



UNNAT BHARAT ABHIYAN

SARDAR VALLABHBHAI NATIONAL INSTITUTE OF TECHNOLOGY, SURAT

PROGRESS REPORT

FEBRUARY, 2020

UBA Coordinator's Name: Dr. Krupesh A. Chauhan

UBA Co-Coordinator's Name: Dr. Shweta N. Shah

Email: uba@svnit.ac.in

Phone Number: 0261 220 4303

Sr. No.	ADOPTED VILLAGES	TALUKA(Block)	DISTRICT
1	MORA	CHORYASI	SURAT
2	RAJAGARI		
3	SUVALI		
4	JUNAGAM		
5	BHATALAI		

List of Activities:

ACTIVITY 1:

Title of the Activity: "Women Empowerment Workshop" on 1st February, 2020

Need of the Activity: Promoting livelihood and entrepreneurship and knowledge sharing on various Government Schemes to about 50 women of UBA village cluster.

Resource person: 1. Smt. Falguniben Desai, Choryasi Taluka Livelihood Manager, Surat

Brief Description (Need/Impact/Action/Picture (if any)): Unnat Bharat Abhiyan Cell, SVNIT, Surat has organized "Women Empowerment Workshop" for all 5 adopted village cluster by UBA. With a view to spread awareness and access of Government schemes in UBA adopted villages Mora, Bhatalai, Suvali, Rajagari and Junagam with coordination of Shri. Pravinbhai Vasava, District Livelihood Manager, Surat and Smt. Falguniben Desai, Choryasi Taluka Livelihood Manager, Surat on 1st February, 2020.

Dr. Krupesh A. Chauhan and Dr. Shweta N. Shah has explained benefits of women empowerment of rural India and sakhi mandal and through various project of livelihood like textile, agriculture, machine produces.



Smt. Falguniben Desai (Choryasi Taluka TLM) has shared the knowledge about “Women Empowerment”, scope of work of sakhi mandal, financial assistance. They have also explain about Mission Mangalam, Gujarat State Government scheme. (PPT & Annexure file enclos



Inaugural Light lamping by Sakhimandal



Felicitation of Smt. Falguniben Desai
Choryasi Taluka Livelihood Manager (TLM)



Felicitation of Smt. Jhanavaiben Bhatt,
Talati shri, Bhatalai Village



Felicitation of Smt. Nayanaben Patel,
Deputy Sarpanch shri, Bhatalai Village



Felicitation of Dr. Krupesh A. Chauhan
UBA Coordinator, SVNIT, Surat



Felicitation of Dr. Shweta N. Shah
UBA co-Coordinator, SVNIT, Surat



Smt. Falguniben (Choryasi TLM, Surat District) explaining Mission Mangalam, Gujarat State Government scheme and sakhi mandal formation and planning of activates on various livelihood projects.



ACTIVITY 2:

Title of the Activity: Data collection for lake planning, Solar roof top project implementation, smart class design in Government primary school of Junagam Village

Need of the Activity: Consulting in solution of various need of Junagam village on water management, energy conservation and improvement in school education.

Brief Description (Need/Impact/Action/Picture (if any)):

- 1) Team JAL (Water Management & Cleanliness) of UBA Cell, SVNIT, Surat has visited the Junagam village and acquired necessary data collection for planning of community level lake development to solve water scarcity in village area.
- 2) Team Surya (Sustainable Energy) of UBA Cell, SVNIT, Surat has share knowledge to Junagam villagers for on grid solar roof top project implementation and collected light bill copy of Junagam villagers to implement solar roof top scheme of Gujarat State Government.



Students of various teams of UBA Cell, SVNIT, Surat visited Junagam Village for water management and solar roof top scheme project implementation work.



ACTIVITY 3:

Title of the Activity: Organized one day workshop on Solar Roof Top Gujarat State Government Scheme and knowledge sharing on solar power implementation system at SVNIT, Surat

Need of the Activity: To educate students on solar power project for implementing in UBA adopted village cluster

Resource Person: 1. Mr. Milan Kevadiya from Ananya Uraja Pvt. Ltd. (Surat)

Brief Description (Need/Impact/Action/Picture (if any)):

UBA Cell, SVNIT, Surat has organized one day workshop on Solar Roof Top Gujarat State Government Scheme and knowledge sharing on solar power implementation system for students of UBA cell, SVNIT, Surat. In this workshop Mr. Milan Kevadiya from Ananya Uraja Pvt. Ltd. has given presentation Solar Roof Top Scheme (PPT enclosed), and conducted workshop on implementation of solar project including planning, designing and calculations of subsidies.

