu, Mrs. Tanu Mukherjee and Mrs. Manjula Mukherjee took active role in taking forward the program to the unreached women

## Hope: Drawing Competition for orphan children

TCSRDR under the banner of HOPE (Harnessing Opportunities for People Empowerment) organized a drawing competition cum cultural program for the orphan children of Gandhi Ashram in June, 2010. A total of 81 children participated in the drawing competition.

The drawing material for the program was donated by the employees of Tata Chemicals Ltd (Haldia) and employees of Bishop House (Kolkata). The program started with distribution of a set of drawing materials to the children which included one packet of Crayon Wax Colour, pencil, eraser and sharpener.

The children were divided in three groups as primary, middle and higher class children and



the theme of drawing were fruits/animal/flower, a village and pollution respectively.

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## Hope Activities ...

The children were very enthusiastic and took great interest in sketching their imaginations and thoughts. The judgement was done by a panel comprising of Mrs. Bindu Bhasker Kumar, Mrs. Mousumi Mukherjee and Ms. Ananya Choudhury. The winners in all the three categories were awarded with first, second and third prizes



### Children participating in group song

The children also participated in various other cultural programs like singing, story telling, skits etc. At the end of the program sweet packets were distributed to the children. The program was a great success as around 15 employees volunteered

for the program which helped in bringing smiles on the face of a hundred of children of the ashram. The program was volunteered by Mr. Debashish Mukherjee, Mr. Dipak Panigrahi, Mr. Chitto Das, Mr. Dipak Kumar Giri, Mr. Joydeep, Mr. Vaidyanathan, Mr. Sudipta Dutta, Mr. Pabitra Manna, Ms. Sritapa Bera and Ms. Soumi Chattraj.

Mr. Alope De (Manager, Personnel) anchored the program and maintained the enthusiasm of the children and the volunteers during the program. The program ended with the blessings of Mr. S. Bhasker Kumar (VP, Manufacturing) for the children.