Future action: Team Surya (Sustainable Energy) from UBA Cell, SVNIT, Surat will promote and campaign solar roof top scheme in UBA adopted villages.



Mr. Milan Kevadiya, Ananya Uraja Pvt. Ltd. explaining Solar Roof Top Scheme and conducting skill training for implementing solar roof top system.



ACTIVITY 4:

Title of the Activity: One day workshop on “Swachh Bharat Mission: Solid Waste Management for Rural India”

Need of the Activity: The purpose of workshop is to spread the knowledge on technologies for solid waste treatment and processing among students and faculties of SVNIT, Surat,

Brief Description (Need/Impact/Action/Picture (if any)): Unnat Bharat Abhiyan Cell, SVNIT, Surat has organized workshop on “Swachh Bharat Mission for village cluster: Challenges & measures”

Resource Expert: 1. Dr. Dharmendra Parekh (Director of Drbri Solve Pvt. Ltd) at SVNIT, Surat. They are managing solid waste management of Vyara Nagarpalika and consulting Municipal Corporations, Nagarpalikas, and Villages in Gujarat State.

Resource persons: 1. Mr. Hemajibhai Patel and team from Adani Foundaton, Hazira, Surat for implementing CSR activities in solid waste management of UBA village cluster.

Dr. Dharmendra Parekh has explained the problem and current scenario of solid waste management system in India. They have explained various techniques for treatment and processing of dry and wet solid waste. They have explained under construction project model of Amalsad village, Gandevi Taluka, Navasari District.

Future action: UBA Cell, SVNIT, Surat will work on community level solid waste treatment plant planning and designing with them and submit the proposals to local administration as well as to the NCI IIT Delh.



Dr. Dharmendra Parekh describing solutions on solid waste management planning, designing and operation & maintenance for village & village cluster level.



Group photo of Team Jal (Water Management & Cleanliness), SVNIT, Surat with Dr. Dharmendra Parekh and officers of Adani Foundation (CSR activities).

ACTIVITY 5:

Title of the Activity: Implementation of “Solar Roof Top Scheme by Gujarat State Government” and Organic Farming in UBA adopted Suvali village.

Need of the Activity: The purpose of activity is to implementing organic farming in Suvali village and solar roof top system in Panchayat Bhavan, Government Primary School and sample household for campaigning and spreading awareness on maximum use of sustainable renewable energy sources.

Brief Description (Need/Impact/Action/Picture (if any)): Team Surya (Sustainable Energy) Unnat Bharat Abhiyan Cell, SVNIT, Surat has done meeting with Smt. Nayanaben Patel, Sarpanch shri of Suvali village and explained them about implementation of solar roof top system and benefits of scheme. Team Surya, UBA CELL, SVNIT, Surat has visited one household of Mr. Hirenabhai Ahir of Suvali village and brief them about solar roof top scheme and taken roof measurement for checking feasibility of project. After successful feasibility, Mr. Hirenabhai has agreed to fix solar roof top for their household and they will use solar power in running of tube well pump set, proposed drip irrigation farm pump set, lighting load of cowshed, lighting load of household.

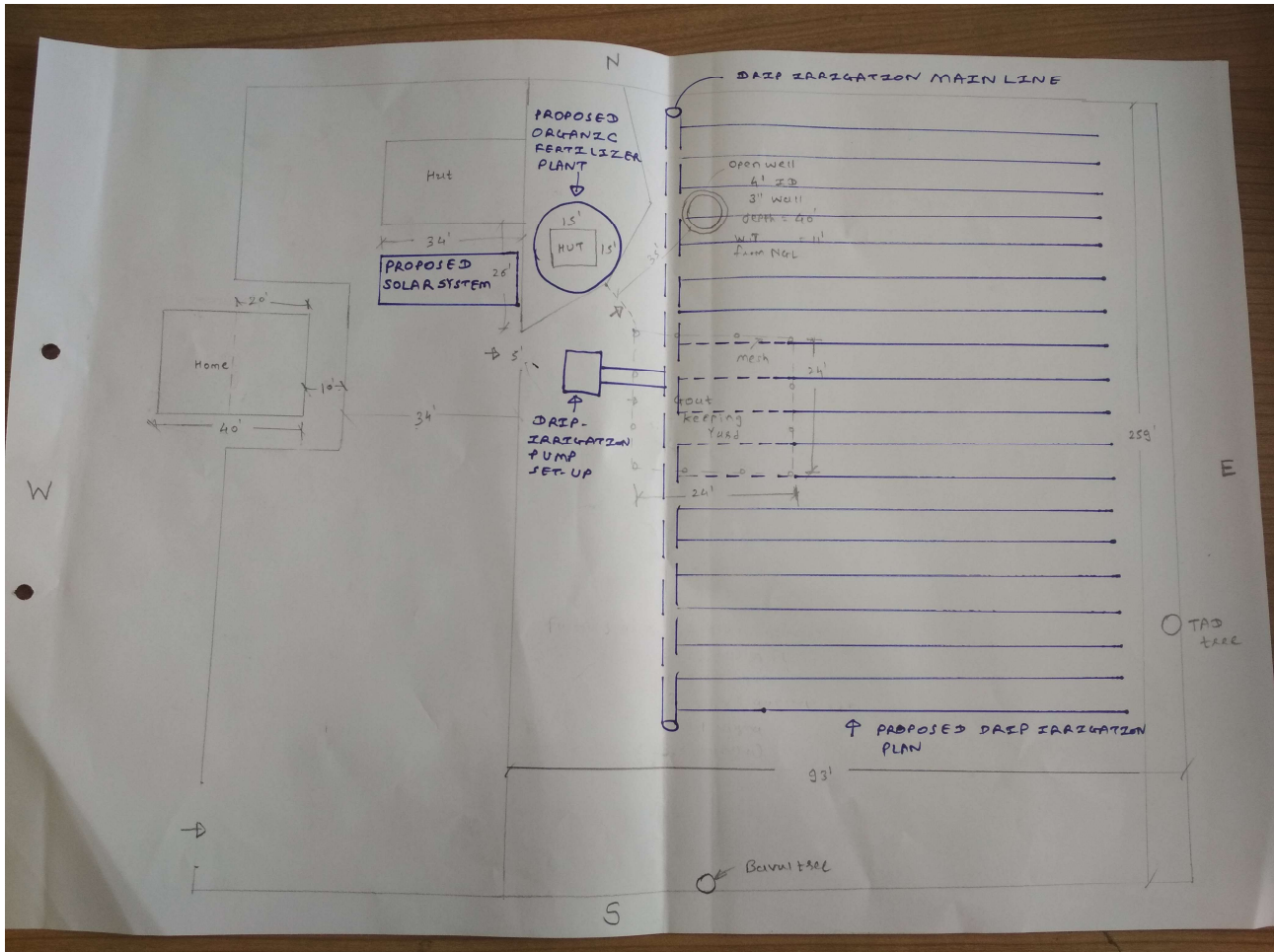


Future action: As per quotation of solar roof top system given to Mr. Hirenbhai Ahir, they will do further procedure of documents submission 1) Passport size photo, 2) Adhar card, 3) Property tax bill to implementing agency and team Surya will campaign and share practical demo to all villagers of UBA village cluster.

Team Bhumi (Agriculture & Organic Farming) will design drip irrigation network for about 1 Vigha farm of Mr. Hirenbhai with help of consulting with reputed agency and also help him for set up of organic fertilizer plant based on Zero Budget Natural Farming (ZBNF) technology.



Measurement of farm for setup of organic fertilizer plant & drip irrigation system by Tem Bhumi, and terrace for solar roof top system by team Surya of UBA Cell, SVNIT, Surat.



Suggested plan to Farmer of Suvali village on smart organic farm including ZBNF organic fertilizer plant with drip irrigation network and solar system.

Next action plan:

Sr. No.	Activity to be conducted (along with reason)
1	"Farmer Welfare" & "Zero Budget Natural Farming (ZBNF)" Workshop in adopted villages (To promoting & implementation of Organic Farming and its benefits)
2	"Organic Farming & Certification" Workshop (To giving awareness about Organic product certification and how to do agricultural export business)
3	Implementation of "Jal Shakti Abhiyan" by creating contour mapping through GIS and proposing of Pond Construction based on surface runoff and proposing of recharge bore wells.
4	Workshop on "Government Schemes" in UBA villages to spread awareness and participation in various Government Schemes for Rural Development.
5	Planning and designing of "Solid waste management" for adopted villages.
6	Organizing meeting with village women for implementation of various livelihood projects and empowering of sakhhi mandals.